# Latest cutting tools and solutions

2025

02

SANDVIK
Coromant

# Your guide to getting the most from our digital catalogue

Our catalogue is more than just a product list; it's a gateway to smarter choices and faster decisions. Inside, you'll find a selection of our top-performing tools and concepts, handpicked to support your machining goals. And when you're ready to explore further, direct links connect you to our full online assortment for deeper insights and added inspiration.

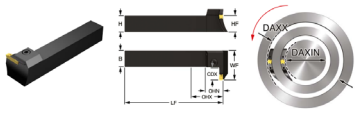
## How to navigate a catalogue page

Each catalogue page is designed to give you the information you need — fast, clear and right at your fingertips. At the top, you'll find the product name, its main application, and a visual overview of key dimensions and features. The detailed table presents versions of the tool, including ordering codes, size specifications and other essential measurements.



### CoroCut® 2, shank tool for face grooving

Screw clamp design




Metric (mm)

| Ordering code | SSC | CDX [mm] | DAXIN [mm] | DAXX [mm] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | LF [mm] | WF [mm] |
|---|---|---|---|---|---|---|---|---|---|---|
| C2A-RS25-LGH18B-040DB | H | 18.0 | 40.0 | 60.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGH18B-052DB | H | 18.0 | 52.0 | 72.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGH18B-064DB | H | 18.0 | 64.0 | 100.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGH18B-092DB | H | 18.0 | 92.0 | 140.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGH18B-132DB | H | 18.0 | 132.0 | 230.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGH18B-220DB | H | 18.0 | 220.0 | 500.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGH18B-300DB | H | 18.0 | 300.0 | 1100.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGK18B-058DB | K | 18.0 | 58.0 | 100.0 | 51.6 | 26.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGK18B-088DB | K | 18.0 | 88.0 | 180.0 | 51.6 | 26.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGK18B-168DB | K | 18.0 | 168.0 | 400.0 | 51.6 | 26.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGL20B-050DB | L | 20.0 | 50.0 | 80.0 | 52.6 | 27.6 | 25.00 | 25.00 | 150.00 | 47.00 |
| C2A-RS25-LGL20B-075DB | L | 20.0 | 75.0 | 150.0 | 52.6 | 27.6 | 25.00 | 25.00 | 150.00 | 47.00 |
| C2A-RS25-LGL20B-140DB | L | 20.0 | 140.0 | 400.0 | 52.6 | 27.6 | 25.00 | 25.00 | 150.00 | 47.00 |

R = Right hand. L = Left hand

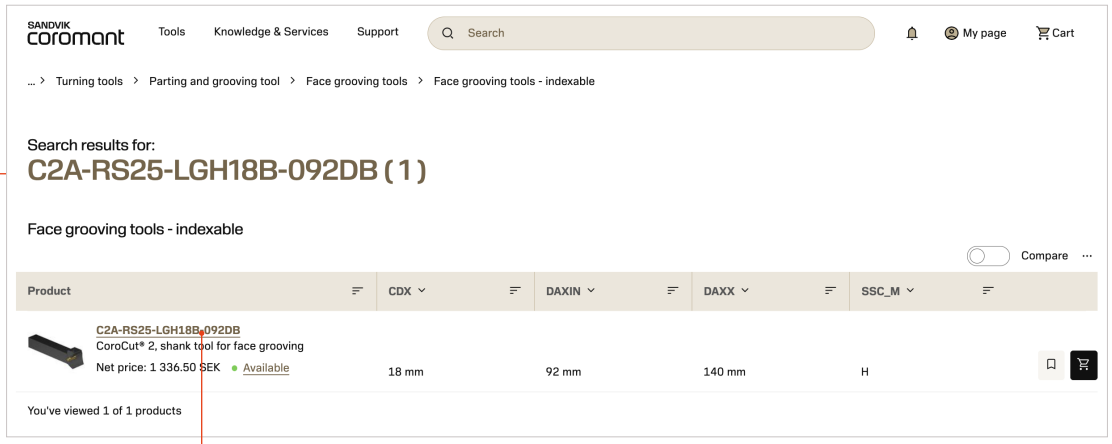
Imperial (inch)

| Ordering code | SSC | CDX [inch] | DAXIN [inch] | DAXX [inch] | OHX [inch] | OHN [inch] | B [inch] | H [inch] | LF [inch] | WF [inch] |
|---|---|---|---|---|---|---|---|---|---|---|
| C2A-RSA16-LGH18B-040DB | H | 0.709 | 1.575 | 2.362 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| C2A-RSA16-LGH18B-052DB | H | 0.709 | 2.047 | 2.835 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| C2A-RSA16-LGH18B-064DB | H | 0.709 | 2.520 | 3.937 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| C2A-RSA16-LGH18B-092DB | H | 0.709 | 3.622 | 5.512 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| C2A-RSA16-LGH18B-132DB | H | 0.709 | 5.197 | 9.055 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| C2A-RSA16-LGH18B-220DB | H | 0.709 | 8.661 | 19.685 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| C2A-RSA16-LGH18B-300DB | H | 0.709 | 11.811 | 43.307 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| C2A-RSA16-LGK18B-058DB | K | 0.709 | 2.283 | 3.937 | 2.047 | 1.047 | 1.000 | 1.000 | 6.000 | 1.788 |
| C2A-RSA16-LGK18B-088DB | K | 0.709 | 3.465 | 7.087 | 2.047 | 1.047 | 1.000 | 1.000 | 6.000 | 1.788 |
| C2A-RSA16-LGK18B-168DB | K | 0.709 | 6.614 | 15.748 | 2.047 | 1.047 | 1.000 | 1.000 | 6.000 | 1.788 |
| C2A-RSA16-LGL20B-050DB | L | 0.790 | 1.969 | 3.150 | 2.087 | 1.087 | 1.000 | 1.000 | 6.000 | 1.869 |
| C2A-RSA16-LGL20B-075DB | L | 0.790 | 2.953 | 5.906 | 2.087 | 1.087 | 1.000 | 1.000 | 6.000 | 1.869 |
| C2A-RSA16-LGL20B-140DB | L | 0.790 | 5.512 | 15.748 | 2.087 | 1.087 | 1.000 | 1.000 | 6.000 | 1.869 |

R = Right hand. L = Left hand

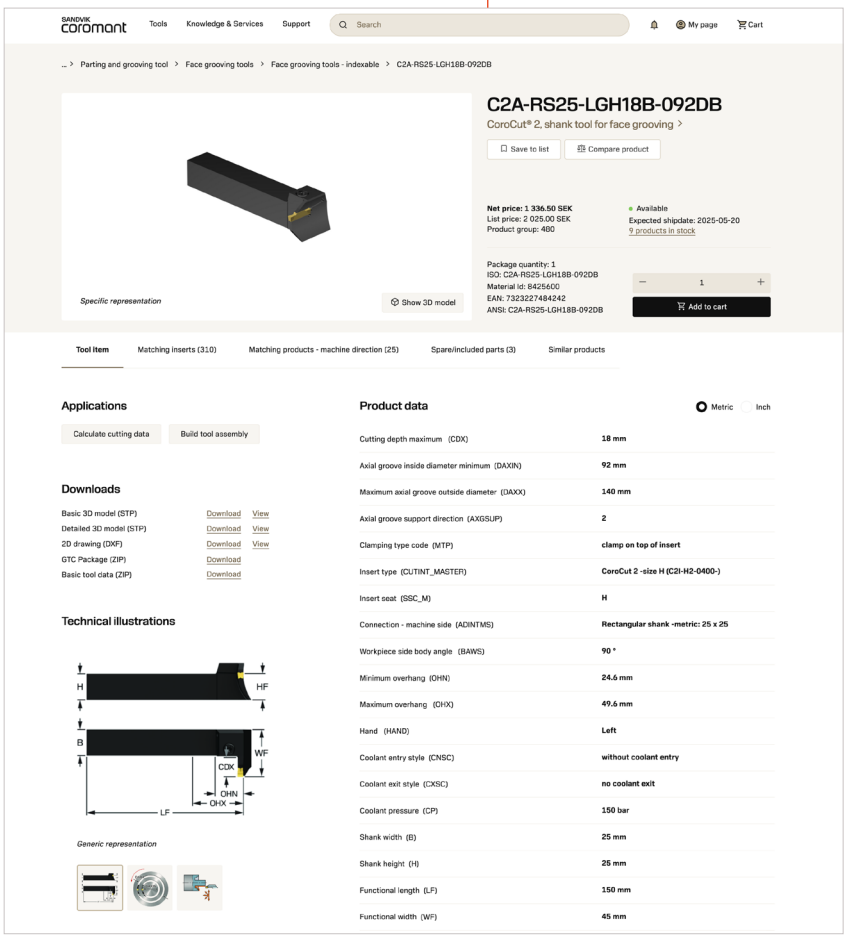
# More insights behind every ordering code

Click on any ordering code to open up a world of knowledge. You'll be taken straight to our website where you can explore product information, check availability and find even more tooling inspiration.




# Dive deeper into the details

Once you've landed on a product details page on our website, you'll find everything you need to make the right choice, from technical specifications and matching inserts to 2D and 3D models ready for download. You can even check spare parts, calculate cutting data, and start building your tool assembly — all in one place.




There's more to discover! Explore our full assortment in our online catalogue: **sandvik.coromant.com/tools**

# How to find and order our tools and solutions

## Expert support at your fingertips

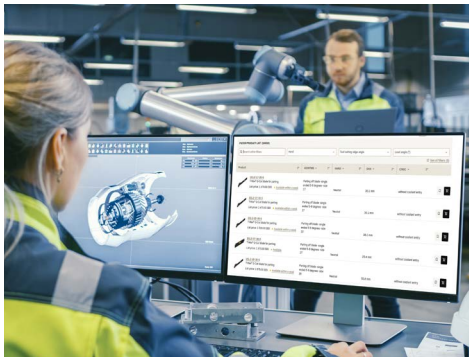
Our specialists and trusted distributors are ready to guide you in selecting the right tools and solutions to optimize your machining processes. Choose the support channel that works best for you — whether it's phone, chat, or email, support is just a step away.

sandvik.coromant.com/support

## Unlock efficiency with our online catalogue

Explore our extensive online catalogue that simplifies the search for tools and solutions. Access product details, purchase directly, and download precise drawings and 3D models — all in one place. Plus, take advantage of our carbide tool recycling service for a sustainable solution.

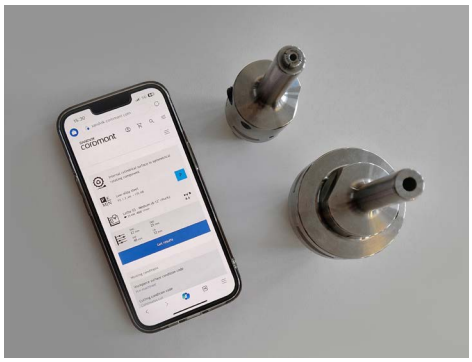
sandvik.coromant.com/tools



## Boost productivity with CoroPlus® Tool Guide

Quickly find the optimal tools and cutting data for your machining process using CoroPlus® Tool Guide. By leveraging our expertise, this smart solution helps you reduce setup time and enhance precision, seamlessly integrating into your workflow to boost efficiency and reliability.

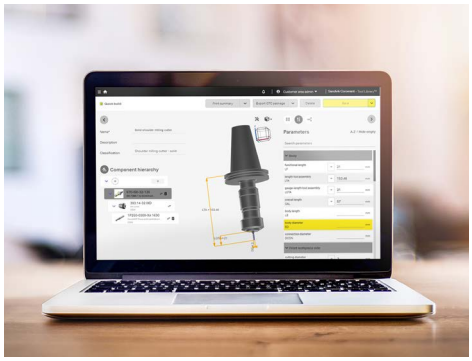
sandvik.coromant.com/toolguide



## Order tools directly with CoroPlus® Tool Library

Incorporate the right tools into your workflow with ease. CoroPlus® Tool Library lets you create tool assemblies and buy tools directly through the software. With the "Buy tools" button appearing when an assembly is created or selected, purchasing becomes quick and simple, allowing you to maintain focus on your machining operations.

sandvik.coromant.com/coroplus-tool-library



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Read more about QS™ Micro:
**sandvik.coromant.com/qs-micro**

# QS™ Micro holding system

## Streamlining small part machining

With its extensive range of cutting heads and shank adaptors, QS™ Micro offers a multitude of configurations. The simple set-up and quick tool changes maximize machine utilization, increasing productivity.

## Application

- Cutting heads for general turning, parting and grooving, and threading in familiesCoroTurn® 107, CoroCut® 2, CoroCut® XS and CoroThread® 266
- For small part machining and sliding head machines
- Grades and geometries for all application areas
- Y-axis tools for CoroTurn® 107 and CoroCut® XS

P M K N S H

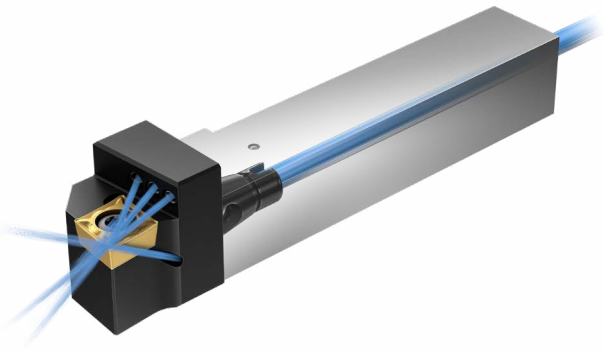
ISO application area

## Features and benefits

- Quick-change solution for easy handling and reduced machine down time
- High indexing precision (+/- 3µm) ensures supreme component quality
- High levels of security and repeatability thanks to the rigidity of the holding mechanism
- Through coolant (simple-to-connect precision coolant in the cutting heads) for improved chip-breaking and higher productivity

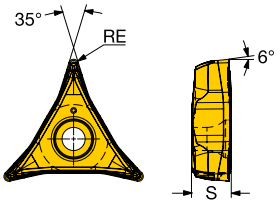
## Precision matters

All QS™ Micro shank adaptors provide through coolant functionality, allowing for easy coolant connection to the cutting heads. The precision coolant is delivered directly to the insert, resulting in exceptional chip control, extended tool life and increased productivity.



# CoroTurn® Prime, insert for turning

A-type insert



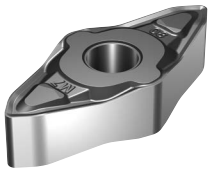

Metric (mm)

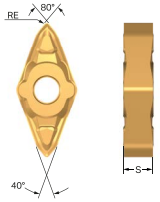
| | | | S | M | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1210 | 1210 | SSC | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Finishing | L3 | CP-A1108-L3 | ○ | ○ | CP-A11 | 6.00 | 0.8 | 11.00 | 3.70 |
| | L5 | CP-A1104-L5 | ○ | ○ | CP-A11 | 6.00 | 0.4 | 11.00 | 3.70 |
| | | CP-A1108-L5 | ○ | ○ | CP-A11 | 6.00 | 0.8 | 11.00 | 3.70 |
| | L5W | CP-A1108-L5W | ○ | ○ | CP-A11 | 6.00 | 0.8 | 11.00 | 3.70 |

● = First choice ○ = Good choice

# CoroTurn® Prime, insert for turning

B-type insert





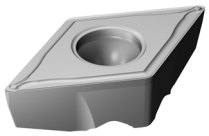

Metric (mm)

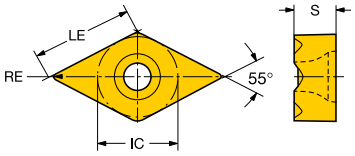
| | | | S | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1210 | 1210 | SSC | S [mm] | RE [mm] | IC [mm] | BN [mm] | D1 [mm] | KRINS [deg] |
| Medium | M5 | CP-B1208D-M5 | ● | ○ | CP-B12..D | 6.00 | 0.8 | 12.00 | | 5.16 | |
| | M5W | CP-B1208D-M5W | ● | ○ | CP-B12..D | 6.00 | 0.8 | 12.00 | | 5.16 | 25.00 |
| | M7 | CP-B1208D-M7 | ● | ○ | CP-B12..D | 6.00 | 0.8 | 12.00 | 0.20 | 5.16 | |
| | | CP-B1216D-M7 | ● | ○ | CP-B12..D | 6.00 | 1.6 | 12.00 | 0.20 | 5.16 | |
| | M7W | CP-B1208D-M7W | ● | ○ | CP-B12..D | 6.00 | 0.8 | 12.00 | 0.20 | 5.16 | |

● = First choice ○ = Good choice

# CoroTurn® TR, insert for turning

D-style insert (Rhombic 55°)





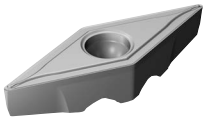

Metric (mm)

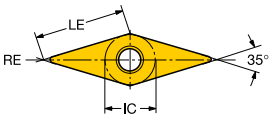
| | | | P | S | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1205 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Finishing | F | TR-DC1304-F | ○ | ● | ○ | 13 | 12.6 | 5.53 | 0.4 | 11.00 | 3.70 |
| | | TR-DC1308-F | ○ | ● | ○ | 13 | 12.2 | 5.53 | 0.8 | 11.00 | 3.70 |

● = First choice ○ = Good choice

# CoroTurn® TR, insert for turning

V-style insert (Rhombic 35°)







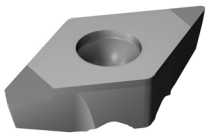
Metric (mm)

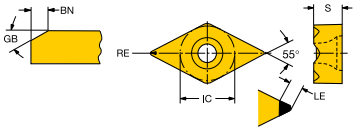
| | | | P | S | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1205 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Finishing | F | TR-VB1304-F | ○ | ● | ○ | 13 | 12.6 | 4.53 | 0.4 | 8.00 | 3.40 |
| | | TR-VB1308-F | ○ | ● | ○ | 13 | 12.2 | 4.53 | 0.8 | 8.00 | 3.40 |

● = First choice ○ = Good choice

# CoroTurn® TR, insert for turning

D-style insert (Rhombic 55°). Ceramic grades





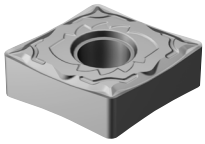

Metric (mm)

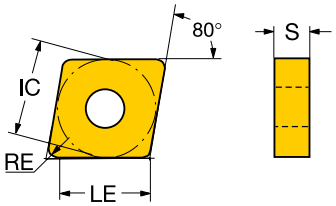
| | | H | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **7125** | **7115** | **SSC** | **S [mm]** | **RE [mm]** | **GB [deg]** | **IC [mm]** | **BN [mm]** | **D1 [mm]** |
| **Finishing** | TR-DC1304S01515FWX | | ● | 13..FWX | 5.53 | 0.4 | 15.0 | 11.00 | 0.15 | 13.70 |
| | TR-DC1306S01515FWX | | ● | 13..FWX | 5.53 | 0.6 | 15.0 | 11.00 | 0.15 | 13.70 |
| | TR-DC1308S01525FWX | ● | ○ | 13..FWX | 5.53 | 0.8 | 25.0 | 11.00 | 0.15 | 13.70 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

C-style insert (Rhombic 80°)






Metric (mm)

| | | | P | S | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1205 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Finishing | MF | CNMG 12 04 04-MF | ○ | ● | ○ | 12 | 12.5 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | CNMG 12 04 08-MF | ○ | ● | ○ | 12 | 12.1 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | CNMG 12 04 12-MF | ○ | ● | ○ | 12 | 11.7 | 4.76 | 1.2 | 12.70 | 5.16 |
| | SF | CNMG 12 04 04-SF | | ● | ○ | 12 | 8.5 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | CNMG 12 04 08-SF | | ● | ○ | 12 | 8.5 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | CNMG 12 04 12-SF | | ● | ○ | 12 | 8.5 | 4.76 | 1.2 | 12.70 | 5.16 |
| | SGF | CNGG 12 04 01-SGF | | ● | ○ | 12 | 12.8 | 4.76 | 0.1 | 12.70 | 5.16 |
| | | CNGG 12 04 02-SGF | | ● | ○ | 12 | 12.6 | 4.76 | 0.2 | 12.70 | 5.16 |
| | | CNGG 12 04 04-SGF | | ● | ○ | 12 | 8.5 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | CNGG 12 04 08-SGF | | ● | ○ | 12 | 8.5 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | CNGG 12 04 12-SGF | | ● | ○ | 12 | 8.5 | 4.76 | 1.2 | 12.70 | 5.16 |

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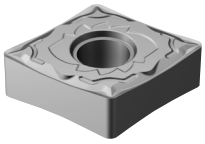
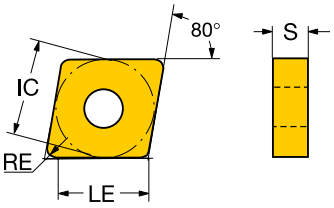
# T-Max® P, insert for turning

C-style insert (Rhombic 80°)





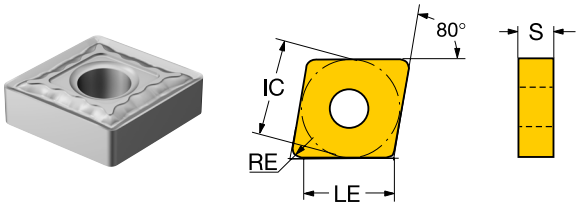

Imperial (inch)

| | | | P | S | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1205 | 1205 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Finishing | MF | CNMG 431-MF | ○ | ● | ○ | 1/2 | 0.492 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | CNMG 432-MF | ○ | ● | ○ | 1/2 | 0.476 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | CNMG 433-MF | ○ | ● | ○ | 1/2 | 0.460 | 0.188 | 0.047 | 0.500 | 0.203 |
| | SF | CNMG 431-SF | | ● | ○ | 1/2 | 0.335 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | CNMG 432-SF | | ● | ○ | 1/2 | 0.335 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | CNMG 433-SF | | ● | ○ | 1/2 | 0.335 | 0.188 | 0.047 | 0.500 | 0.203 |
| | SGF | CNGG 43(.30)-SGF | | ● | ○ | 1/2 | 0.503 | 0.188 | 0.004 | 0.500 | 0.203 |
| | | CNGG 43(.50)-SGF | | ● | ○ | 1/2 | 0.498 | 0.188 | 0.008 | 0.500 | 0.203 |
| | | CNGG 431-SGF | | ● | ○ | 1/2 | 0.335 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | CNGG 432-SGF | | ● | ○ | 1/2 | 0.335 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | CNGG 433-SGF | | ● | ○ | 1/2 | 0.335 | 0.188 | 0.047 | 0.500 | 0.203 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

C-style insert (Rhombic 80°)



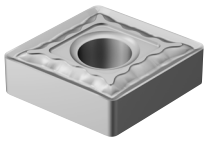

Metric (mm)

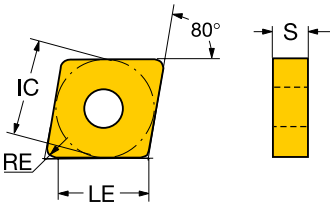
| | | | P | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Medium | QM | CNMG 12 04 04-QM | ○ | ● | ○ | ○ | ○ | 12 | 12.5 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | CNMG 12 04 08-QM | ○ | ● | ○ | ○ | ○ | 12 | 12.1 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | CNMG 12 04 12-QM | ○ | ● | ○ | ○ | ○ | 12 | 11.7 | 4.76 | 1.2 | 12.70 | 5.16 |
| | | CNMG 12 04 16-QM | ○ | ● | ○ | ○ | ○ | 12 | 11.3 | 4.76 | 1.6 | 12.70 | 5.16 |
| | | CNMG 16 06 12-QM | ○ | ● | ○ | ○ | ○ | 16 | 14.9 | 6.35 | 1.2 | 15.88 | 6.35 |
| | | CNMG 19 06 12-QM | ○ | ● | ○ | ○ | ○ | 19 | 18.1 | 6.35 | 1.2 | 19.05 | 7.93 |
| | SM | CNMG 12 04 04-SM | | ● | ○ | ○ | ○ | 12 | 8.5 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | CNMG 12 04 08-SM | | ● | ○ | ○ | ○ | 12 | 8.5 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | CNMG 12 04 12-SM | | ● | ○ | ○ | ○ | 12 | 8.5 | 4.76 | 1.2 | 12.70 | 5.16 |
| | | CNMG 16 06 08-SM | | ● | ○ | ○ | ○ | 16 | 15.3 | 6.35 | 0.8 | 15.88 | 6.35 |
| | | CNMG 16 06 12-SM | | ● | ○ | ○ | ○ | 16 | 10.6 | 6.35 | 1.2 | 15.88 | 6.35 |
| | | CNMG 16 06 16-SM | | ● | ○ | ○ | ○ | 16 | 10.6 | 6.35 | 1.6 | 15.88 | 6.35 |
| | | CNMG 19 06 08-SM | | ● | ○ | ○ | ○ | 19 | 18.5 | 6.35 | 0.8 | 19.05 | 7.93 |
| | | CNMG 19 06 12-SM | | ● | ○ | ○ | ○ | 19 | 18.1 | 6.35 | 1.2 | 19.05 | 7.93 |
| | | CNMG 19 06 16-SM | | ● | ○ | ○ | ○ | 19 | 12.7 | 6.35 | 1.6 | 19.05 | 7.93 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

C-style insert (Rhombic 80°)





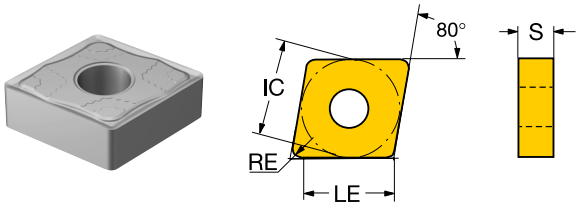

Imperial (inch)

| | | | P | S | | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Medium | QM | CNMG 431-QM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.492 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | CNMG 432-QM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.476 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | CNMG 433-QM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.460 | 0.188 | 0.047 | 0.500 | 0.203 |
| | | CNMG 434-QM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.445 | 0.188 | 0.063 | 0.500 | 0.203 |
| | | CNMG 543-QM | ○ | ● | ○ | ○ | ○ | 5/8 | 0.587 | 0.250 | 0.047 | 0.625 | 0.250 |
| | | CNMG 643-QM | ○ | ● | ○ | ○ | ○ | 3/4 | 0.714 | 0.250 | 0.047 | 0.750 | 0.312 |
| | SM | CNMG 431-SM | | ● | ○ | ○ | ○ | 1/2 | 0.335 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | CNMG 432-SM | | ● | ○ | ○ | ○ | 1/2 | 0.335 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | CNMG 433-SM | | ● | ○ | ○ | ○ | 1/2 | 0.335 | 0.188 | 0.047 | 0.500 | 0.203 |
| | | CNMG 542-SM | | ● | ○ | ○ | ○ | 5/8 | 0.603 | 0.250 | 0.031 | 0.625 | 0.250 |
| | | CNMG 543-SM | | ● | ○ | ○ | ○ | 5/8 | 0.417 | 0.250 | 0.047 | 0.625 | 0.250 |
| | | CNMG 544-SM | | ● | ○ | ○ | ○ | 5/8 | 0.417 | 0.250 | 0.063 | 0.625 | 0.250 |
| | | CNMG 642-SM | | ● | ○ | ○ | ○ | 3/4 | 0.730 | 0.250 | 0.031 | 0.750 | 0.312 |
| | | CNMG 643-SM | | ● | ○ | ○ | ○ | 3/4 | 0.714 | 0.250 | 0.047 | 0.750 | 0.312 |
| | | CNMG 644-SM | | ● | ○ | ○ | ○ | 3/4 | 0.500 | 0.250 | 0.063 | 0.750 | 0.312 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

C-style insert (Rhombic 80°)




Metric (mm)

| | | Ordering code | S 1210 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
|---|---|---|---|---|---|---|---|---|---|
| Medium | SMC | CNMG 12 04 04-SMC | ● | 12 | 12.5 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | CNMG 12 04 08-SMC | ● | 12 | 12.1 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | CNMG 12 04 12-SMC | ● | 12 | 11.7 | 4.76 | 1.2 | 12.70 | 5.16 |
| | | CNMG 16 06 08-SMC | ● | 16 | 15.3 | 6.35 | 0.8 | 15.88 | 6.35 |
| | | CNMG 16 06 12-SMC | ● | 16 | 14.9 | 6.35 | 1.2 | 15.88 | 6.35 |

● = First choice ○ = Good choice

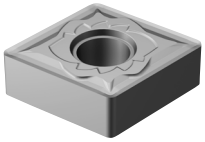
Imperial (inch)

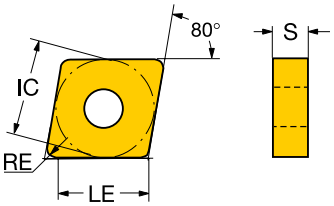
| | | Ordering code ANSI | S 1210 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
|---|---|---|---|---|---|---|---|---|---|
| Medium | SMC | CNMG 431-SMC | ● | 1/2 | 0.492 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | CNMG 432-SMC | ● | 1/2 | 0.476 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | CNMG 433-SMC | ● | 1/2 | 0.460 | 0.188 | 0.047 | 0.500 | 0.203 |
| | | CNMG 542-SMC | ● | 5/8 | 0.603 | 0.250 | 0.031 | 0.625 | 0.250 |
| | | CNMG 543-SMC | ● | 5/8 | 0.587 | 0.250 | 0.047 | 0.625 | 0.250 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

C-style insert (Rhombic 80°)





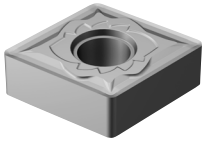

Metric (mm)

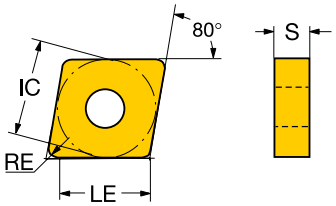
| | | | P | S | K | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 4415 | 1210 | 4415 | 1210 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Finishing | PF | CNMX 19 11 40-PF | ● | | ● | | 19 | 15.3 | 11.00 | 4.0 | 19.05 | 7.80 |
| Medium | SMR | CNMG 12 04 08-SMR | | ● | | ○ | 12 | 8.5 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | CNMG 12 04 12-SMR | | ● | | ○ | 12 | 8.5 | 4.76 | 1.2 | 12.70 | 5.16 |
| | | CNMG 12 04 16-SMR | | ● | | ○ | 12 | 8.5 | 4.76 | 1.6 | 12.70 | 5.16 |
| Roughing | HR | CNMM 25 09 24-HR | ● | | ● | | 25 | 23.4 | 9.52 | 2.4 | 25.40 | 9.12 |
| | PR | CNMG 25 09 24-PR | ● | | ● | | 25 | 23.4 | 9.52 | 2.4 | 25.40 | 9.12 |
| | SMR | CNMG 16 06 16-SMR | | ● | | ○ | 16 | 10.6 | 6.35 | 1.6 | 15.88 | 6.35 |
| | | CNMG 19 06 12-SMR | | ● | | ○ | 19 | 18.1 | 6.35 | 1.2 | 19.05 | 7.93 |
| | | CNMG 19 06 16-SMR | | ● | | ○ | 19 | 12.7 | 6.35 | 1.6 | 19.05 | 7.93 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

C-style insert (Rhombic 80°)





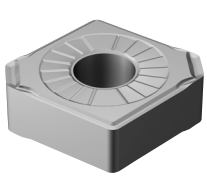

Imperial (inch)

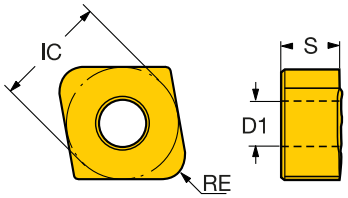
| | | | P | S | K | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 4415 | 1210 | 4415 | 1210 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Finishing | PF | CNMX 19 11 40-PF | ● | | ● | | 3/4 | 0.604 | 0.433 | 0.157 | 0.750 | 0.307 |
| Medium | SMR | CNMG 432-SMR | | ● | | ○ | 1/2 | 0.335 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | CNMG 433-SMR | | ● | | ○ | 1/2 | 0.335 | 0.188 | 0.047 | 0.500 | 0.203 |
| | | CNMG 434-SMR | | ● | | ○ | 1/2 | 0.335 | 0.188 | 0.063 | 0.500 | 0.203 |
| Roughing | HR | CNMM 866-HR | ● | | ● | | 1 | 0.921 | 0.375 | 0.094 | 1.000 | 0.359 |
| | PR | CNMG 866-PR | ● | | ● | | 1 | 0.921 | 0.375 | 0.094 | 1.000 | 0.359 |
| | SMR | CNMG 544-SMR | | ● | | ○ | 5/8 | 0.417 | 0.250 | 0.063 | 0.625 | 0.250 |
| | | CNMG 643-SMR | | ● | | ○ | 3/4 | 0.714 | 0.250 | 0.047 | 0.750 | 0.312 |
| | | CNMG 644-SMR | | ● | | ○ | 3/4 | 0.500 | 0.250 | 0.063 | 0.750 | 0.312 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

C-style insert (Rhombic 80°)






Metric (mm)

| | | | P | S | | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] | APMX [mm] | KCH [deg] |
| Medium | SM | CNMX 12 04 A1-SM | ○ | ● | ○ | ○ | ○ | 12 | 2.4 | 4.76 | 0.8 | 12.70 | 5.16 | 1.5 | 50.0 |
| | | CNMX 12 04 A2-SM | ○ | ● | ○ | ○ | ○ | 12 | 3.8 | 4.76 | 0.8 | 12.70 | 5.16 | 2.5 | 50.0 |

● = First choice ○ = Good choice

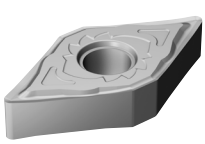
Imperial (inch)

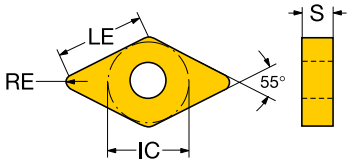
| | | | P | S | | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] | APMX [inch] | KCH [deg] |
| Medium | SM | CNMX 43A1-SM | ○ | ● | | ○ | | 1/2 | 0.094 | 0.188 | 0.031 | 0.500 | 0.203 | 0.059 | 50.0 |
| | | CNMX 43A2-SM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.150 | 0.188 | 0.031 | 0.500 | 0.203 | 0.098 | 50.0 |
| | | CNMX 43A1-SM | | | ○ | | ○ | 1/2 | 0.094 | 0.188 | 0.031 | 0.500 | 0.203 | 0.059 | 50.0 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

D-style insert (Rhombic 55°)





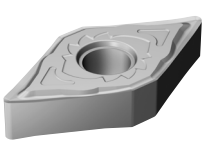

Metric (mm)

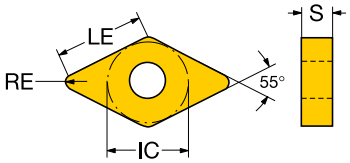
| | | | P | S | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1205 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Finishing | MF | DNMG 11 04 04-MF | ○ | ● | ○ | 11 | 11.2 | 4.76 | 0.4 | 9.52 | 3.81 |
| | | DNMG 11 04 08-MF | ○ | ● | ○ | 11 | 10.8 | 4.76 | 0.8 | 9.52 | 3.81 |
| | | DNMG 15 04 04-MF | ○ | ● | ○ | 15 | 15.1 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | DNMG 15 04 08-MF | ○ | ● | ○ | 15 | 14.7 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | DNMG 15 06 04-MF | ○ | ● | ○ | 15 | 15.1 | 6.35 | 0.4 | 12.70 | 5.16 |
| | | DNMG 15 06 08-MF | ○ | ● | ○ | 15 | 14.7 | 6.35 | 0.8 | 12.70 | 5.16 |
| | | DNMG 15 06 12-MF | ○ | ● | ○ | 15 | 14.3 | 6.35 | 1.2 | 12.70 | 5.16 |
| | SF | DNMG 11 04 04-SF | | ● | ○ | 11 | 11.2 | 4.76 | 0.4 | 9.52 | 3.81 |
| | | DNMG 11 04 08-SF | | ● | ○ | 11 | 10.8 | 4.76 | 0.8 | 9.52 | 3.81 |
| | | DNMG 15 04 04-SF | | ● | ○ | 15 | 6.4 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | DNMG 15 04 08-SF | | ● | ○ | 15 | 6.4 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | DNMG 15 04 12-SF | | ● | ○ | 15 | 6.4 | 4.76 | 1.2 | 12.70 | 5.16 |
| | | DNMG 15 06 04-SF | | ● | ○ | 15 | 6.4 | 6.35 | 0.4 | 12.70 | 5.16 |
| | | DNMG 15 06 08-SF | | ● | ○ | 15 | 6.4 | 6.35 | 0.8 | 12.70 | 5.16 |
| | | DNMG 15 06 12-SF | | ● | ○ | 15 | 6.4 | 6.35 | 1.2 | 12.70 | 5.16 |
| | SGF | DNGG 15 04 01-SGF | | ● | ○ | 15 | 13.6 | 4.76 | 0.1 | 12.70 | 5.16 |
| | | DNGG 15 04 02-SGF | | ● | ○ | 15 | 13.4 | 4.76 | 0.2 | 12.70 | 5.16 |
| | | DNGG 15 04 04-SGF | | ● | ○ | 15 | 6.4 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | DNGG 15 04 08-SGF | | ● | ○ | 15 | 6.4 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | DNGG 15 04 12-SGF | | ● | ○ | 15 | 6.4 | 4.76 | 1.2 | 12.70 | 5.16 |
| | | DNGG 15 06 04-SGF | | ● | ○ | 15 | 6.4 | 6.35 | 0.4 | 12.70 | 5.16 |
| | | DNGG 15 06 08-SGF | | ● | ○ | 15 | 6.4 | 6.35 | 0.8 | 12.70 | 5.16 |
| | | DNGG 15 06 12-SGF | | ● | ○ | 15 | 6.4 | 6.35 | 1.2 | 12.70 | 5.16 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

D-style insert (Rhombic 55°)





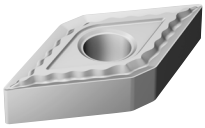

Imperial (inch)

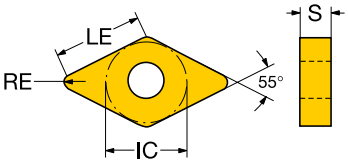
| | | | P | S | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1205 | 1205 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Finishing | MF | DNMG 331-MF | ○ | ● | ○ | 3/8 | 0.442 | 0.188 | 0.016 | 0.375 | 0.150 |
| | | DNMG 332-MF | ○ | ● | ○ | 3/8 | 0.426 | 0.188 | 0.031 | 0.375 | 0.150 |
| | | DNMG 431-MF | ○ | ● | ○ | 1/2 | 0.595 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | DNMG 432-MF | ○ | ● | ○ | 1/2 | 0.579 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | DNMG 441-MF | ○ | ● | ○ | 1/2 | 0.595 | 0.250 | 0.016 | 0.500 | 0.203 |
| | | DNMG 442-MF | ○ | ● | ○ | 1/2 | 0.579 | 0.250 | 0.031 | 0.500 | 0.203 |
| | | DNMG 443-MF | ○ | ● | ○ | 1/2 | 0.563 | 0.250 | 0.047 | 0.500 | 0.203 |
| | SF | DNMG 331-SF | | ● | ○ | 3/8 | 0.442 | 0.188 | 0.016 | 0.375 | 0.150 |
| | | DNMG 332-SF | | ● | ○ | 3/8 | 0.426 | 0.188 | 0.031 | 0.375 | 0.150 |
| | | DNMG 431-SF | | ● | ○ | 1/2 | 0.252 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | DNMG 433-SF | | ● | ○ | 1/2 | 0.252 | 0.188 | 0.047 | 0.500 | 0.203 |
| | | DNMG 441-SF | | ● | ○ | 1/2 | 0.252 | 0.250 | 0.016 | 0.500 | 0.203 |
| | | DNMG 442-SF | | ● | ○ | 1/2 | 0.252 | 0.250 | 0.031 | 0.500 | 0.203 |
| | | DNMG 443-SF | | ● | ○ | 1/2 | 0.252 | 0.250 | 0.047 | 0.500 | 0.203 |
| | | DNMG432-SF | | ● | ○ | 1/2 | 0.252 | 0.188 | 0.031 | 0.500 | 0.203 |
| | SGF | DNGG 43(.30)-SGF | | ● | ○ | 1/2 | 0.533 | 0.188 | 0.004 | 0.500 | 0.203 |
| | | DNGG 43(.50)-SGF | | ● | ○ | 1/2 | 0.530 | 0.188 | 0.008 | 0.500 | 0.203 |
| | | DNGG 431-SGF | | ● | ○ | 1/2 | 0.252 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | DNGG 432-SGF | | ● | ○ | 1/2 | 0.252 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | DNGG 433-SGF | | ● | ○ | 1/2 | 0.252 | 0.188 | 0.047 | 0.500 | 0.203 |
| | | DNGG 441-SGF | | ● | ○ | 1/2 | 0.252 | 0.250 | 0.016 | 0.500 | 0.203 |
| | | DNGG 442-SGF | | ● | ○ | 1/2 | 0.252 | 0.250 | 0.031 | 0.500 | 0.203 |
| | | DNGG 443-SGF | | ● | ○ | 1/2 | 0.252 | 0.250 | 0.047 | 0.500 | 0.203 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

D-style insert (Rhombic 55°)





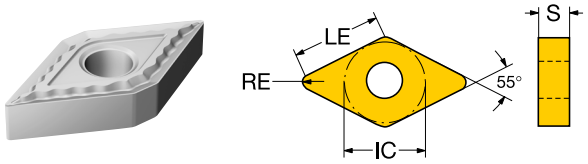

Metric (mm)

| | | | P | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Medium | QM | DNMG 11 04 08-QM | | | ● | | ○ | 11 | 10.8 | 4.76 | 0.8 | 9.52 | 3.81 |
| | | DNMG 15 04 04-QM | ○ | ● | ○ | ○ | ○ | 15 | 15.1 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | DNMG 15 04 08-QM | ○ | ● | ○ | ○ | ○ | 15 | 14.7 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | DNMG 15 04 12-QM | ○ | ● | ○ | ○ | ○ | 15 | 14.3 | 4.76 | 1.2 | 12.70 | 5.16 |
| | | DNMG 15 06 04-QM | ○ | ● | ○ | ○ | ○ | 15 | 15.1 | 6.35 | 0.4 | 12.70 | 5.16 |
| | | DNMG 15 06 08-QM | ○ | ● | ○ | ○ | ○ | 15 | 14.7 | 6.35 | 0.8 | 12.70 | 5.16 |
| | | DNMG 15 06 12-QM | ○ | ● | ○ | ○ | ○ | 15 | 14.3 | 6.35 | 1.2 | 12.70 | 5.16 |
| | SM | DNMG 11 04 04-SM | ○ | ● | ○ | ○ | ○ | 11 | 11.2 | 4.76 | 0.4 | 9.52 | 3.81 |
| | | DNMG 15 04 04-SM | | ● | ○ | ○ | ○ | 15 | 6.4 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | DNMG 15 04 08-SM | | ● | ○ | ○ | ○ | 15 | 6.4 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | DNMG 15 04 12-SM | | ● | ○ | ○ | ○ | 15 | 6.4 | 4.76 | 1.2 | 12.70 | 5.16 |
| | | DNMG 15 06 04-SM | | ● | ○ | ○ | ○ | 15 | 6.4 | 6.35 | 0.4 | 12.70 | 5.16 |
| | | DNMG 15 06 08-SM | | ● | ○ | ○ | ○ | 15 | 6.4 | 6.35 | 0.8 | 12.70 | 5.16 |
| | | DNMG 15 06 12-SM | | ● | ○ | ○ | ○ | 15 | 6.4 | 6.35 | 1.2 | 12.70 | 5.16 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

D-style insert (Rhombic 55°)



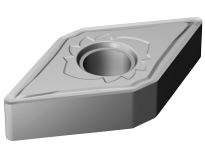

Imperial (inch)

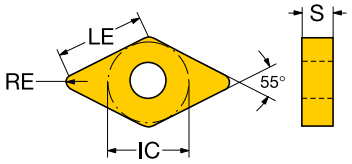
| | | | P | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Medium | QM | DNMG 332-QM | | | ● | | ○ | 3/8 | 0.426 | 0.188 | 0.031 | 0.375 | 0.150 |
| | | DNMG 431-QM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.595 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | DNMG 432-QM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.579 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | DNMG 433-QM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.563 | 0.188 | 0.047 | 0.500 | 0.203 |
| | | DNMG 441-QM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.595 | 0.250 | 0.016 | 0.500 | 0.203 |
| | | DNMG 442-QM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.579 | 0.250 | 0.031 | 0.500 | 0.203 |
| | | DNMG 443-QM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.563 | 0.250 | 0.047 | 0.500 | 0.203 |
| | SM | DNMG 331-SM | ○ | ● | ○ | ○ | ○ | 3/8 | 0.442 | 0.188 | 0.016 | 0.375 | 0.150 |
| | | DNMG 431-SM | | ● | ○ | ○ | ○ | 1/2 | 0.252 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | DNMG 432-SM | | ● | ○ | ○ | ○ | 1/2 | 0.252 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | DNMG 433-SM | | ● | ○ | ○ | ○ | 1/2 | 0.252 | 0.188 | 0.047 | 0.500 | 0.203 |
| | | DNMG 441-SM | | ● | ○ | ○ | ○ | 1/2 | 0.252 | 0.250 | 0.016 | 0.500 | 0.203 |
| | | DNMG 442-SM | | ● | ○ | ○ | ○ | 1/2 | 0.252 | 0.250 | 0.031 | 0.500 | 0.203 |
| | | DNMG 443-SM | | ● | ○ | ○ | ○ | 1/2 | 0.252 | 0.250 | 0.047 | 0.500 | 0.203 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

D-style insert (Rhombic 55°)






Metric (mm)

| | | | S | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1210 | 1210 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Medium | SMR | DNMG 15 04 08-SMR | ● | ○ | 15 | 6.4 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | DNMG 15 04 12-SMR | ● | ○ | 15 | 6.4 | 4.76 | 1.2 | 12.70 | 5.16 |
| | | DNMG 15 06 08-SMR | ● | ○ | 15 | 6.4 | 6.35 | 0.8 | 12.70 | 5.16 |
| | | DNMG 15 06 12-SMR | ● | ○ | 15 | 6.4 | 6.35 | 1.2 | 12.70 | 5.16 |
| | | DNMG 15 06 16-SMR | ● | ○ | 15 | 6.4 | 6.35 | 1.6 | 12.70 | 5.16 |

● = First choice ○ = Good choice

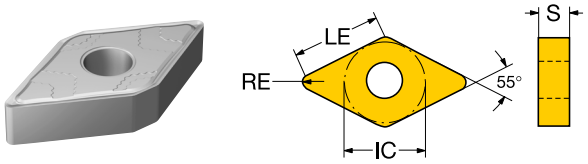
Imperial (inch)

| | | | S | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1210 | 1210 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Medium | SMR | DNMG 432-SMR | ● | ○ | 1/2 | 0.252 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | DNMG 433-SMR | ● | ○ | 1/2 | 0.252 | 0.188 | 0.047 | 0.500 | 0.203 |
| | | DNMG 442-SMR | ● | ○ | 1/2 | 0.252 | 0.250 | 0.031 | 0.500 | 0.203 |
| | | DNMG 443-SMR | ● | ○ | 1/2 | 0.252 | 0.250 | 0.047 | 0.500 | 0.203 |
| | | DNMG 444-SMR | ● | ○ | 1/2 | 0.252 | 0.250 | 0.063 | 0.500 | 0.203 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

D-style insert (Rhombic 55°)




Metric (mm)

| | | Ordering code | S 1210 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
|---|---|---|---|---|---|---|---|---|---|
| Medium | SMC | DNMG 11 04 08-SMC | ● | 11 | 10.8 | 4.76 | 0.8 | 9.52 | 3.81 |
| | | DNMG 15 04 04-SMC | ● | 15 | 15.1 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | DNMG 15 04 08-SMC | ● | 15 | 14.7 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | DNMG 15 06 04-SMC | ● | 15 | 15.1 | 6.35 | 0.4 | 12.70 | 5.16 |
| | | DNMG 15 06 08-SMC | ● | 15 | 14.7 | 6.35 | 0.8 | 12.70 | 5.16 |
| | | DNMG 15 06 12-SMC | ● | 15 | 14.3 | 6.35 | 1.2 | 12.70 | 5.16 |

● = First choice ○ = Good choice

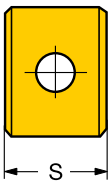
Imperial (inch)

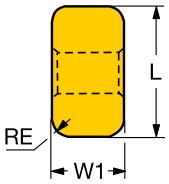
| | | Ordering code ANSI | S 1210 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
|---|---|---|---|---|---|---|---|---|---|
| Medium | SMC | DNMG 332-SMC | ● | 3/8 | 0.426 | 0.188 | 0.031 | 0.375 | 0.150 |
| | | DNMG 431-SMC | ● | 1/2 | 0.595 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | DNMG 432-SMC | ● | 1/2 | 0.579 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | DNMG 441-SMC | ● | 1/2 | 0.595 | 0.250 | 0.016 | 0.500 | 0.203 |
| | | DNMG 442-SMC | ● | 1/2 | 0.579 | 0.250 | 0.031 | 0.500 | 0.203 |
| | | DNMG 443-SMC | ● | 1/2 | 0.563 | 0.250 | 0.047 | 0.500 | 0.203 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

LNMX style inserts (Rectangular)




Metric (mm)

| | | Ordering code | P 4415 | SSC | LE [mm] | S [mm] | RE [mm] | D1 [mm] | W1 [mm] |
|---|---|---|---|---|---|---|---|---|---|
| Medium | PM | LNMX 19 19 40-PM | ● | 19 | 15.1 | 19.05 | 4.0 | 6.35 | 10.0 |
| | | LNMX 30 19 40-PM | ● | 30 | 26.0 | 19.05 | 4.0 | 6.35 | 12.0 |
| Roughing | PR | LNMX 30 19 40-PR | ● | 30 | 26.0 | 19.05 | 4.0 | 6.35 | 12.0 |

● = First choice ○ = Good choice

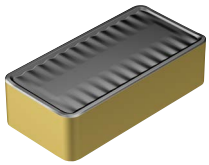
Imperial (inch)

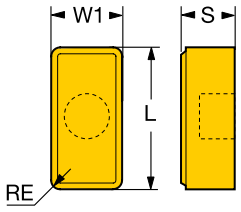
| | | Ordering code ANSI | P 4415 | SSC | LE [inch] | S [inch] | RE [inch] | D1 [inch] | W1 [inch] |
|---|---|---|---|---|---|---|---|---|---|
| Medium | PM | LNMX 19 19 40-PM | ● | 19 | 0.593 | 0.750 | 0.157 | 0.250 | 0.4 |
| | | LNMX 30 19 40-PM | ● | 30 | 1.024 | 0.750 | 0.157 | 0.250 | 0.5 |
| Roughing | PR | LNMX 30 19 40-PR | ● | 30 | 1.024 | 0.750 | 0.157 | 0.250 | 0.5 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

LNMX style inserts (Rectangular)






Metric (mm)

| | | | P | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 4415 | SSC | LE [mm] | S [mm] | RE [mm] | W1 [mm] |
| Roughing | XH | LNMX 50 14 32-XH | ● | 50 | 34.0 | 14.20 | 3.2 | 25.4 |

● = First choice ○ = Good choice

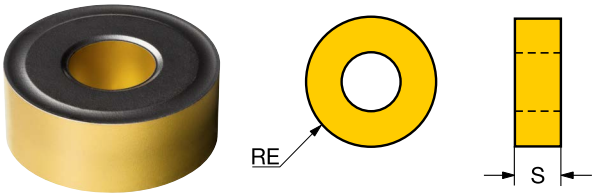
Imperial (inch)

| | | | P | | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 4415 | SSC | LE [inch] | S [inch] | RE [inch] | W1 [inch] |
| Roughing | XH | LNMX 50 14 32-XH | ● | 50 | 1.339 | 0.559 | 0.125 | 1.0 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

R-style insert (round)




Metric (mm)

| | | Ordering code | SSC | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
|---|---|---|---|---|---|---|---|
| Medium | 00 | RNMG 19 06 00 | 19 | 6.35 | 9.5 | 19.05 | 7.93 |
| | SM | RNMG 19 06 00-SM | 19 | 6.35 | 9.5 | 19.05 | 7.93 |

● = First choice ○ = Good choice

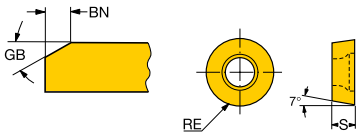
Imperial (inch)

| | | | P | S | K | M | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 4415 | 1210 | 4415 | 1210 | SSC | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Medium | 00 | RNMG 64 | ● | | ● | | 3/4 | 0.250 | 0.375 | 0.750 | 0.312 |
| | SM | RNMG 64-SM | | ● | | ○ | 3/4 | 0.250 | 0.375 | 0.750 | 0.312 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

R-style insert (round)




Metric (mm)

| | | | P | K | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 4415 | 4415 | SSC | S [mm] | RE [mm] | GB [deg] | IC [mm] | BN [mm] | D1 [mm] |
| Medium | 00 | RCMX 20 06 00 | ● | ● | 20 | 6.35 | 10.0 | 15.0 | 20.00 | 0.30 | 6.50 |
| | | RCMX 25 07 00 | ● | ● | 25 | 7.94 | 12.5 | 15.0 | 25.00 | 0.40 | 7.20 |

● = First choice ○ = Good choice

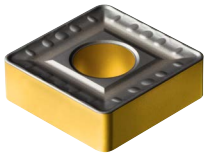
Imperial (inch)

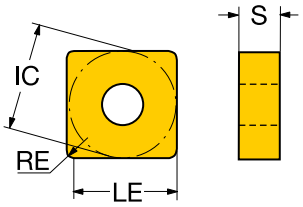
| | | | P | K | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 4415 | 4415 | SSC | S [inch] | RE [inch] | GB [deg] | IC [inch] | BN [inch] | D1 [inch] |
| Medium | 00 | RCMX 20 06 00 | ● | ● | .787 | 0.250 | 0.394 | 15.0 | 0.787 | 0.012 | 0.256 |
| | | RCMX 25 07 00 | ● | ● | .984 | 0.313 | 0.492 | 15.0 | 0.984 | 0.016 | 0.283 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

S-style insert (square)






Metric (mm)

| | | | P | K | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 4415 | 4415 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Roughing | HR | SNMM 25 07 24-HR | ● | ● | 25 | 23.0 | 7.94 | 2.4 | 25.40 | 9.12 |
| | | SNMM 25 07 32-HR | ● | ● | 25 | 22.2 | 7.94 | 3.2 | 25.40 | 9.12 |
| | | SNMM 25 09 24-HR | ● | ● | 25 | 23.0 | 9.52 | 2.4 | 25.40 | 9.12 |
| | | SNMM 25 09 32-HR | ● | ● | 25 | 22.2 | 9.52 | 3.2 | 25.40 | 9.12 |
| | QR | SNMM 25 07 24-QR | ● | ● | 25 | 23.0 | 7.94 | 2.4 | 25.40 | 9.12 |

● = First choice ○ = Good choice

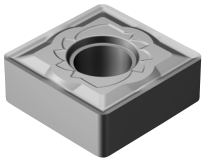
Imperial (inch)

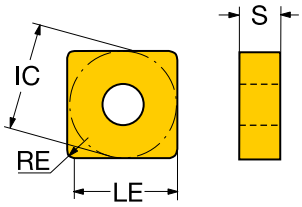
| | | | P | K | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 4415 | 4415 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Roughing | HR | SNMM 856-HR | ● | ● | 1 | 0.906 | 0.313 | 0.094 | 1.000 | 0.359 |
| | | SNMM 858-HR | ● | ● | 1 | 0.874 | 0.313 | 0.125 | 1.000 | 0.359 |
| | | SNMM 866-HR | ● | ● | 1 | 0.906 | 0.375 | 0.094 | 1.000 | 0.359 |
| | | SNMM 868-HR | ● | ● | 1 | 0.874 | 0.375 | 0.125 | 1.000 | 0.359 |
| | QR | SNMM 856-QR | ● | ● | 1 | 0.906 | 0.313 | 0.094 | 1.000 | 0.359 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

S-style insert (square)





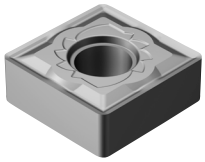

Metric (mm)

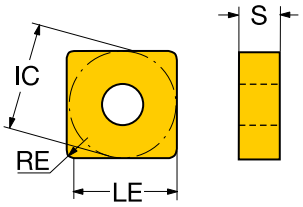
| | | | P | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Medium | QM | SNMG 12 04 08-QM | ○ | ● | ○ | ○ | ○ | 12 | 11.9 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | SNMG 12 04 12-QM | ○ | ● | ○ | ○ | ○ | 12 | 11.5 | 4.76 | 1.2 | 12.70 | 5.16 |
| | | SNMG 12 04 16-QM | ○ | ● | ○ | ○ | ○ | 12 | 11.1 | 4.76 | 1.6 | 12.70 | 5.16 |
| | | SNMG 15 06 12-QM | ○ | ● | ○ | ○ | ○ | 15 | 14.7 | 6.35 | 1.2 | 15.88 | 6.35 |
| | | SNMG 15 06 16-QM | ○ | ● | ○ | ○ | ○ | 15 | 14.3 | 6.35 | 1.6 | 15.88 | 6.35 |
| | | SNMG 19 06 12-QM | ○ | ● | ○ | ○ | ○ | 19 | 17.9 | 6.35 | 1.2 | 19.05 | 7.93 |
| | | SNMG 19 06 16-QM | ○ | ● | ○ | ○ | ○ | 19 | 17.5 | 6.35 | 1.6 | 19.05 | 7.93 |
| | SM | SNMG 12 04 04-SM | | ● | ○ | ○ | ○ | 12 | 12.3 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | SNMG 12 04 08-SM | | ● | ○ | ○ | ○ | 12 | 8.5 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | SNMG 12 04 12-SM | | ● | ○ | ○ | ○ | 12 | 8.5 | 4.76 | 1.2 | 12.70 | 5.16 |
| | | SNMG 12 04 16-SM | | ● | ○ | ○ | ○ | 12 | 8.5 | 4.76 | 1.6 | 12.70 | 5.16 |
| | | SNMG 15 06 08-SM | | ● | ○ | ○ | ○ | 15 | 15.1 | 6.35 | 0.8 | 15.88 | 6.35 |
| | | SNMG 15 06 12-SM | | ● | ○ | ○ | ○ | 15 | 10.6 | 6.35 | 1.2 | 15.88 | 6.35 |
| | | SNMG 15 06 16-SM | | ● | ○ | ○ | ○ | 15 | 10.6 | 6.35 | 1.6 | 15.88 | 6.35 |
| | | SNMG 19 06 12-SM | ○ | ● | ○ | ○ | ○ | 19 | 17.9 | 6.35 | 1.2 | 19.05 | 7.93 |
| | | SNMG 19 06 16-SM | | ● | ○ | ○ | ○ | 19 | 12.7 | 6.35 | 1.6 | 19.05 | 7.93 |
| | SMC | SNMG 12 04 04-SMC | | | ● | | | 12 | 12.3 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | SNMG 12 04 08-SMC | | | ● | | | 12 | 11.9 | 4.76 | 0.8 | 12.70 | 5.16 |
| | SMR | SNMG 12 04 08-SMR | | | ● | | ○ | 12 | 8.5 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | SNMG 12 04 12-SMR | | | ● | | ○ | 12 | 8.5 | 4.76 | 1.2 | 12.70 | 5.16 |
| | | SNMG 12 04 16-SMR | | | ● | | ○ | 12 | 8.5 | 4.76 | 1.6 | 12.70 | 5.16 |
| Roughing | SMR | SNMG 15 06 16-SMR | | | ● | | ○ | 15 | 10.6 | 6.35 | 1.6 | 15.88 | 6.35 |
| | | SNMG 19 06 12-SMR | | | ● | | ○ | 19 | 17.9 | 6.35 | 1.2 | 19.05 | 7.93 |
| | | SNMG 19 06 16-SMR | | | ● | | ○ | 19 | 12.7 | 6.35 | 1.6 | 19.05 | 7.93 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

S-style insert (square)





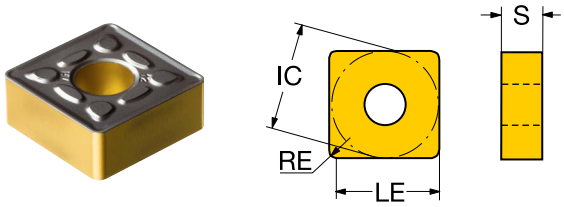

Imperial (inch)

| | | | P | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Medium | QM | SNMG 432-QM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.469 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | SNMG 433-QM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.453 | 0.188 | 0.047 | 0.500 | 0.203 |
| | | SNMG 434-QM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.437 | 0.188 | 0.063 | 0.500 | 0.203 |
| | | SNMG 543-QM | ○ | ● | ○ | ○ | ○ | 5/8 | 0.578 | 0.250 | 0.047 | 0.625 | 0.250 |
| | | SNMG 544-QM | ○ | ● | ○ | ○ | ○ | 5/8 | 0.562 | 0.250 | 0.063 | 0.625 | 0.250 |
| | | SNMG 643-QM | ○ | ● | ○ | ○ | ○ | 3/4 | 0.703 | 0.250 | 0.047 | 0.750 | 0.312 |
| | | SNMG 644-QM | ○ | ● | ○ | ○ | ○ | 3/4 | 0.687 | 0.250 | 0.063 | 0.750 | 0.312 |
| | SM | SNMG 431-SM | | ● | ○ | ○ | ○ | 1/2 | 0.484 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | SNMG 432-SM | | ● | ○ | ○ | ○ | 1/2 | 0.335 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | SNMG 433-SM | | ● | ○ | ○ | ○ | 1/2 | 0.335 | 0.188 | 0.047 | 0.500 | 0.203 |
| | | SNMG 434-SM | | ● | ○ | ○ | ○ | 1/2 | 0.335 | 0.188 | 0.063 | 0.500 | 0.203 |
| | | SNMG 542-SM | | ● | ○ | ○ | ○ | 5/8 | 0.594 | 0.250 | 0.031 | 0.625 | 0.250 |
| | | SNMG 543-SM | | ● | | ○ | | 5/8 | 0.417 | 0.250 | 0.047 | 0.625 | 0.250 |
| | | SNMG 544-SM | | ● | ○ | ○ | ○ | 5/8 | 0.417 | 0.250 | 0.063 | 0.625 | 0.250 |
| | | SNMG 643-SM | ○ | ● | ○ | ○ | ○ | 3/4 | 0.703 | 0.250 | 0.047 | 0.750 | 0.312 |
| | | SNMG 644-SM | | ● | ○ | ○ | ○ | 3/4 | 0.500 | 0.250 | 0.063 | 0.750 | 0.312 |
| | | SNMG543-SM | | | ○ | | ○ | 5/8 | 0.417 | 0.250 | 0.047 | 0.625 | 0.250 |
| | SMC | SNMG 431-SMC | | | ● | | | 1/2 | 0.484 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | SNMG 432-SMC | | | ● | | | 1/2 | 0.469 | 0.188 | 0.031 | 0.500 | 0.203 |
| | SMR | SNMG 432-SMR | | | ● | | ○ | 1/2 | 0.335 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | SNMG 433-SMR | | | ● | | ○ | 1/2 | 0.335 | 0.188 | 0.047 | 0.500 | 0.203 |
| | | SNMG 434-SMR | | | ● | | ○ | 1/2 | 0.335 | 0.188 | 0.063 | 0.500 | 0.203 |
| Roughing | SMR | SNMG 544-SMR | | | ● | | ○ | 5/8 | 0.417 | 0.250 | 0.063 | 0.625 | 0.250 |
| | | SNMG 643-SMR | | | ● | | ○ | 3/4 | 0.703 | 0.250 | 0.047 | 0.750 | 0.312 |
| | | SNMG 644-SMR | | | ● | | ○ | 3/4 | 0.500 | 0.250 | 0.063 | 0.750 | 0.312 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

S-style insert (square)




Metric (mm)

| | | | P | K | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 4415 | 4415 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Medium | HM | SNMG 25 09 24-HM | ● | ● | 25 | 23.0 | 9.52 | 2.4 | 25.40 | 9.12 |
| Roughing | PR | SNMG 25 07 24-PR | ● | ● | 25 | 23.0 | 7.94 | 2.4 | 25.40 | 9.12 |
| | | SNMG 25 09 24-PR | ● | ● | 25 | 23.0 | 9.52 | 2.4 | 25.40 | 9.12 |

● = First choice ○ = Good choice

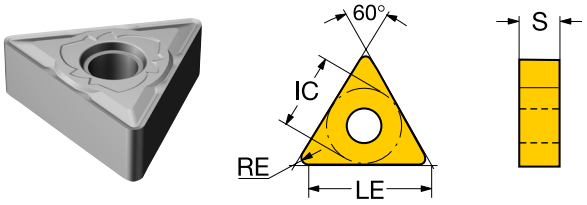
Imperial (inch)

| | | | P | K | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 4415 | 4415 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Medium | HM | SNMG 866-HM | ● | ● | 1 | 0.906 | 0.375 | 0.094 | 1.000 | 0.359 |
| Roughing | PR | SNMG 856-PR | ● | ● | 1 | 0.906 | 0.313 | 0.094 | 1.000 | 0.359 |
| | | SNMG 866-PR | ● | ● | 1 | 0.906 | 0.375 | 0.094 | 1.000 | 0.359 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

T-style insert (triangular)



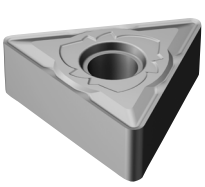

Metric (mm)

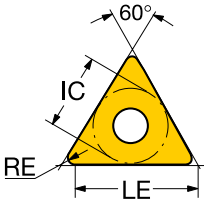
| | | | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1210 | 1205 | 1210 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Finishing | SF | TNMG 16 04 04-SF | ● | | ○ | | 16 | 4.8 | 4.76 | 0.4 | 9.52 | 3.81 |
| | | TNMG 16 04 08-SF | ● | | ○ | | 16 | 4.8 | 4.76 | 0.8 | 9.52 | 3.81 |
| Medium | SM | TNMG 16 04 04-SM | ● | ○ | ○ | ○ | 16 | 16.1 | 4.76 | 0.4 | 9.52 | 3.81 |
| | | TNMG 16 04 08-SM | ● | ○ | ○ | ○ | 16 | 4.8 | 4.76 | 0.8 | 9.52 | 3.81 |
| | | TNMG 16 04 12-SM | ● | ○ | ○ | ○ | 16 | 4.8 | 4.76 | 1.2 | 9.52 | 3.81 |
| | | TNMG 22 04 08-SM | ● | ○ | ○ | ○ | 22 | 6.4 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | TNMG 22 04 12-SM | ● | ○ | ○ | ○ | 22 | 6.4 | 4.76 | 1.2 | 12.70 | 5.16 |
| | SMC | TNMG 16 04 08-SMC | | ● | | | 16 | 15.7 | 4.76 | 0.8 | 9.52 | 3.81 |

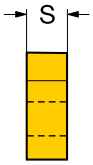
● = First choice ○ = Good choice

# T-Max® P, insert for turning

T-style insert (triangular)





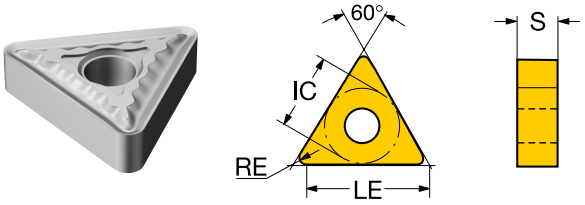

Imperial (inch)

| | | | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1210 | 1205 | 1210 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Finishing | SF | TNMG 331-SF | ● | | ○ | | 3/8 | 0.189 | 0.188 | 0.016 | 0.375 | 0.150 |
| | | TNMG 332-SF | ● | | ○ | | 3/8 | 0.189 | 0.188 | 0.031 | 0.375 | 0.150 |
| Medium | SM | TNMG 331-SM | ● | ○ | ○ | ○ | 3/8 | 0.634 | 0.188 | 0.016 | 0.375 | 0.150 |
| | | TNMG 332-SM | ● | ○ | ○ | ○ | 3/8 | 0.189 | 0.188 | 0.031 | 0.375 | 0.150 |
| | | TNMG 333-SM | ● | ○ | ○ | ○ | 3/8 | 0.189 | 0.188 | 0.047 | 0.375 | 0.150 |
| | | TNMG 432-SM | ● | ○ | ○ | ○ | 1/2 | 0.252 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | TNMG 433-SM | ● | ○ | ○ | ○ | 1/2 | 0.252 | 0.188 | 0.047 | 0.500 | 0.203 |
| | SMC | TNMG 332-SMC | | ● | | | 3/8 | 0.618 | 0.188 | 0.031 | 0.375 | 0.150 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

T-style insert (triangular)




Metric (mm)

| | | | P | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Medium | QM | TNMG 16 04 08-QM | ○ | ● | ○ | ○ | ○ | 16 | 15.7 | 4.76 | 0.8 | 9.52 | 3.81 |
| | | TNMG 16 04 12-QM | ○ | ● | ○ | ○ | ○ | 16 | 15.3 | 4.76 | 1.2 | 9.52 | 3.81 |
| | | TNMG 22 04 16-QM | ○ | ● | ○ | ○ | ○ | 22 | 20.4 | 4.76 | 1.6 | 12.70 | 5.16 |

● = First choice ○ = Good choice

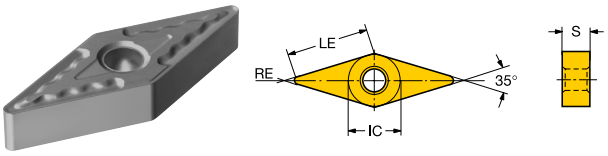
Imperial (inch)

| | | | P | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Medium | QM | TNMG 332-QM | ○ | ● | ○ | ○ | ○ | 3/8 | 0.618 | 0.188 | 0.031 | 0.375 | 0.150 |
| | | TNMG 333-QM | ○ | ● | ○ | ○ | ○ | 3/8 | 0.602 | 0.188 | 0.047 | 0.375 | 0.150 |
| | | TNMG 434-QM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.803 | 0.188 | 0.063 | 0.500 | 0.203 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

V-style insert (Rhombic 35°)




Metric (mm)

| | | P | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ordering code | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Medium | QM | VNMG 16 04 04-QM | ○ | ● | ○ | ○ | ○ | 16 | 16.2 | 4.76 | 0.4 | 9.52 | 3.81 |
| Medium | QM | VNMG 16 04 08-QM | ○ | ● | ○ | ○ | ○ | 16 | 15.8 | 4.76 | 0.8 | 9.52 | 3.81 |

● = First choice ○ = Good choice

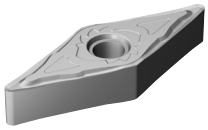
Imperial (inch)

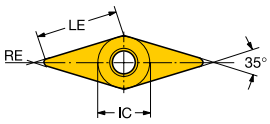
| | | P | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ordering code ANSI | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Medium | QM | VNMG 331-QM | ○ | ● | ○ | ○ | ○ | 3/8 | 0.638 | 0.188 | 0.016 | 0.375 | 0.150 |
| Medium | QM | VNMG 332-QM | ○ | ● | ○ | ○ | ○ | 3/8 | 0.622 | 0.188 | 0.031 | 0.375 | 0.150 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

V-style insert (Rhombic 35°)







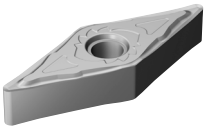
Metric (mm)

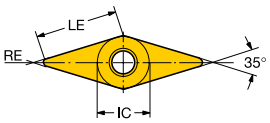
| | | | P | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Finishing | MF | VNMG 16 04 04-MF | ○ | ● | | ○ | | 16 | 16.2 | 4.76 | 0.4 | 9.52 | 3.81 |
| | | VNMG 16 04 08-MF | ○ | ● | | ○ | | 16 | 15.8 | 4.76 | 0.8 | 9.52 | 3.81 |
| | SF | VNMG 16 04 04-SF | | ● | | ○ | | 16 | 16.2 | 4.76 | 0.4 | 9.52 | 3.81 |
| | | VNMG 16 04 08-SF | | ● | | ○ | | 16 | 15.8 | 4.76 | 0.8 | 9.52 | 3.81 |
| | | VNMG 16 04 12-SF | | ● | | ○ | | 16 | 15.4 | 4.76 | 1.2 | 9.52 | 3.81 |
| | SGF | VNGG 16 04 01-SGF | | ● | | ○ | | 16 | 16.3 | 4.76 | 0.1 | 9.52 | 3.81 |
| | | VNGG 16 04 02-SGF | | ● | | ○ | | 16 | 16.0 | 4.76 | 0.2 | 9.52 | 3.81 |
| | | VNGG 16 04 04-SGF | | ● | | ○ | | 16 | 2.4 | 4.76 | 0.4 | 9.52 | 3.81 |
| | | VNGG 16 04 08-SGF | | ● | | ○ | | 16 | 2.4 | 4.76 | 0.8 | 9.52 | 3.81 |
| | | VNGG 16 04 12-SGF | | ● | | ○ | | 16 | 2.4 | 4.76 | 1.2 | 9.52 | 3.81 |
| Medium | SM | VNMG 16 04 04-SM | | ● | ○ | ○ | ○ | 16 | 16.2 | 4.76 | 0.4 | 9.52 | 3.81 |
| | | VNMG 16 04 08-SM | | ● | ○ | ○ | ○ | 16 | 15.8 | 4.76 | 0.8 | 9.52 | 3.81 |
| | | VNMG 16 04 12-SM | | ● | ○ | ○ | ○ | 16 | 15.4 | 4.76 | 1.2 | 9.52 | 3.81 |
| | SMC | VNMG 16 04 04-SMC | | | ● | | | 16 | 16.2 | 4.76 | 0.4 | 9.52 | 3.81 |
| | | VNMG 16 04 08-SMC | | | ● | | | 16 | 15.8 | 4.76 | 0.8 | 9.52 | 3.81 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

V-style insert (Rhombic 35°)







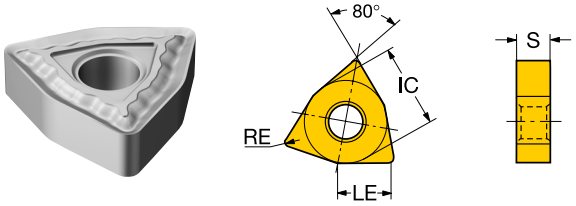
Imperial (inch)

| | | | P | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Finishing | MF | VNMG 331-MF | ○ | ● | | ○ | | 3/8 | 0.638 | 0.188 | 0.016 | 0.375 | 0.150 |
| | | VNMG 332-MF | ○ | ● | | ○ | | 3/8 | 0.622 | 0.188 | 0.031 | 0.375 | 0.150 |
| | SF | VNMG 331-SF | | ● | | ○ | | 3/8 | 0.638 | 0.188 | 0.016 | 0.375 | 0.150 |
| | | VNMG 332-SF | | ● | | ○ | | 3/8 | 0.622 | 0.188 | 0.031 | 0.375 | 0.150 |
| | | VNMG 333-SF | | ● | | ○ | | 3/8 | 0.607 | 0.188 | 0.047 | 0.375 | 0.150 |
| | SGF | VNGG 33(.30)-SGF | | ● | | ○ | | 3/8 | 0.640 | 0.188 | 0.004 | 0.375 | 0.150 |
| | | VNGG 33(.50)-SGF | | ● | | ○ | | 3/8 | 0.632 | 0.188 | 0.008 | 0.375 | 0.150 |
| | | VNGG 331-SGF | | ● | | ○ | | 3/8 | 0.094 | 0.188 | 0.016 | 0.375 | 0.150 |
| | | VNGG 332-SGF | | ● | | ○ | | 3/8 | 0.094 | 0.188 | 0.031 | 0.375 | 0.150 |
| | | VNGG 333-SGF | | ● | | ○ | | 3/8 | 0.094 | 0.188 | 0.047 | 0.375 | 0.150 |
| Medium | SM | VNMG 331-SM | | ● | ○ | ○ | ○ | 3/8 | 0.638 | 0.188 | 0.016 | 0.375 | 0.150 |
| | | VNMG 332-SM | | ● | ○ | ○ | ○ | 3/8 | 0.622 | 0.188 | 0.031 | 0.375 | 0.150 |
| | | VNMG 333-SM | | ● | ○ | ○ | ○ | 3/8 | 0.607 | 0.188 | 0.047 | 0.375 | 0.150 |
| | SMC | VNMG 331-SMC | | | ● | | | 3/8 | 0.638 | 0.188 | 0.016 | 0.375 | 0.150 |
| | | VNMG 332-SMC | | | ● | | | 3/8 | 0.622 | 0.188 | 0.031 | 0.375 | 0.150 |

● = First choice ○ = Good choice

# T-Max® P, insert for turning

W-style insert (Trigon 80°)




Metric (mm)

| | | | P | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Medium | QM | WNMG 06 04 08-QM | | | ● | | ○ | 06 | 5.7 | 4.76 | 0.8 | 9.52 | 3.81 |
| | | WNMG 08 04 04-QM | ○ | ● | ○ | ○ | ○ | 08 | 8.3 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | WNMG 08 04 08-QM | ○ | ● | ○ | ○ | ○ | 08 | 7.9 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | WNMG 08 04 12-QM | ○ | ● | ○ | ○ | ○ | 08 | 7.5 | 4.76 | 1.2 | 12.70 | 5.16 |

● = First choice ○ = Good choice

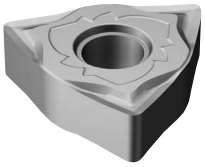
Imperial (inch)

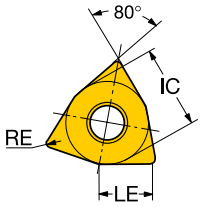
| | | | P | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Medium | QM | WNMG 332-QM | | | ● | | ○ | 3/8 | 0.225 | 0.188 | 0.031 | 0.375 | 0.150 |
| | | WNMG 431-QM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.326 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | WNMG 432-QM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.311 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | WNMG 433-QM | ○ | ● | ○ | ○ | ○ | 1/2 | 0.295 | 0.188 | 0.047 | 0.500 | 0.203 |

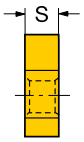
● = First choice ○ = Good choice

# T-Max® P, insert for turning

W-style insert (Trigon 80°)





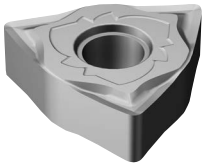

Metric (mm)

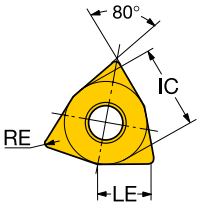
| | | | P | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Finishing | MF | WNMG 08 04 08-MF | | ● | | ○ | | 08 | 7.9 | 4.76 | 0.8 | 12.70 | 5.16 |
| | SF | WNMG 08 04 04-SF | | ● | | ○ | | 08 | 3.2 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | WNMG 08 04 08-SF | | ● | | ○ | | 08 | 7.9 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | WNMG 08 04 12-SF | | ● | | ○ | | 08 | 7.5 | 4.76 | 1.2 | 12.70 | 5.16 |
| | SGF | WNGG 08 04 02-SGF | | ● | | ○ | | 08 | 7.5 | 4.76 | 0.2 | 12.70 | 5.16 |
| | | WNGG 08 04 04-SGF | | ● | | ○ | | 08 | 3.2 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | WNGG 08 04 08-SGF | | ● | | ○ | | 08 | 3.2 | 4.76 | 0.8 | 12.70 | 5.16 |
| Medium | SM | WNMG 06 04 04-SM | ○ | ● | | ○ | | 06 | 6.1 | 4.76 | 0.4 | 9.52 | 3.81 |
| | | WNMG 06 04 08-SM | ○ | ● | | ○ | | 06 | 5.7 | 4.76 | 0.8 | 9.52 | 3.81 |
| | | WNMG 08 04 04-SM | | ● | ○ | ○ | ○ | 08 | 3.2 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | WNMG 08 04 08-SM | | ● | ○ | ○ | ○ | 08 | 7.9 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | WNMG 08 04 12-SM | | ● | ○ | ○ | ○ | 08 | 7.5 | 4.76 | 1.2 | 12.70 | 5.16 |
| | SMC | WNMG 08 04 04-SMC | | | ● | | | 08 | 8.3 | 4.76 | 0.4 | 12.70 | 5.16 |
| | | WNMG 08 04 08-SMC | | | ● | | | 08 | 7.9 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | WNMG 08 04 12-SMC | | | ● | | | 08 | 7.5 | 4.76 | 1.2 | 12.70 | 5.16 |
| | SMR | WNMG 08 04 08-SMR | | | ● | | ○ | 08 | 7.9 | 4.76 | 0.8 | 12.70 | 5.16 |
| | | WNMG 08 04 12-SMR | | | ● | | ○ | 08 | 7.5 | 4.76 | 1.2 | 12.70 | 5.16 |

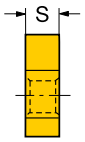
● = First choice ○ = Good choice

# T-Max® P, insert for turning

W-style insert (Trigon 80°)





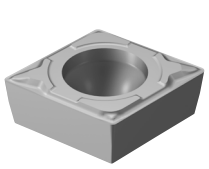

Imperial (inch)

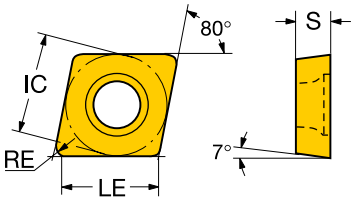
| | | | P | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1205 | 1210 | 1205 | 1210 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Finishing | MF | WNMG 432-MF | | ● | | ○ | | 1/2 | 0.311 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | | | | | | | | | | | | |
| | SF | WNMG 431-SF | | ● | | ○ | | 1/2 | 0.126 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | WNMG 432-SF | | ● | | ○ | | 1/2 | 0.311 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | WNMG 433-SF | | ● | | ○ | | 1/2 | 0.295 | 0.188 | 0.047 | 0.500 | 0.203 |
| | SGF | WNGG 43(.50)-SGF | | ● | | ○ | | 1/2 | 0.294 | 0.188 | 0.008 | 0.500 | 0.203 |
| | | WNGG 431-SGF | | ● | | ○ | | 1/2 | 0.126 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | WNGG 432-SGF | | ● | | ○ | | 1/2 | 0.126 | 0.188 | 0.031 | 0.500 | 0.203 |
| Medium | SM | WNMG 331-SM | ○ | ● | | ○ | | 3/8 | 0.241 | 0.188 | 0.016 | 0.375 | 0.150 |
| | | WNMG 332-SM | ○ | ● | | ○ | | 3/8 | 0.225 | 0.188 | 0.031 | 0.375 | 0.150 |
| | | WNMG 431-SM | | ● | ○ | ○ | ○ | 1/2 | 0.126 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | WNMG 432-SM | | ● | ○ | ○ | ○ | 1/2 | 0.311 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | WNMG 433-SM | | ● | ○ | ○ | ○ | 1/2 | 0.295 | 0.188 | 0.047 | 0.500 | 0.203 |
| | SMC | WNMG 431-SMC | | | ● | | | 1/2 | 0.326 | 0.188 | 0.016 | 0.500 | 0.203 |
| | | WNMG 432-SMC | | | ● | | | 1/2 | 0.311 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | WNMG 433-SMC | | | ● | | | 1/2 | 0.295 | 0.188 | 0.047 | 0.500 | 0.203 |
| | SMR | WNMG 432-SMR | | | ● | | ○ | 1/2 | 0.311 | 0.188 | 0.031 | 0.500 | 0.203 |
| | | WNMG 433-SMR | | | ● | | ○ | 1/2 | 0.295 | 0.188 | 0.047 | 0.500 | 0.203 |

● = First choice ○ = Good choice

# CoroTurn® 107, insert for turning

C-style insert (Rhombic 80°)





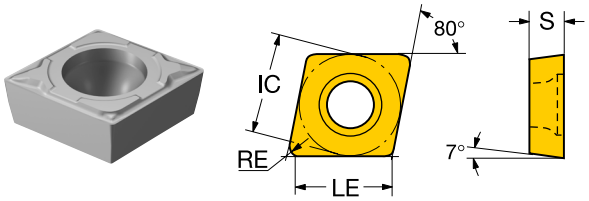

Metric (mm)

| | | | P | S | | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1210 | 1205 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Finishing | MF | CCMT 06 02 02-MF | ○ | ● | | ○ | 06 | 6.2 | 2.38 | 0.2 | 6.35 | 2.80 |
| | | CCMT 06 02 04-MF | ○ | ● | | ○ | 06 | 6.0 | 2.38 | 0.4 | 6.35 | 2.80 |
| | | CCMT 09 T3 02-MF | ○ | ● | | ○ | 09 | 9.5 | 3.97 | 0.2 | 9.52 | 4.40 |
| | | CCMT 09 T3 04-MF | ○ | ● | | ○ | 09 | 9.3 | 3.97 | 0.4 | 9.52 | 4.40 |
| | | CCMT 09 T3 08-MF | ○ | ● | | ○ | 09 | 8.9 | 3.97 | 0.8 | 9.52 | 4.40 |
| Medium | AL | CCGX 06 02 02-AL | | ● | | ○ | 06 | 6.2 | 2.38 | 0.2 | 6.35 | 2.80 |
| | | CCGX 06 02 04-AL | | ● | | ○ | 06 | 6.0 | 2.38 | 0.4 | 6.35 | 2.80 |
| | | CCGX 09 T3 04-AL | | ● | | ○ | 09 | 9.3 | 3.97 | 0.4 | 9.52 | 4.40 |
| | | CCGX 09 T3 08-AL | | ● | | ○ | 09 | 8.9 | 3.97 | 0.8 | 9.52 | 4.40 |
| | MM | CCMT 06 02 04-MM | ○ | ● | | ○ | 06 | 6.0 | 2.38 | 0.4 | 6.35 | 2.80 |
| | | CCMT 06 02 08-MM | ○ | ● | | ○ | 06 | 5.6 | 2.38 | 0.8 | 6.35 | 2.80 |
| | | CCMT 09 T3 04-MM | ○ | ● | | ○ | 09 | 9.3 | 3.97 | 0.4 | 9.52 | 4.40 |
| | | CCMT 09 T3 08-MM | ○ | ● | | ○ | 09 | 8.9 | 3.97 | 0.8 | 9.52 | 4.40 |
| | | CCMT 12 04 04-MM | ○ | ● | | ○ | 12 | 12.5 | 4.76 | 0.4 | 12.70 | 5.50 |
| | | CCMT 12 04 08-MM | ○ | ● | | ○ | 12 | 12.1 | 4.76 | 0.8 | 12.70 | 5.50 |
| | SMC | CCMT 09 T3 04-SMC | | | ● | | 09 | 9.3 | 3.97 | 0.4 | 9.52 | 4.40 |
| | | CCMT 09 T3 08-SMC | | | ● | | 09 | 8.9 | 3.97 | 0.8 | 9.52 | 4.40 |
| | UM | CCET 06 02 01-UM | ○ | ● | | ○ | 06 | 6.3 | 2.38 | 0.1 | 6.35 | 2.80 |
| | | CCET 06 02 02-UM | ○ | ● | | ○ | 06 | 6.2 | 2.38 | 0.2 | 6.35 | 2.80 |
| | | CCET 06 02 04-UM | ○ | ● | | ○ | 06 | 6.0 | 2.38 | 0.4 | 6.35 | 2.80 |
| | | CCGT 06 02 01-UM | ○ | ● | | ○ | 06 | 6.3 | 2.38 | 0.1 | 6.35 | 2.80 |
| | | CCGT 06 02 02-UM | ○ | ● | | ○ | 06 | 6.2 | 2.38 | 0.2 | 6.35 | 2.80 |
| | | CCGT 06 02 04-UM | ○ | ● | | ○ | 06 | 6.0 | 2.38 | 0.4 | 6.35 | 2.80 |
| | | CCGT 09 T3 01-UM | ○ | ● | | ○ | 09 | 9.6 | 3.97 | 0.1 | 9.52 | 4.40 |
| | | CCGT 09 T3 02-UM | ○ | ● | | ○ | 09 | 9.5 | 3.97 | 0.2 | 9.52 | 4.40 |
| | | CCGT 09 T3 04-UM | ○ | ● | | ○ | 09 | 9.3 | 3.97 | 0.4 | 9.52 | 4.40 |
| | | CCGT 09 T3 08-UM | ○ | ● | | ○ | 09 | 8.9 | 3.97 | 0.8 | 9.52 | 4.40 |

● = First choice ○ = Good choice

# CoroTurn® 107, insert for turning

C-style insert (Rhombic 80°)



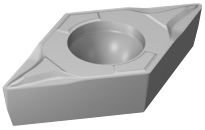

Imperial (inch)

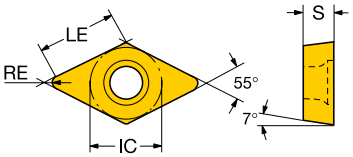
| | | | P | S | | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1205 | 1210 | 1205 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Finishing | MF | CCMT 2(1.5)0-MF | ○ | ● | | ○ | 1/4 | 0.246 | 0.094 | 0.008 | 0.250 | 0.110 |
| | | CCMT 2(1.5)1-MF | ○ | ● | | ○ | 1/4 | 0.238 | 0.094 | 0.016 | 0.250 | 0.110 |
| | | CCMT 3(2.5)0-MF | ○ | ● | | ○ | 3/8 | 0.373 | 0.156 | 0.008 | 0.375 | 0.173 |
| | | CCMT 3(2.5)1-MF | ○ | ● | | ○ | 3/8 | 0.365 | 0.156 | 0.016 | 0.375 | 0.173 |
| | | CCMT 3(2.5)2-MF | ○ | ● | | ○ | 3/8 | 0.349 | 0.156 | 0.031 | 0.375 | 0.173 |
| Medium | AL | CCGX 2(1.5)0-AL | | ● | | ○ | 1/4 | 0.246 | 0.094 | 0.008 | 0.250 | 0.110 |
| | | CCGX 2(1.5)1-AL | | ● | | ○ | 1/4 | 0.238 | 0.094 | 0.016 | 0.250 | 0.110 |
| | | CCGX 3(2.5)1-AL | | ● | | ○ | 3/8 | 0.365 | 0.156 | 0.016 | 0.375 | 0.173 |
| | | CCGX 3(2.5)2-AL | | ● | | ○ | 3/8 | 0.349 | 0.156 | 0.031 | 0.375 | 0.173 |
| | MM | CCMT 2(1.5)1-MM | ○ | ● | | ○ | 1/4 | 0.238 | 0.094 | 0.016 | 0.250 | 0.110 |
| | | CCMT 2(1.5)2-MM | ○ | ● | | ○ | 1/4 | 0.222 | 0.094 | 0.031 | 0.250 | 0.110 |
| | | CCMT 3(2.5)1-MM | ○ | ● | | ○ | 3/8 | 0.365 | 0.156 | 0.016 | 0.375 | 0.173 |
| | | CCMT 3(2.5)2-MM | ○ | ● | | ○ | 3/8 | 0.349 | 0.156 | 0.031 | 0.375 | 0.173 |
| | | CCMT 431-MM | ○ | ● | | ○ | 1/2 | 0.492 | 0.188 | 0.016 | 0.500 | 0.217 |
| | | CCMT 432-MM | ○ | ● | | ○ | 1/2 | 0.476 | 0.188 | 0.031 | 0.500 | 0.217 |
| | SMC | CCMT 3(2.5)1-SMC | | | ● | | 3/8 | 0.365 | 0.156 | 0.016 | 0.375 | 0.173 |
| | | CCMT 3(2.5)2-SMC | | | ● | | 3/8 | 0.349 | 0.156 | 0.031 | 0.375 | 0.173 |
| | UM | CCET 2(1.5)0-UM | ○ | ● | | ○ | 1/4 | 0.246 | 0.094 | 0.008 | 0.250 | 0.110 |
| | | CCET 2(1.5)03-UM | ○ | ● | | ○ | 1/4 | 0.250 | 0.094 | 0.004 | 0.250 | 0.110 |
| | | CCET 2(1.5)1-UM | ○ | ● | | ○ | 1/4 | 0.238 | 0.094 | 0.016 | 0.250 | 0.110 |
| | | CCGT 2(1.5)0-UM | ○ | ● | | ○ | 1/4 | 0.246 | 0.094 | 0.008 | 0.250 | 0.110 |
| | | CCGT 2(1.5)03-UM | ○ | ● | | ○ | 1/4 | 0.250 | 0.094 | 0.004 | 0.250 | 0.110 |
| | | CCGT 2(1.5)1-UM | ○ | ● | | ○ | 1/4 | 0.238 | 0.094 | 0.016 | 0.250 | 0.110 |
| | | CCGT 3(2.5)0-UM | ○ | ● | | ○ | 3/8 | 0.373 | 0.156 | 0.008 | 0.375 | 0.173 |
| | | CCGT 3(2.5)03-UM | ○ | ● | | ○ | 3/8 | 0.377 | 0.156 | 0.004 | 0.375 | 0.173 |
| | | CCGT 3(2.5)1-UM | ○ | ● | | ○ | 3/8 | 0.365 | 0.156 | 0.016 | 0.375 | 0.173 |
| | | CCGT 3(2.5)2-UM | ○ | ● | | ○ | 3/8 | 0.349 | 0.156 | 0.031 | 0.375 | 0.173 |

● = First choice ○ = Good choice

# CoroTurn® 107, insert for turning

D-style insert (Rhombic 55°)





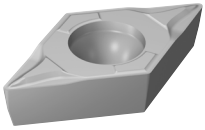

Metric (mm)

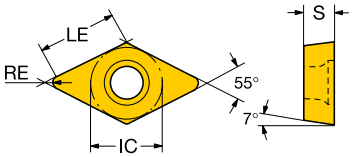
| | | | P | S | | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1210 | 1205 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Finishing | MF | DCMT 07 02 02-MF | ○ | ● | | ○ | 07 | 7.6 | 2.38 | 0.2 | 6.35 | 2.80 |
| | | DCMT 07 02 04-MF | ○ | ● | | ○ | 07 | 7.4 | 2.38 | 0.4 | 6.35 | 2.80 |
| | | DCMT 11 T3 02-MF | ○ | ● | | ○ | 11 | 11.4 | 3.97 | 0.2 | 9.52 | 4.40 |
| | | DCMT 11 T3 04-MF | ○ | ● | | ○ | 11 | 11.2 | 3.97 | 0.4 | 9.52 | 4.40 |
| | | DCMT 11 T3 08-MF | ○ | ● | | ○ | 11 | 10.8 | 3.97 | 0.8 | 9.52 | 4.40 |
| Medium | AL | DCGX 07 02 02-AL | | ● | | ○ | 07 | 7.6 | 2.38 | 0.2 | 6.35 | 2.80 |
| | | DCGX 07 02 04-AL | | ● | | ○ | 07 | 7.4 | 2.38 | 0.4 | 6.35 | 2.80 |
| | | DCGX 11 T3 02-AL | | ● | | ○ | 11 | 11.4 | 3.97 | 0.2 | 9.52 | 4.40 |
| | | DCGX 11 T3 04-AL | | ● | | ○ | 11 | 11.2 | 3.97 | 0.4 | 9.52 | 4.40 |
| | | DCGX 11 T3 08-AL | | ● | | ○ | 11 | 10.8 | 3.97 | 0.8 | 9.52 | 4.40 |
| | MM | DCMT 07 02 04-MM | ○ | ● | | ○ | 07 | 7.4 | 2.38 | 0.4 | 6.35 | 2.80 |
| | | DCMT 07 02 08-MM | ○ | ● | | ○ | 07 | 7.0 | 2.38 | 0.8 | 6.35 | 2.80 |
| | | DCMT 11 T3 04-MM | ○ | ● | | ○ | 11 | 11.2 | 3.97 | 0.4 | 9.52 | 4.40 |
| | | DCMT 11 T3 08-MM | ○ | ● | | ○ | 11 | 10.8 | 3.97 | 0.8 | 9.52 | 4.40 |
| | SMC | DCMT 11 T3 04-SMC | | | ● | | 11 | 11.2 | 3.97 | 0.4 | 9.52 | 4.40 |
| | | DCMT 11 T3 08-SMC | | | ● | | 11 | 10.8 | 3.97 | 0.8 | 9.52 | 4.40 |
| | | DCMT 11 T3 12-SMC | | | ● | | 11 | 10.4 | 3.97 | 1.2 | 9.52 | 4.40 |
| | UM | DCET 07 02 00-UM | ○ | ● | | ○ | 07 | 7.7 | 2.38 | 0.1 | 6.35 | 2.80 |
| | | DCET 07 02 01-UM | ○ | ● | | ○ | 07 | 7.7 | 2.38 | 0.1 | 6.35 | 2.80 |
| | | DCET 11 T3 01-UM | ○ | ● | | ○ | 11 | 11.5 | 3.97 | 0.1 | 9.52 | 4.40 |
| | | DCET 11 T3 02-UM | ○ | ● | | ○ | 11 | 11.4 | 3.97 | 0.2 | 9.52 | 4.40 |
| | | DCET 11 T3 04-UM | ○ | ● | | ○ | 11 | 11.2 | 3.97 | 0.4 | 9.52 | 4.40 |
| | | DCGT 07 02 01-UM | ○ | ● | | ○ | 07 | 7.7 | 2.38 | 0.1 | 6.35 | 2.80 |
| | | DCGT 07 02 02-UM | ○ | ● | | ○ | 07 | 7.6 | 2.38 | 0.2 | 6.35 | 2.80 |
| | | DCGT 07 02 04-UM | ○ | ● | | ○ | 07 | 7.4 | 2.38 | 0.4 | 6.35 | 2.80 |
| | | DCGT 07 02 08-UM | ○ | ● | | ○ | 07 | 7.0 | 2.38 | 0.8 | 6.35 | 2.80 |
| | | DCGT 11 T3 01-UM | ○ | ● | | ○ | 11 | 11.5 | 3.97 | 0.1 | 9.52 | 4.40 |
| | | DCGT 11 T3 02-UM | ○ | ● | | ○ | 11 | 11.4 | 3.97 | 0.2 | 9.52 | 4.40 |
| | | DCGT 11 T3 04-UM | ○ | ● | | ○ | 11 | 11.2 | 3.97 | 0.4 | 9.52 | 4.40 |
| | | DCGT 11 T3 08-UM | ○ | ● | | ○ | 11 | 10.8 | 3.97 | 0.8 | 9.52 | 4.40 |

● = First choice ○ = Good choice

# CoroTurn® 107, insert for turning

D-style insert (Rhombic 55°)





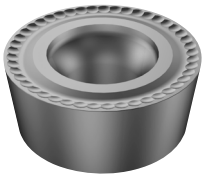

Imperial (inch)

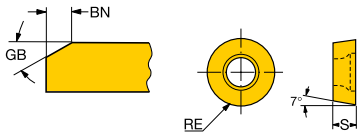
| | | | P | S | | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1205 | 1210 | 1205 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Finishing | MF | DCMT 2(1.5)0-MF | ○ | ● | | ○ | 1/4 | 0.297 | 0.094 | 0.008 | 0.250 | 0.110 |
| | | DCMT 2(1.5)1-MF | ○ | ● | | ○ | 1/4 | 0.289 | 0.094 | 0.016 | 0.250 | 0.110 |
| | | DCMT 3(2.5)0-MF | ○ | ● | | ○ | 3/8 | 0.450 | 0.156 | 0.008 | 0.375 | 0.173 |
| | | DCMT 3(2.5)1-MF | ○ | ● | | ○ | 3/8 | 0.442 | 0.156 | 0.016 | 0.375 | 0.173 |
| | | DCMT 3(2.5)2-MF | ○ | ● | | ○ | 3/8 | 0.426 | 0.156 | 0.031 | 0.375 | 0.173 |
| Medium | AL | DCGX 2(1.5)0-AL | | ● | | ○ | 1/4 | 0.297 | 0.094 | 0.008 | 0.250 | 0.110 |
| | | DCGX 2(1.5)1-AL | | ● | | ○ | 1/4 | 0.289 | 0.094 | 0.016 | 0.250 | 0.110 |
| | | DCGX 3(2.5)0-AL | | ● | | ○ | 3/8 | 0.450 | 0.156 | 0.008 | 0.375 | 0.173 |
| | | DCGX 3(2.5)1-AL | | ● | | ○ | 3/8 | 0.442 | 0.156 | 0.016 | 0.375 | 0.173 |
| | | DCGX 3(2.5)2-AL | | ● | | ○ | 3/8 | 0.426 | 0.156 | 0.031 | 0.375 | 0.173 |
| | MM | DCMT 2(1.5)1-MM | ○ | ● | | ○ | 1/4 | 0.289 | 0.094 | 0.016 | 0.250 | 0.110 |
| | | DCMT 2(1.5)2-MM | ○ | ● | | ○ | 1/4 | 0.274 | 0.094 | 0.031 | 0.250 | 0.110 |
| | | DCMT 3(2.5)1-MM | ○ | ● | | ○ | 3/8 | 0.442 | 0.156 | 0.016 | 0.375 | 0.173 |
| | | DCMT 3(2.5)2-MM | ○ | ● | | ○ | 3/8 | 0.426 | 0.156 | 0.031 | 0.375 | 0.173 |
| | SMC | DCMT 3(2.5)1-SMC | | | ● | | 3/8 | 0.442 | 0.156 | 0.016 | 0.375 | 0.173 |
| | | DCMT 3(2.5)2-SMC | | | ● | | 3/8 | 0.426 | 0.156 | 0.031 | 0.375 | 0.173 |
| | | DCMT 3(2.5)3-SMC | | | ● | | 3/8 | 0.411 | 0.156 | 0.047 | 0.375 | 0.173 |
| | UM | DCET 2(1.5)00-UM | ○ | ● | | ○ | 1/4 | 0.303 | 0.094 | 0.002 | 0.250 | 0.110 |
| | | DCET 2(1.5)03-UM | ○ | ● | | ○ | 1/4 | 0.301 | 0.094 | 0.004 | 0.250 | 0.110 |
| | | DCET 3(2.5)0-UM | ○ | ● | | ○ | 3/8 | 0.450 | 0.156 | 0.008 | 0.375 | 0.173 |
| | | DCET 3(2.5)03-UM | ○ | ● | | ○ | 3/8 | 0.454 | 0.156 | 0.004 | 0.375 | 0.173 |
| | | DCET 3(2.5)1-UM | ○ | ● | | ○ | 3/8 | 0.442 | 0.156 | 0.016 | 0.375 | 0.173 |
| | | DCGT 2(1.5)0-UM | ○ | ● | | ○ | 1/4 | 0.297 | 0.094 | 0.008 | 0.250 | 0.110 |
| | | DCGT 2(1.5)03-UM | ○ | ● | | ○ | 1/4 | 0.301 | 0.094 | 0.004 | 0.250 | 0.110 |
| | | DCGT 2(1.5)1-UM | ○ | ● | | ○ | 1/4 | 0.289 | 0.094 | 0.016 | 0.250 | 0.110 |
| | | DCGT 2(1.5)2-UM | ○ | ● | | ○ | 1/4 | 0.274 | 0.094 | 0.031 | 0.250 | 0.110 |
| | | DCGT 3(2.5)0-UM | ○ | ● | | ○ | 3/8 | 0.450 | 0.156 | 0.008 | 0.375 | 0.173 |
| | | DCGT 3(2.5)03-UM | ○ | ● | | ○ | 3/8 | 0.454 | 0.156 | 0.004 | 0.375 | 0.173 |
| | | DCGT 3(2.5)1-UM | ○ | ● | | ○ | 3/8 | 0.442 | 0.156 | 0.016 | 0.375 | 0.173 |
| | | DCGT 3(2.5)2-UM | ○ | ● | | ○ | 3/8 | 0.426 | 0.156 | 0.031 | 0.375 | 0.173 |

● = First choice ○ = Good choice

# CoroTurn® 107, insert for turning

R-style insert (round)






Metric (mm)

| | | | P | | S | | K | M | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 4415 | 1205 | 1210 | 4415 | 1205 | 1210 | SSC | S [mm] | RE [mm] | GB [deg] | IC [mm] | BN [mm] | D1 [mm] |
| Medium | 00 | RCMT 19 06 00 | | ● | | | ● | | | 19 | 6.35 | 9.5 | 15.0 | 19.05 | 0.15 | 6.50 |
| | M0 | RCMT 05 02 M0 | ○ | | ● | ○ | | ○ | ○ | 05 | 2.38 | 2.5 | | 5.00 | 0.10 | 2.50 |
| | | RCMT 06 02 M0 | ○ | | ● | | | ○ | | 06 | 2.38 | 3.0 | | 6.00 | 0.10 | 2.80 |
| | | RCMT 20 06 M0 | | ● | | | ● | | | 20 | 6.35 | 10.0 | 15.0 | 20.00 | 0.15 | 6.35 |
| | | RCMT 25 07 M0 | | ● | | | ● | | | 25 | 7.94 | 12.5 | 15.0 | 25.00 | 0.20 | 7.60 |

● = First choice ○ = Good choice

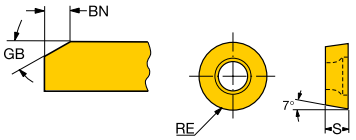
Imperial (inch)

| | | | P | | S | | K | M | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 4415 | 1205 | 1210 | 4415 | 1205 | 1210 | SSC | S [inch] | RE [inch] | GB [deg] | IC [inch] | BN [inch] | D1 [inch] |
| Medium | 00 | RCMT 64 | | ● | | | ● | | | 3/4 | 0.250 | 0.375 | 15.0 | 0.750 | 0.006 | 0.256 |
| | M0 | RCMT 05 02 M0 | ○ | | ● | ○ | | ○ | ○ | .197 | 0.094 | 0.098 | | 0.197 | 0.004 | 0.098 |
| | | RCMT 06 02 M0 | ○ | | ● | | | ○ | | .236 | 0.094 | 0.118 | | 0.236 | 0.004 | 0.110 |
| | | RCMT 20 06 M0 | | ● | | | ● | | | .787 | 0.250 | 0.394 | 15.0 | 0.787 | 0.006 | 0.250 |
| | | RCMT 25 07 M0 | | ● | | | ● | | | .984 | 0.313 | 0.492 | 15.0 | 0.984 | 0.008 | 0.299 |

● = First choice ○ = Good choice

# CoroTurn® 107, insert for turning

R-style insert (round)



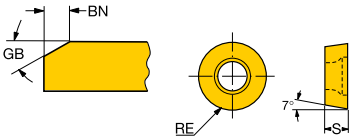

Metric (mm)

| | | | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1210 | 1205 | 1210 | SSC | S [mm] | RE [mm] | IC [mm] | BN [mm] | D1 [mm] |
| Medium | AL | RCGX 10 T3 M0-AL | ● | | ○ | | 10 | 3.97 | 5.0 | 10.00 | | 4.40 |
| | | RCGX 12 04 M0-AL | ● | | ○ | | 12 | 4.76 | 6.0 | 12.00 | | 4.40 |
| | SM | RCMT 06 03 00-SM | | ● | | ○ | 06 | 3.17 | 3.2 | 6.35 | | 2.80 |
| | | RCMT 08 03 M0-SM | ● | ○ | ○ | ○ | 08 | 3.17 | 4.0 | 8.00 | | 3.40 |
| | | RCMT 09 T3 00-SM | | ● | | ○ | 09 | 3.97 | 4.8 | 9.52 | 0.10 | 4.00 |
| | | RCMT 10 T3 M0-SM | ● | ○ | ○ | ○ | 10 | 3.97 | 5.0 | 10.00 | 0.10 | 4.40 |
| | | RCMT 12 04 00-SM | ● | ○ | ○ | ○ | 12 | 4.76 | 6.3 | 12.70 | 0.10 | 4.40 |
| | | RCMT 12 04 M0-SM | ● | ○ | ○ | ○ | 12 | 4.76 | 6.0 | 12.00 | 0.10 | 4.40 |
| | | RCMT 16 06 M0-SM | ● | ○ | ○ | ○ | 16 | 6.35 | 8.0 | 16.00 | 0.10 | 5.50 |

● = First choice ○ = Good choice

# CoroTurn® 107, insert for turning

R-style insert (round)



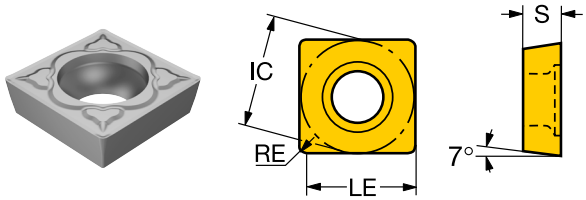

Imperial (inch)

| | | | S | | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1210 | 1205 | 1210 | SSC | S [inch] | RE [inch] | IC [inch] | BN [inch] | D1 [inch] |
| Medium | AL | RCGX 10 T3 M0-AL | ● | | ○ | | .394 | 0.156 | 0.197 | 0.394 | | 0.173 |
| | | RCGX 12 04 M0-AL | ● | | ○ | | .472 | 0.188 | 0.236 | 0.472 | | 0.173 |
| | SM | RCMT 08 03 M0-SM | ● | ○ | ○ | ○ | .315 | 0.125 | 0.157 | 0.315 | | 0.134 |
| | | RCMT 10 T3 M0-SM | ● | ○ | ○ | ○ | .394 | 0.156 | 0.197 | 0.394 | 0.004 | 0.173 |
| | | RCMT 12 04 M0-SM | ● | ○ | ○ | ○ | .472 | 0.188 | 0.236 | 0.472 | 0.004 | 0.173 |
| | | RCMT 16 06 M0-SM | ● | ○ | ○ | ○ | .630 | 0.250 | 0.315 | 0.630 | 0.004 | 0.217 |
| | | RCMT 22-SM | | ● | | ○ | 1/4 | 0.125 | 0.125 | 0.250 | | 0.110 |
| | | RCMT 3(2.5)-SM | | ● | | ○ | 3/8 | 0.156 | 0.188 | 0.375 | 0.004 | 0.157 |
| | | RCMT 43-SM | ● | ○ | ○ | ○ | 1/2 | 0.188 | 0.250 | 0.500 | 0.004 | 0.173 |

● = First choice ○ = Good choice

# CoroTurn® 107, insert for turning

S-style insert (square)




Metric (mm)

| | | | P | S | | | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1210 | 1205 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Medium | MM | SCMT 09 T3 04-MM | ○ | ● | | ○ | 09 | 9.1 | 3.97 | 0.4 | 9.52 | 4.40 |
| | | SCMT 09 T3 08-MM | ○ | ● | | ○ | 09 | 8.7 | 3.97 | 0.8 | 9.52 | 4.40 |
| | SMC | SCMT 09 T3 04-SMC | | | ● | | 09 | 9.1 | 3.97 | 0.4 | 9.52 | 4.40 |
| | | SCMT 09 T3 08-SMC | | | ● | | 09 | 8.7 | 3.97 | 0.8 | 9.52 | 4.40 |

● = First choice ○ = Good choice

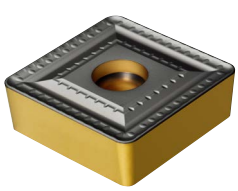
Imperial (inch)

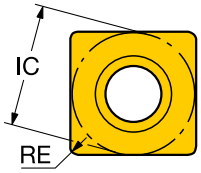
| | | | P | S | | | M | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1205 | 1210 | 1205 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Medium | MM | SCMT 3(2.5)1-MM | ○ | ● | | ○ | 3/8 | 0.359 | 0.156 | 0.016 | 0.375 | 0.173 |
| | | SCMT 3(2.5)2-MM | ○ | ● | | ○ | 3/8 | 0.344 | 0.156 | 0.031 | 0.375 | 0.173 |
| | SMC | SCMT 3(2.5)1-SMC | | | ● | | 3/8 | 0.359 | 0.156 | 0.016 | 0.375 | 0.173 |
| | | SCMT 3(2.5)2-SMC | | | ● | | 3/8 | 0.344 | 0.156 | 0.031 | 0.375 | 0.173 |

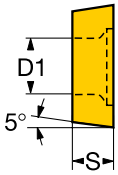
● = First choice ○ = Good choice

# CoroTurn® 107, insert for turning

S-style insert (square)






Metric (mm)

| | | P | K | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **4415** | **4415** | **SSC** | **LE [mm]** | **S [mm]** | **RE [mm]** | **IC [mm]** | **D1 [mm]** |
| **Roughing** | SBMT 38 12 32-XH | ● | ● | 38 | 34.9 | 12.70 | 3.2 | 38.10 | 9.00 |
| **XH** | | | | | | | | | |
| | | | | | | | | | |

● = First choice ○ = Good choice

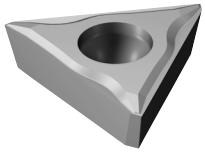
Imperial (inch)

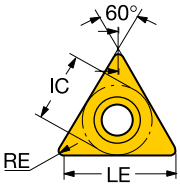
| | | P | K | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code ANSI** | **4415** | **4415** | **SSC** | **LE [inch]** | **S [inch]** | **RE [inch]** | **IC [inch]** | **D1 [inch]** |
| **Roughing** | SBMT 38 12 32-XH | ● | ● | 1 1/2 | 1.374 | 0.500 | 0.125 | 1.500 | 0.354 |
| **XH** | | | | | | | | | |
| | | | | | | | | | |

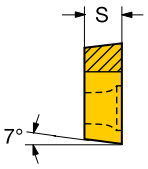
● = First choice ○ = Good choice

# CoroTurn® 107, insert for turning

T-style insert (triangular)





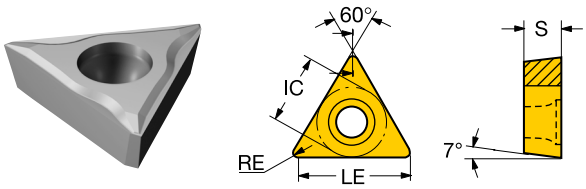

Metric (mm)

| | | | P | S | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1205 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Finishing | F | TCEX 05 01 00L-F | ○ | ● | ○ | 05 | 5.6 | 1.40 | 0.0 | 3.17 | 2.25 |
| | | TCEX 05 01 01L-F | ○ | ● | ○ | 05 | 5.5 | 1.40 | 0.1 | 3.17 | 2.25 |
| | | TCEX 05 01 01R-F | ○ | ● | ○ | 05 | 5.5 | 1.40 | 0.1 | 3.17 | 2.25 |
| | | TCEX 06 T1 01L-F | ○ | ● | ○ | 06 | 6.5 | 1.98 | 0.1 | 3.97 | 2.20 |
| | | TCEX 06 T1 02L-F | ○ | ● | ○ | 06 | 6.4 | 1.98 | 0.2 | 3.97 | 2.20 |
| | | TCEX 09 02 02L-F | ○ | ● | ○ | 09 | 9.2 | 2.38 | 0.2 | 5.56 | 2.50 |
| | | TCEX 11 03 01L-F | ○ | ● | ○ | 11 | 10.6 | 3.17 | 0.1 | 6.35 | 2.80 |
| | MF | TCMT 06 T1 02-MF | ○ | ● | ○ | 06 | 6.4 | 1.98 | 0.2 | 3.97 | 2.20 |
| | | TCMT 06 T1 04-MF | ○ | ● | ○ | 06 | 6.2 | 1.98 | 0.4 | 3.97 | 2.20 |
| | | TCMT 06 T1 08-MF | ○ | ● | ○ | 06 | 5.8 | 1.98 | 0.8 | 3.97 | 2.20 |
| | | TCMT 09 02 02-MF | ○ | ● | ○ | 09 | 9.2 | 2.38 | 0.2 | 5.56 | 2.50 |
| | | TCMT 09 02 04-MF | ○ | ● | ○ | 09 | 9.0 | 2.38 | 0.4 | 5.56 | 2.50 |
| | | TCMT 11 03 02-MF | ○ | ● | ○ | 11 | 10.5 | 3.17 | 0.2 | 6.35 | 2.80 |
| | | TCMT 11 03 04-MF | ○ | ● | ○ | 11 | 10.3 | 3.17 | 0.4 | 6.35 | 2.80 |
| Medium | MM | TCMT 09 02 04-MM | ○ | ● | ○ | 09 | 9.0 | 2.38 | 0.4 | 5.56 | 2.50 |
| | | TCMT 09 02 08-MM | ○ | ● | ○ | 09 | 8.6 | 2.38 | 0.8 | 5.56 | 2.50 |
| | | TCMT 11 03 04-MM | ○ | ● | ○ | 11 | 10.3 | 3.17 | 0.4 | 6.35 | 2.80 |
| | | TCMT 11 03 08-MM | ○ | ● | ○ | 11 | 9.0 | 3.17 | 0.8 | 6.35 | 2.80 |
| | | TCMT 16 T3 04-MM | ○ | ● | ○ | 16 | 16.1 | 3.97 | 0.4 | 9.52 | 4.40 |
| | | TCMT 16 T3 08-MM | ○ | ● | ○ | 16 | 15.7 | 3.97 | 0.8 | 9.52 | 4.40 |
| | UM | TCGT 16 T3 04-UM | ○ | ● | ○ | 16 | 16.1 | 3.97 | 0.4 | 9.52 | 4.40 |
| | | TCGT 16 T3 08-UM | ○ | ● | ○ | 16 | 15.7 | 3.97 | 0.8 | 9.52 | 4.40 |

● = First choice ○ = Good choice

# CoroTurn® 107, insert for turning

T-style insert (triangular)



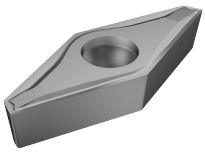

Imperial (inch)

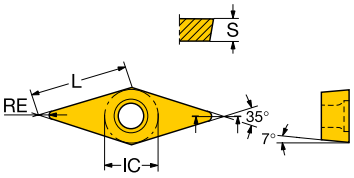
| | | | P | S | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1205 | 1205 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Finishing | F | TCEX 1(1)00L-F | ○ | ● | ○ | 1/8 | 0.219 | 0.055 | 0.001 | 0.125 | 0.089 |
| | | TCEX 1(1)03L-F | ○ | ● | ○ | 1/8 | 0.215 | 0.055 | 0.004 | 0.125 | 0.089 |
| | | TCEX 1(1)03R-F | ○ | ● | ○ | 1/8 | 0.215 | 0.055 | 0.004 | 0.125 | 0.089 |
| | | TCEX 1.2(1.2)03L-F | ○ | ● | ○ | 5/32 | 0.257 | 0.078 | 0.004 | 0.156 | 0.087 |
| | | TCEX 1.2(1.2)0L-F | ○ | ● | ○ | 5/32 | 0.253 | 0.078 | 0.008 | 0.156 | 0.087 |
| | | TCEX 1.8(1.5)0L-F | ○ | ● | ○ | 7/32 | 0.361 | 0.094 | 0.008 | 0.219 | 0.098 |
| | | TCEX 22(03)L-F | ○ | ● | ○ | 1/4 | 0.419 | 0.125 | 0.004 | 0.250 | 0.110 |
| | MF | TCMT 1.2(1.2)0-MF | ○ | ● | ○ | 5/32 | 0.253 | 0.078 | 0.008 | 0.156 | 0.087 |
| | | TCMT 1.2(1.2)1-MF | ○ | ● | ○ | 5/32 | 0.245 | 0.078 | 0.016 | 0.156 | 0.087 |
| | | TCMT 1.2(1.2)2-MF | ○ | ● | ○ | 5/32 | 0.229 | 0.078 | 0.031 | 0.156 | 0.087 |
| | | TCMT 1.8(1.5)0-MF | ○ | ● | ○ | 7/32 | 0.361 | 0.094 | 0.008 | 0.219 | 0.098 |
| | | TCMT 1.8(1.5)1-MF | ○ | ● | ○ | 7/32 | 0.353 | 0.094 | 0.016 | 0.219 | 0.098 |
| | | TCMT 220-MF | ○ | ● | ○ | 1/4 | 0.415 | 0.125 | 0.008 | 0.250 | 0.110 |
| | | TCMT 221-MF | ○ | ● | ○ | 1/4 | 0.407 | 0.125 | 0.016 | 0.250 | 0.110 |
| Medium | MM | TCMT 1.8(1.5)1-MM | ○ | ● | ○ | 7/32 | 0.353 | 0.094 | 0.016 | 0.219 | 0.098 |
| | | TCMT 1.8(1.5)2-MM | ○ | ● | ○ | 7/32 | 0.337 | 0.094 | 0.031 | 0.219 | 0.098 |
| | | TCMT 221-MM | ○ | ● | ○ | 1/4 | 0.407 | 0.125 | 0.016 | 0.250 | 0.110 |
| | | TCMT 222-MM | ○ | ● | ○ | 1/4 | 0.356 | 0.125 | 0.031 | 0.250 | 0.110 |
| | | TCMT 3(2.5)1-MM | ○ | ● | ○ | 3/8 | 0.634 | 0.156 | 0.016 | 0.375 | 0.173 |
| | | TCMT 3(2.5)2-MM | ○ | ● | ○ | 3/8 | 0.618 | 0.156 | 0.031 | 0.375 | 0.173 |
| | UM | TCGT 3(2.5)1-UM | ○ | ● | ○ | 3/8 | 0.634 | 0.156 | 0.016 | 0.375 | 0.173 |
| | | TCGT 3(2.5)2-UM | ○ | ● | ○ | 3/8 | 0.618 | 0.156 | 0.031 | 0.375 | 0.173 |

● = First choice ○ = Good choice

# CoroTurn® 107, insert for turning

V-style insert (Rhombic 35°)





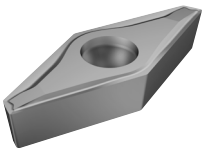

Metric (mm)

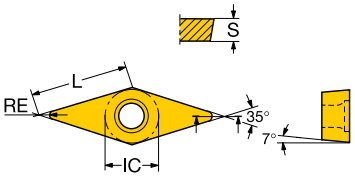
| | | | P | S | | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1210 | 1205 | SSC | LE [mm] | S [mm] | RE [mm] | IC [mm] | D1 [mm] |
| Finishing | F | VCEX 11 03 00L-F | ○ | ● | | ○ | 11 | 11.1 | 3.17 | 0.0 | 6.35 | 2.80 |
| | | VCEX 11 03 00R-F | ○ | ● | | ○ | 11 | 11.1 | 3.17 | 0.0 | 6.35 | 2.80 |
| | | VCEX 11 03 01L-F | ○ | ● | | ○ | 11 | 11.0 | 3.17 | 0.1 | 6.35 | 2.80 |
| | | VCEX 11 03 01R-F | ○ | ● | | ○ | 11 | 11.0 | 3.17 | 0.1 | 6.35 | 2.80 |
| | MF | VBMT 11 03 02-MF | ○ | ● | | ○ | 11 | 10.9 | 3.17 | 0.2 | 6.35 | 2.80 |
| | | VBMT 11 03 04-MF | ○ | ● | | ○ | 11 | 10.7 | 3.17 | 0.4 | 6.35 | 2.80 |
| | | VBMT 11 03 08-MF | ○ | ● | | ○ | 11 | 10.3 | 3.17 | 0.8 | 6.35 | 2.80 |
| | | VBMT 16 04 02-MF | ○ | ● | | ○ | 16 | 16.4 | 4.76 | 0.2 | 9.52 | 4.40 |
| | | VBMT 16 04 04-MF | ○ | ● | | ○ | 16 | 16.2 | 4.76 | 0.4 | 9.52 | 4.40 |
| | | VBMT 16 04 08-MF | ○ | ● | | ○ | 16 | 15.8 | 4.76 | 0.8 | 9.52 | 4.40 |
| Medium | AL | VCGX 11 03 04-AL | | ● | | ○ | 11 | 10.7 | 3.17 | 0.4 | 6.35 | 2.80 |
| | | VCGX 16 04 04-AL | | ● | | ○ | 16 | 16.2 | 4.76 | 0.4 | 9.52 | 4.40 |
| | | VCGX 16 04 08-AL | | ● | | ○ | 16 | 15.8 | 4.76 | 0.8 | 9.52 | 4.40 |
| | MM | VBMT 16 04 04-MM | ○ | ● | | ○ | 16 | 16.2 | 4.76 | 0.4 | 9.52 | 4.40 |
| | | VBMT 16 04 08-MM | ○ | ● | | ○ | 16 | 15.8 | 4.76 | 0.8 | 9.52 | 4.40 |
| | SMC | VBMT 16 04 04-SMC | | | ● | | 16 | 16.2 | 4.76 | 0.4 | 9.52 | 4.40 |
| | | VBMT 16 04 08-SMC | | | ● | | 16 | 15.8 | 4.76 | 0.8 | 9.52 | 4.40 |
| | | VBMT 16 04 12-SMC | | | ● | | 16 | 15.4 | 4.76 | 1.2 | 9.52 | 4.40 |
| | UM | VBGT 16 04 01-UM | ○ | ● | | ○ | 16 | 16.5 | 4.76 | 0.1 | 9.52 | 4.40 |
| | | VBGT 16 04 02-UM | ○ | ● | | ○ | 16 | 16.4 | 4.76 | 0.2 | 9.52 | 4.40 |
| | | VBGT 16 04 04-UM | ○ | ● | | ○ | 16 | 16.2 | 4.76 | 0.4 | 9.52 | 4.40 |
| | | VBGT 16 04 08-UM | ○ | ● | | ○ | 16 | 15.8 | 4.76 | 0.8 | 9.52 | 4.40 |
| | | VCET 11 03 01-UM | ○ | ● | | ○ | 11 | 11.0 | 3.17 | 0.1 | 6.35 | 2.80 |
| | | VCET 11 03 02-UM | ○ | ● | | ○ | 11 | 10.9 | 3.17 | 0.2 | 6.35 | 2.80 |

● = First choice ○ = Good choice

# CoroTurn® 107, insert for turning

V-style insert (Rhombic 35°)





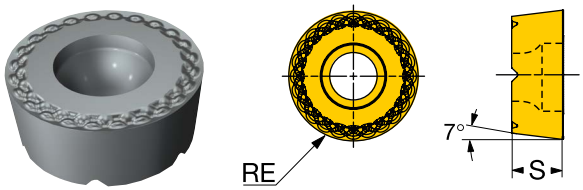

Imperial (inch)

| | | | P | S | | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1205 | 1210 | 1205 | SSC | LE [inch] | S [inch] | RE [inch] | IC [inch] | D1 [inch] |
| Finishing | F | VCEX 22(00)L-F | ○ | ● | | ○ | 1/4 | 0.436 | 0.125 | 0.001 | 0.250 | 0.110 |
| | | VCEX 22(00)R-F | ○ | ● | | ○ | 1/4 | 0.436 | 0.125 | 0.001 | 0.250 | 0.110 |
| | | VCEX 22(03)L-F | ○ | ● | | ○ | 1/4 | 0.432 | 0.125 | 0.004 | 0.250 | 0.110 |
| | | VCEX 22(03)R-F | ○ | ● | | ○ | 1/4 | 0.432 | 0.125 | 0.004 | 0.250 | 0.110 |
| | MF | VBMT 220-MF | ○ | ● | | ○ | 1/4 | 0.428 | 0.125 | 0.008 | 0.250 | 0.110 |
| | | VBMT 221-MF | ○ | ● | | ○ | 1/4 | 0.420 | 0.125 | 0.016 | 0.250 | 0.110 |
| | | VBMT 222-MF | ○ | ● | | ○ | 1/4 | 0.404 | 0.125 | 0.031 | 0.250 | 0.110 |
| | | VBMT 330-MF | ○ | ● | | ○ | 3/8 | 0.646 | 0.188 | 0.008 | 0.375 | 0.173 |
| | | VBMT 331-MF | ○ | ● | | ○ | 3/8 | 0.638 | 0.188 | 0.016 | 0.375 | 0.173 |
| | | VBMT 332-MF | ○ | ● | | ○ | 3/8 | 0.622 | 0.188 | 0.031 | 0.375 | 0.173 |
| Medium | AL | VCGX 221-AL | | ● | | ○ | 1/4 | 0.420 | 0.125 | 0.016 | 0.250 | 0.110 |
| | | VCGX 331-AL | | ● | | ○ | 3/8 | 0.638 | 0.188 | 0.016 | 0.375 | 0.173 |
| | | VCGX 332-AL | | ● | | ○ | 3/8 | 0.622 | 0.188 | 0.031 | 0.375 | 0.173 |
| | MM | VBMT 331-MM | ○ | ● | | ○ | 3/8 | 0.638 | 0.188 | 0.016 | 0.375 | 0.173 |
| | | VBMT 332-MM | ○ | ● | | ○ | 3/8 | 0.622 | 0.188 | 0.031 | 0.375 | 0.173 |
| | SMC | VBMT 331-SMC | | | ● | | 3/8 | 0.638 | 0.188 | 0.016 | 0.375 | 0.173 |
| | | VBMT 332-SMC | | | ● | | 3/8 | 0.622 | 0.188 | 0.031 | 0.375 | 0.173 |
| | | VBMT 333-SMC | | | ● | | 3/8 | 0.607 | 0.188 | 0.047 | 0.375 | 0.173 |
| | UM | VBGT 330-UM | ○ | ● | | ○ | 3/8 | 0.646 | 0.188 | 0.008 | 0.375 | 0.173 |
| | | VBGT 3303-UM | ○ | ● | | ○ | 3/8 | 0.650 | 0.188 | 0.004 | 0.375 | 0.173 |
| | | VBGT 331-UM | ○ | ● | | ○ | 3/8 | 0.638 | 0.188 | 0.016 | 0.375 | 0.173 |
| | | VBGT 332-UM | ○ | ● | | ○ | 3/8 | 0.622 | 0.188 | 0.031 | 0.375 | 0.173 |
| | | VCET 22(03)-UM | ○ | ● | | ○ | 1/4 | 0.432 | 0.125 | 0.004 | 0.250 | 0.110 |
| | | VCET 220-UM | ○ | ● | | ○ | 1/4 | 0.428 | 0.125 | 0.008 | 0.250 | 0.110 |

● = First choice ○ = Good choice

# CoroTurn® 107, insert with rail interface for turning

R-style insert (round)



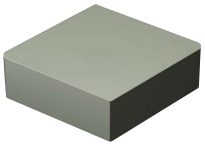

Metric (mm)

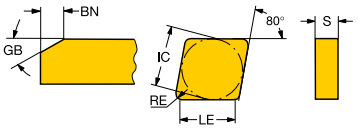
| | | | P | S | M | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | 1205 | SSC | S [mm] | RE [mm] | IC [mm] |
| Finishing | L3 | RCMT 08 03 MP-L3 | ○ | ● | ○ | 08 | 3.17 | 4.0 | 8.00 |
| | | RCMT 10 T3 MP-L3 | ○ | ● | ○ | 10 | 3.97 | 5.0 | 10.00 |
| | | RCMT 12 04 MP-L3 | ○ | ● | ○ | 12 | 4.76 | 6.0 | 12.00 |
| | | RCMT 16 06 MP-L3 | ○ | ● | ○ | 16 | 6.35 | 8.0 | 16.00 |
| Medium | M3 | RCMT 08 03 MP-M3 | ○ | ● | ○ | 08 | 3.17 | 4.0 | 8.00 |
| | | RCMT 10 T3 MP-M3 | ○ | ● | ○ | 10 | 3.97 | 5.0 | 10.00 |
| | | RCMT 12 04 MP-M3 | ○ | ● | ○ | 12 | 4.76 | 6.0 | 12.00 |
| | | RCMT 16 06 MP-M3 | ○ | ● | ○ | 16 | 6.35 | 8.0 | 16.00 |
| Roughing | H7 | RCMT 08 03 MP-H7 | ○ | ● | ○ | 08 | 3.17 | 4.0 | 8.00 |
| | | RCMT 10 T3 MP-H7 | ○ | ● | ○ | 10 | 3.97 | 5.0 | 10.00 |
| | | RCMT 12 04 MP-H7 | ○ | ● | ○ | 12 | 4.76 | 6.0 | 12.00 |
| | | RCMT 16 06 MP-H7 | ○ | ● | ○ | 16 | 6.35 | 8.0 | 16.00 |

● = First choice ○ = Good choice

# T-Max®, insert for turning

C-style insert (Rhombic 80°)






Metric (mm)

| | | S | H | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **675** | **675** | **SSC** | **LE [mm]** | **S [mm]** | **RE [mm]** | **GB [deg]** | **IC [mm]** | **BN [mm]** |
| **Finishing** | CNGN120408T01020 | ● | ● | 12 | 12.1 | 4.76 | 0.8 | 20.0 | 12.70 | 0.10 |
| | CNGN120412T01020 | ● | ● | 12 | 11.7 | 4.76 | 1.2 | 20.0 | 12.70 | 0.10 |
| | CNGN120412T02520 | ● | ● | 12 | 11.7 | 4.76 | 1.2 | 20.0 | 12.70 | 0.25 |
| | CNGN120416T01020 | ● | ● | 12 | 11.3 | 4.76 | 1.6 | 20.0 | 12.70 | 0.10 |
| | CNGN160712T01020 | ● | ● | 16 | 14.9 | 7.94 | 1.2 | 20.0 | 15.88 | 0.10 |
| **Medium** | CNGN120708T01020 | ● | ● | 12 | 12.1 | 7.94 | 0.8 | 20.0 | 12.70 | 0.10 |
| | CNGN120712T01020 | ● | ● | 12 | 11.7 | 7.94 | 1.2 | 20.0 | 12.70 | 0.10 |
| | CNGN120716T01020 | ● | ● | 12 | 11.3 | 7.94 | 1.6 | 20.0 | 12.70 | 0.10 |

● = First choice ○ = Good choice

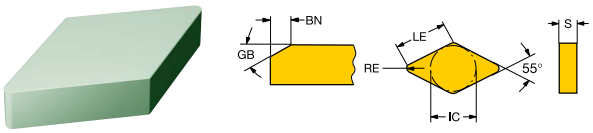
Imperial (inch)

| | | S | H | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code ANSI** | **675** | **675** | **SSC** | **LE [inch]** | **S [inch]** | **RE [inch]** | **GB [deg]** | **IC [inch]** | **BN [inch]** |
| **Finishing** | CNG 432T0320 | ● | ● | 1/2 | 0.476 | 0.188 | 0.031 | 20.0 | 0.500 | 0.004 |
| | CNG 433 T0820 | ● | ● | 1/2 | 0.460 | 0.188 | 0.047 | 20.0 | 0.500 | 0.010 |
| | CNG 433T0320 | ● | ● | 1/2 | 0.460 | 0.188 | 0.047 | 20.0 | 0.500 | 0.004 |
| | CNG 434T0320 | ● | ● | 1/2 | 0.445 | 0.188 | 0.063 | 20.0 | 0.500 | 0.004 |
| | CNG 553T0320 | ● | ● | 5/8 | 0.587 | 0.313 | 0.047 | 20.0 | 0.625 | 0.004 |
| **Medium** | CNG 452 T0320 | ● | ● | 1/2 | 0.476 | 0.313 | 0.031 | 20.0 | 0.500 | 0.004 |
| | CNG 453T0320 | ● | ● | 1/2 | 0.460 | 0.313 | 0.047 | 20.0 | 0.500 | 0.004 |
| | CNG 454T0320 | ● | ● | 1/2 | 0.445 | 0.313 | 0.063 | 20.0 | 0.500 | 0.004 |

● = First choice ○ = Good choice

# T-Max®, insert for turning

D-style insert (Rhombic 55°). Ceramic grades




Metric (mm)

| | Ordering code | S 675 | H 675 | SSC | LE [mm] | S [mm] | RE [mm] | GB [deg] | IC [mm] | BN [mm] |
|---|---|---|---|---|---|---|---|---|---|---|
| Finishing | DNGN150408T01020 | ● | ● | 15 | 14.7 | 4.76 | 0.8 | 20.0 | 12.70 | 0.10 |
| | DNGN150412T01020 | ● | ● | 15 | 14.3 | 4.76 | 1.2 | 20.0 | 12.70 | 0.10 |
| | DNGN150708T01020 | ● | ● | 15 | 14.7 | 7.94 | 0.8 | 20.0 | 12.70 | 0.10 |
| | DNGN150712T01020 | ● | ● | 15 | 14.3 | 7.94 | 1.2 | 20.0 | 12.70 | 0.10 |
| | DNGN150716T01020 | ● | ● | 15 | 13.9 | 7.94 | 1.6 | 20.0 | 12.70 | 0.10 |

● = First choice ○ = Good choice

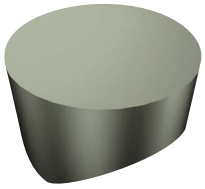
Imperial (inch)

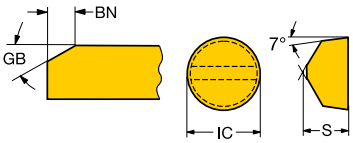
| | Ordering code ANSI | S 675 | H 675 | SSC | LE [inch] | S [inch] | RE [inch] | GB [deg] | IC [inch] | BN [inch] |
|---|---|---|---|---|---|---|---|---|---|---|
| Finishing | DNG 432 T0320 | ● | ● | 1/2 | 0.579 | 0.188 | 0.031 | 20.0 | 0.500 | 0.004 |
| | DNG 433 T0320 | ● | ● | 1/2 | 0.563 | 0.188 | 0.047 | 20.0 | 0.500 | 0.004 |
| | DNG 452T0320 | ● | ● | 1/2 | 0.579 | 0.313 | 0.031 | 20.0 | 0.500 | 0.004 |
| | DNG 453T0320 | ● | ● | 1/2 | 0.563 | 0.313 | 0.047 | 20.0 | 0.500 | 0.004 |
| | DNG 454T0320 | ● | ● | 1/2 | 0.547 | 0.313 | 0.063 | 20.0 | 0.500 | 0.004 |

● = First choice ○ = Good choice

# T-Max®, insert for turning

R-style insert (round). Ceramic grades






Metric (mm)

| | | | S | | H | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 675 | 6160 | 675 | SSC | S [mm] | RE [mm] | GB [deg] | IC [mm] | BN [mm] |
| Medium | | RCGX060600T01020 | ● | | ● | 06 | 6.35 | 3.2 | 20.0 | 6.35 | 0.10 |
| | | RCGX090700T01020 | ● | | ● | 09 | 7.94 | 4.8 | 20.0 | 9.52 | 0.10 |
| | | RCGX120700T01020 | ● | | ● | 12 | 7.94 | 6.3 | 20.0 | 12.70 | 0.10 |
| | E | RCGX060600E | ● | | ● | 06 | 6.35 | 3.2 | | 6.35 | |
| | E | RCGX090700E | ● | | ● | 09 | 7.94 | 4.8 | | 9.52 | |
| | E | RCGX120700E | ● | | ● | 12 | 7.94 | 6.3 | | 12.70 | |
| | SM | RCMX 12 07 00-SM | | ● | | 12 | 7.94 | 6.3 | | 12.70 | |

● = First choice ○ = Good choice

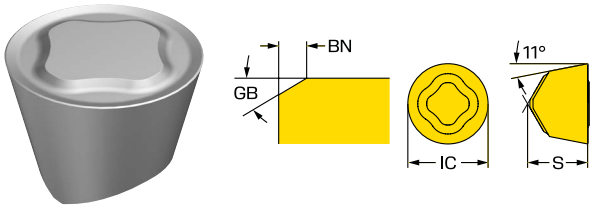
Imperial (inch)

| | | | S | | H | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 675 | 6160 | 675 | SSC | S [inch] | RE [inch] | GB [deg] | IC [inch] | BN [inch] |
| Medium | | RCGX 24T0320 | ● | | ● | 1/4 | 0.250 | 0.125 | 20.0 | 0.250 | 0.004 |
| | | RCGX 35T0320 | ● | | ● | 3/8 | 0.313 | 0.188 | 20.0 | 0.375 | 0.004 |
| | | RCGX 45T0320 | ● | | ● | 1/2 | 0.313 | 0.250 | 20.0 | 0.500 | 0.004 |
| | E | RCGX 24A | ● | | ● | 1/4 | 0.250 | 0.125 | | 0.250 | |
| | E | RCGX 35A | ● | | ● | 3/8 | 0.313 | 0.188 | | 0.375 | |
| | E | RCGX 45A | ● | | ● | 1/2 | 0.313 | 0.250 | | 0.500 | |
| | SM | RCMX 12 07 00-SM | | ● | | 1/2 | 0.313 | 0.250 | | 0.500 | |

● = First choice ○ = Good choice

# T-Max®, insert for turning

R-style insert (round)




Metric (mm)

| | | | S | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1205 | 1205 | SSC | S [mm] | RE [mm] | GB [deg] | IC [mm] | BN [mm] |
| Medium | SM | RPMX 060400-SM | ● | ○ | 06 | 4.76 | 3.2 | 15.0 | 6.35 | 0.10 |
| | | RPMX 090700-SM | ● | ○ | 09 | 7.94 | 4.8 | 17.0 | 9.52 | 0.10 |

● = First choice ○ = Good choice

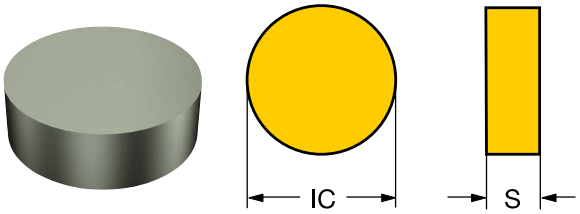
Imperial (inch)

| | | | S | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 1205 | 1205 | SSC | S [inch] | RE [inch] | GB [deg] | IC [inch] | BN [inch] |
| Medium | SM | RPMX 23-SM | ● | ○ | 1/4 | 0.188 | 0.125 | 15.0 | 0.250 | 0.004 |
| | | RPMX 35-SM | ● | ○ | 3/8 | 0.313 | 0.188 | 17.0 | 0.375 | 0.004 |

● = First choice ○ = Good choice

# T-Max®, insert for turning

R-style insert (round). Ceramic grades




Metric (mm)

| | | | S | H | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 675 | 675 | SSC | S [mm] | RE [mm] | IC [mm] |
| Medium | E | RNGN120700E | ● | ● | 12 | 7.94 | 6.3 | 12.70 |

● = First choice ○ = Good choice

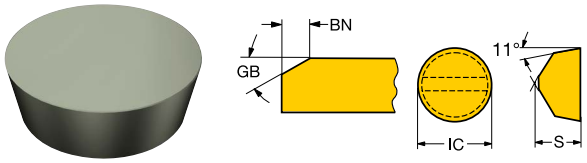
Imperial (inch)

| | | | S | H | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 675 | 675 | SSC | S [inch] | RE [inch] | IC [inch] |
| Medium | E | RNG 45A | ● | ● | 1/2 | 0.313 | 0.250 | 0.500 |

● = First choice ○ = Good choice

# T-Max®, insert for turning

R-style insert (round). Ceramic grades




Metric (mm)

| | | S | H | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **675** | **675** | **SSC** | **S [mm]** | **RE [mm]** | **GB [deg]** | **IC [mm]** | **BN [mm]** |
| **Finishing** | RPGN090300T01020 | ● | ● | 09 | 3.17 | 4.8 | 20.0 | 9.52 | 0.10 |
| **Medium** | RPGX090700T01020 | ● | ● | 09 | 7.94 | 4.8 | 20.0 | 9.52 | 0.10 |
| | RPGX120700T01020 | ● | ● | 12 | 7.94 | 6.3 | 20.0 | 12.70 | 0.10 |

● = First choice ○ = Good choice

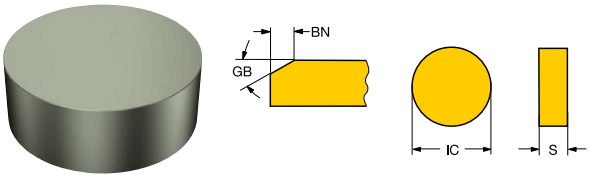
Imperial (inch)

| | | S | H | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code ANSI** | **675** | **675** | **SSC** | **S [inch]** | **RE [inch]** | **GB [deg]** | **IC [inch]** | **BN [inch]** |
| **Finishing** | RPG 32T0320 | ● | ● | 3/8 | 0.125 | 0.188 | 20.0 | 0.375 | 0.004 |
| **Medium** | RPGX 35T0320 | ● | ● | 3/8 | 0.313 | 0.188 | 20.0 | 0.375 | 0.004 |
| | RPGX 45T0320 | ● | ● | 1/2 | 0.313 | 0.250 | 20.0 | 0.500 | 0.004 |

● = First choice ○ = Good choice

# T-Max®, insert for turning

R-style insert (round). Ceramic grades




Metric (mm)

| | | S | H | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **675** | **675** | **SSC** | **S [mm]** | **RE [mm]** | **GB [deg]** | **IC [mm]** | **BN [mm]** |
| **Finishing** | RNGN090300T01020 | ● | ● | 09 | 3.17 | 4.8 | 20.0 | 9.52 | 0.10 |
| | RNGN120400T01020 | ● | ● | 12 | 4.76 | 6.3 | 20.0 | 12.70 | 0.10 |
| | RNGN150700T01020 | ● | ● | 15 | 7.94 | 7.9 | 20.0 | 15.88 | 0.10 |
| | RNGN190700K20015 | ● | ● | 19 | 7.94 | 9.5 | 15.0 | 19.05 | 2.00 |
| | RNGN250700K20015 | ● | ● | 25 | 7.94 | 12.7 | 15.0 | 25.40 | 2.00 |
| **Medium** | RNGN120700T01020 | ● | ● | 12 | 7.94 | 6.3 | 20.0 | 12.70 | 0.10 |
| | RNGN190700T01020 | ● | ● | 19 | 7.94 | 9.5 | 20.0 | 19.05 | 0.10 |

● = First choice ○ = Good choice

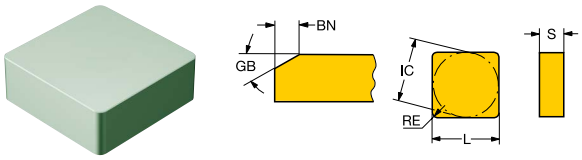
Imperial (inch)

| | | S | H | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code ANSI** | **675** | **675** | **SSC** | **S [inch]** | **RE [inch]** | **GB [deg]** | **IC [inch]** | **BN [inch]** |
| **Finishing** | RNG 32T0320 | ● | ● | 3/8 | 0.125 | 0.188 | 20.0 | 0.375 | 0.004 |
| | RNG 43T0320 | ● | ● | 1/2 | 0.188 | 0.250 | 20.0 | 0.500 | 0.004 |
| | RNG 55T0320 | ● | ● | 5/8 | 0.313 | 0.313 | 20.0 | 0.625 | 0.004 |
| | RNG 65K8015 | ● | ● | 3/4 | 0.313 | 0.375 | 15.0 | 0.750 | 0.079 |
| | RNG 85K8015 | ● | ● | 1 | 0.313 | 0.500 | 15.0 | 1.000 | 0.079 |
| **Medium** | RNG 45T0320 | ● | ● | 1/2 | 0.313 | 0.250 | 20.0 | 0.500 | 0.004 |
| | RNG 65T0320 | ● | ● | 3/4 | 0.313 | 0.375 | 20.0 | 0.750 | 0.004 |

● = First choice ○ = Good choice

# T-Max®, insert for turning

S-style insert (square). Ceramic grades



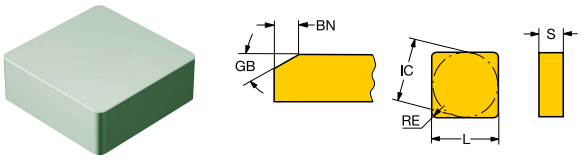

Metric (mm)

| | | S | H | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **675** | **675** | **SSC** | **LE [mm]** | **S [mm]** | **RE [mm]** | **GB [deg]** | **IC [mm]** | **BN [mm]** |
| **Finishing** | SNGN 12 04 16T01020 | ● | ● | 12 | 11.1 | 4.76 | 1.6 | 20.0 | 12.70 | 0.10 |
| | SNGN090308T01020 | ● | ● | 09 | 8.7 | 3.17 | 0.8 | 20.0 | 9.52 | 0.10 |
| | SNGN120408T01020 | ● | ● | 12 | 11.9 | 4.76 | 0.8 | 20.0 | 12.70 | 0.10 |
| | SNGN120412T01020 | ● | ● | 12 | 11.5 | 4.76 | 1.2 | 20.0 | 12.70 | 0.10 |
| | SNGN120708T01020 | ● | ● | 12 | 11.9 | 7.94 | 0.8 | 20.0 | 12.70 | 0.10 |
| | SNGN120716T01020 | ● | ● | 12 | 11.1 | 7.94 | 1.6 | 20.0 | 12.70 | 0.10 |
| | SNGN150716T01020 | ● | ● | 15 | 14.3 | 7.94 | 1.6 | 20.0 | 15.88 | 0.10 |
| | SNGN190724T01020 | ● | ● | 19 | 16.6 | 7.94 | 2.4 | 20.0 | 19.05 | 0.10 |
| **Medium** | SNGN120712T01020 | ● | ● | 12 | 11.5 | 7.94 | 1.2 | 20.0 | 12.70 | 0.10 |
| | | | | | | | | | | |
| | | | | | | | | | | |

● = First choice ○ = Good choice

# T-Max®, insert for turning

S-style insert (square). Ceramic grades



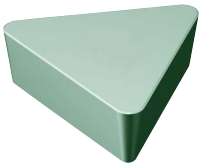

Imperial (inch)

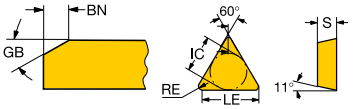
| | | S | H | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code ANSI** | **675** | **675** | **SSC** | **LE [inch]** | **S [inch]** | **RE [inch]** | **GB [deg]** | **IC [inch]** | **BN [inch]** |
| **Finishing** | SNG 322T0320 | ● | ● | 3/8 | 0.344 | 0.125 | 0.031 | 20.0 | 0.375 | 0.004 |
| | SNG 432T0320 | ● | ● | 1/2 | 0.469 | 0.188 | 0.031 | 20.0 | 0.500 | 0.004 |
| | SNG 433T0320 | ● | ● | 1/2 | 0.453 | 0.188 | 0.047 | 20.0 | 0.500 | 0.004 |
| | SNG 434T0320 | ● | ● | 1/2 | 0.437 | 0.188 | 0.063 | 20.0 | 0.500 | 0.004 |
| | SNG 452T0320 | ● | ● | 1/2 | 0.469 | 0.313 | 0.031 | 20.0 | 0.500 | 0.004 |
| | SNG 454T0320 | ● | ● | 1/2 | 0.437 | 0.313 | 0.063 | 20.0 | 0.500 | 0.004 |
| | SNG 554T0320 | ● | ● | 5/8 | 0.562 | 0.313 | 0.063 | 20.0 | 0.625 | 0.004 |
| | SNG 656T0320 | ● | ● | 3/4 | 0.656 | 0.313 | 0.094 | 20.0 | 0.750 | 0.004 |
| **Medium** | SNG 453T0320 | ● | ● | 1/2 | 0.453 | 0.313 | 0.047 | 20.0 | 0.500 | 0.004 |

● = First choice ○ = Good choice

# T-Max®, insert for turning

T-style insert (triangular). Ceramic grades






Metric (mm)

| | | S | H | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **675** | **675** | **SSC** | **LE [mm]** | **S [mm]** | **RE [mm]** | **GB [deg]** | **IC [mm]** | **BN [mm]** |
| **Finishing** | TPGN110308T01020 | ● | ● | 11 | 10.2 | 3.17 | 0.8 | 20.0 | 6.35 | 0.10 |
| | TPGN160308T01020 | ● | ● | 16 | 15.7 | 3.17 | 0.8 | 20.0 | 9.52 | 0.10 |
| | TPGN160312T01020 | ● | ● | 16 | 15.3 | 3.17 | 1.2 | 20.0 | 9.52 | 0.10 |

● = First choice ○ = Good choice

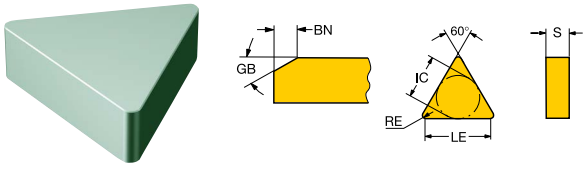
Imperial (inch)

| | | S | H | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code ANSI** | **675** | **675** | **SSC** | **LE [inch]** | **S [inch]** | **RE [inch]** | **GB [deg]** | **IC [inch]** | **BN [inch]** |
| **Finishing** | TPG 222T0320 | ● | ● | 1/4 | 0.402 | 0.125 | 0.031 | 20.0 | 0.250 | 0.004 |
| | TPG 322T0320 | ● | ● | 3/8 | 0.618 | 0.125 | 0.031 | 20.0 | 0.375 | 0.004 |
| | TPG 323T0320 | ● | ● | 3/8 | 0.602 | 0.125 | 0.047 | 20.0 | 0.375 | 0.004 |

● = First choice ○ = Good choice

# T-Max®, insert for turning

T-style insert (triangular). Ceramic grades




Metric (mm)

| | | S | H | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **675** | **675** | **SSC** | **LE [mm]** | **S [mm]** | **RE [mm]** | **GB [deg]** | **IC [mm]** | **BN [mm]** |
| **Finishing** | TNGN160408T01020 | ● | ● | 16 | 15.7 | 4.76 | 0.8 | 20.0 | 9.52 | 0.10 |
| | TNGN160412T01020 | ● | ● | 16 | 15.3 | 4.76 | 1.2 | 20.0 | 9.52 | 0.10 |
| | TNGN220408T01020 | ● | ● | 22 | 21.2 | 4.76 | 0.8 | 20.0 | 12.70 | 0.10 |

● = First choice ○ = Good choice

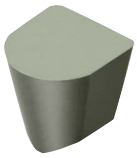
Imperial (inch)

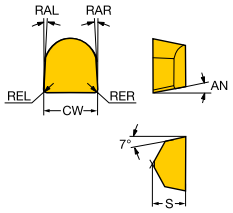
| | | S | H | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code ANSI** | **675** | **675** | **SSC** | **LE [inch]** | **S [inch]** | **RE [inch]** | **GB [deg]** | **IC [inch]** | **BN [inch]** |
| **Finishing** | TNG 332T0320 | ● | ● | 3/8 | 0.618 | 0.188 | 0.031 | 20.0 | 0.375 | 0.004 |
| | TNG 333T0320 | ● | ● | 3/8 | 0.602 | 0.188 | 0.047 | 20.0 | 0.375 | 0.004 |
| | TNG 432T0320 | ● | ● | 1/2 | 0.835 | 0.188 | 0.031 | 20.0 | 0.500 | 0.004 |

● = First choice ○ = Good choice

# T-Max®, insert for grooving

Profile grooving insert. Style CSGX. Ceramic grades.






Metric (mm)

| | | Ordering code | S 675 | SSC | S [mm] | CW [mm] | RER [mm] | REL [mm] |
|---|---|---|---|---|---|---|---|---|
| Medium | | CSGX060608T01020 | ○ | 06 | 6.35 | 6.35 | 0.79 | 0.79 |
| | | CSGX090708T01020 | ○ | 09 | 7.94 | 9.52 | 0.79 | 0.79 |
| | | CSGX120708T01020 | ○ | 12 | 7.94 | 12.70 | 0.79 | 0.79 |
| | E | CSGX090708E | ● | 09 | 7.94 | 9.52 | 0.79 | 0.79 |

● = First choice ○ = Good choice

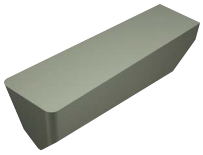
Imperial (inch)

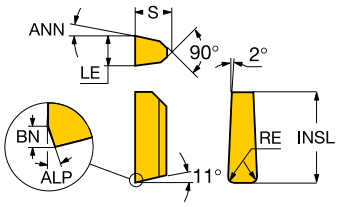
| | | Ordering code ANSI | S 675 | SSC | S [inch] | CW [inch] | RER [inch] | REL [inch] |
|---|---|---|---|---|---|---|---|---|
| Medium | | CSGX 242 T0320 | ○ | 1/4 | 0.250 | 0.250 | 0.031 | 0.031 |
| | | CSGX 352 T0320 | ○ | 3/8 | 0.313 | 0.375 | 0.031 | 0.031 |
| | | CSGX 452 T0320 | ○ | 1/2 | 0.313 | 0.500 | 0.031 | 0.031 |
| | E | CSGX 352 A | ● | 3/8 | 0.313 | 0.375 | 0.031 | 0.031 |

● = First choice ○ = Good choice

# T-Max®, insert for grooving

Finish grooving. Ceramic inserts






Metric (mm)

| | | | S | H | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 675 | 675 | SSC | S [mm] | CW [mm] | RER [mm] | REL [mm] |
| Finishing | E | 150.23 0317 04E | ● | | 1 | 4.74 | 3.17 | 0.38 | 0.38 |
| | | 150.23 0476 08E | ● | | 2 | 4.74 | 4.75 | 0.79 | 0.79 |
| | | 150.23 0635 08E | ● | | 3 | 6.35 | 6.35 | 0.79 | 0.79 |
| | T | 150.23 0317 04T01020 | ● | ○ | 1 | 4.74 | 3.17 | 0.38 | 0.38 |
| | | 150.23 0476 08T01020 | ● | ○ | 2 | 4.74 | 4.75 | 0.79 | 0.79 |
| | | 150.23 0635 08T01020 | ● | ○ | 3 | 6.35 | 6.35 | 0.79 | 0.79 |
| | | 150.23 0794 08T01020 | ● | ○ | 4 | 8.56 | 7.93 | 0.79 | 0.79 |
| | | 150.23 0952 08T01020 | ● | ○ | 4 | 8.56 | 9.52 | 0.79 | 0.79 |

● = First choice ○ = Good choice

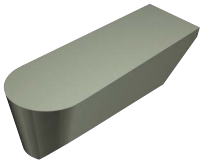
Imperial (inch)

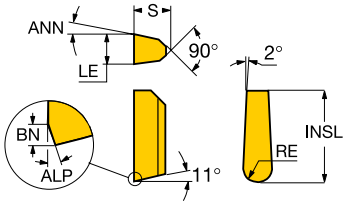
| | | | S | H | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 675 | 675 | SSC | S [inch] | CW [inch] | RER [inch] | REL [inch] |
| Finishing | E | CSG-4125-1A | ● | | 1 | 0.187 | 0.125 | 0.015 | 0.015 |
| | | CSG-4187-2A | ● | | 2 | 0.187 | 0.187 | 0.031 | 0.031 |
| | | CSG-6250-2A | ● | | 3 | 0.250 | 0.250 | 0.031 | 0.031 |
| | T | CSG-4125-1T0320 | ● | ○ | 1 | 0.187 | 0.125 | 0.015 | 0.015 |
| | | CSG-4187-2T0320 | ● | ○ | 2 | 0.187 | 0.187 | 0.031 | 0.031 |
| | | CSG-6250-2T0320 | ● | ○ | 3 | 0.250 | 0.250 | 0.031 | 0.031 |
| | | CSG-8312-2T0320 | ● | ○ | 4 | 0.337 | 0.312 | 0.031 | 0.031 |
| | | CSG-8375-2T0320 | ● | ○ | 4 | 0.337 | 0.375 | 0.031 | 0.031 |

● = First choice ○ = Good choice

# T-Max®, insert for profiling

Finish profiling. Ceramic inserts






Metric (mm)

| | | | S | H | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 675 | 675 | SSC | S [mm] | RE [mm] | CW [mm] |
| Finishing | E | 150.23 0317 16E | ● | | 1 | 4.74 | 1.6 | 3.17 |
| | | 150.23 0476 24E | ● | | 2 | 4.74 | 2.4 | 4.75 |
| | | 150.23 0635 32E | ● | | 3 | 6.35 | 3.2 | 6.35 |
| | T | 150.23 0317 16T01020 | ● | ○ | 1 | 4.74 | 1.6 | 3.17 |
| | | 150.23 0476 24T01020 | ● | ○ | 2 | 4.74 | 2.4 | 4.75 |
| | | 150.23 0635 32T01020 | ● | ○ | 3 | 6.35 | 3.2 | 6.35 |

● = First choice ○ = Good choice

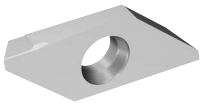
Imperial (inch)

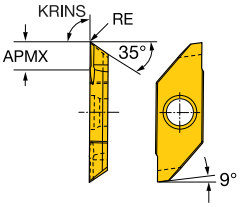
| | | | S | H | | | | |
|---|---|---|---|---|---|---|---|---|
| | | Ordering code ANSI | 675 | 675 | SSC | S [inch] | RE [inch] | CW [inch] |
| Finishing | E | CSG-4125-A | ● | | 1 | 0.187 | 0.063 | 0.125 |
| | | CSG-4187-A | ● | | 2 | 0.187 | 0.094 | 0.187 |
| | | CSG-6250-A | ● | | 3 | 0.250 | 0.125 | 0.250 |
| | T | CSG-4125-T0320 | ● | ○ | 1 | 0.187 | 0.063 | 0.125 |
| | | CSG-4187-T0320 | ● | ○ | 2 | 0.187 | 0.094 | 0.187 |
| | | CSG-6250-T0320 | ● | ○ | 3 | 0.250 | 0.125 | 0.250 |

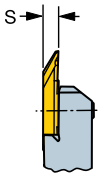
● = First choice ○ = Good choice

# CoroCut® XS, insert for turning

Precision machining. Tangentially mounted finishing inserts





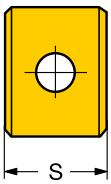

Metric (mm)

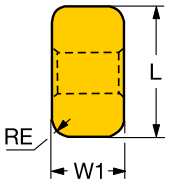
| | | P | S | M | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | Ordering code | 1205 | 1205 | 1205 | SSC | S [mm] | RE [mm] | APMX [mm] | KRINS [deg] |
| Finishing | MABL 3 003 | ○ | ● | ○ | 3 | 3.17 | 0.0 | 4.0 | 59.00 |
| | MABL 3 005 | ○ | ● | ○ | 3 | 3.17 | 0.1 | 4.0 | 59.00 |
| | MABL 3 010 | ○ | ● | ○ | 3 | 3.17 | 0.1 | 4.0 | 59.00 |
| | MABL 3 020 | ○ | ● | ○ | 3 | 3.17 | 0.2 | 4.0 | 59.00 |
| | MABR 3 003 | ○ | ● | ○ | 3 | 3.17 | 0.0 | 4.0 | 59.00 |
| | MABR 3 005 | ○ | ● | ○ | 3 | 3.17 | 0.1 | 4.0 | 59.00 |
| | MABR 3 010 | ○ | ● | ○ | 3 | 3.17 | 0.1 | 4.0 | 59.00 |
| | MABR 3 020 | ○ | ● | ○ | 3 | 3.17 | 0.2 | 4.0 | 59.00 |
| | MAFL 3 003 | ○ | ● | ○ | 3 | 3.17 | 0.0 | 4.0 | 90.00 |
| | MAFL 3 005 | ○ | ● | ○ | 3 | 3.17 | 0.1 | 4.0 | 90.00 |
| | MAFL 3 010 | ○ | ● | ○ | 3 | 3.17 | 0.1 | 4.0 | 90.00 |
| | MAFL 3 020 | ○ | ● | ○ | 3 | 3.17 | 0.2 | 4.0 | 90.00 |
| | MAFR 3 003 | ○ | ● | ○ | 3 | 3.17 | 0.0 | 4.0 | 90.00 |
| | MAFR 3 005 | ○ | ● | ○ | 3 | 3.17 | 0.1 | 4.0 | 90.00 |
| | MAFR 3 010 | ○ | ● | ○ | 3 | 3.17 | 0.1 | 4.0 | 90.00 |
| | MAFR 3 020 | ○ | ● | ○ | 3 | 3.17 | 0.2 | 4.0 | 90.00 |

● = First choice ○ = Good choice

# Insert for railway wheel re-turning

Rectangular inserts. Cylindrical fixing hole



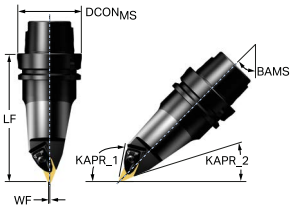

Metric (mm)

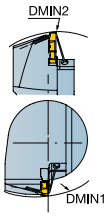
| | | Ordering code | P 4415 | SSC | LE [mm] | S [mm] | RE [mm] | D1 [mm] | W1 [mm] |
|---|---|---|---|---|---|---|---|---|---|
| Finishing | PF | LNUX 19 19 40-PF | ● | 19 | 15.1 | 19.05 | 4.0 | 6.35 | 10.0 |
| Medium | PM | LNUX 19 19 40-PM | ● | 19 | 15.1 | 19.05 | 4.0 | 6.35 | 10.0 |
| Roughing | PR | LNUX 30 19 40-PR | ● | 30 | 26.0 | 19.05 | 4.0 | 6.35 | 12.0 |
| | | LNUX 32 12 48-PR | ● | 32 | | 12.70 | 4.8 | 7.92 | 19.0 |

● = First choice ○ = Good choice

# CoroTurn® Prime, cutting unit for turning

Rigid clamp design




Common data values

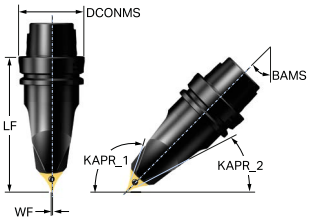
| KAPR$_1$ [deg] | KAPR$_2$ [deg] | TQ [Nm] |
|---|---|---|
| 95.0 | 25.0 | 4.0 |

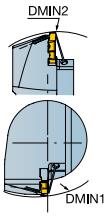
Metric (mm)

| | Ordering code | RMPX [deg] | CNSC | DCON$_{MS}$ [mm] | LF [mm] | MIID |
|---|---|---|---|---|---|---|
|  | HT10-CP70BL00130-12B | 23.00 | 1 | 100.00 | 130.00 | CP-B1208D |
| | | | | | | |
| | | | | | | |
| | | | | | | |

# CoroTurn® Prime, cutting unit for turning

Screw clamp design




Common data values

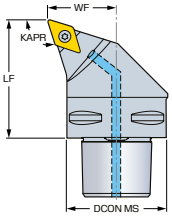
| KAPR$_1$ [deg] | KAPR$_2$ [deg] | TQ [Nm] |
|---|---|---|
| 115.0 | 30.0 | 4.0 |

Metric (mm)

| | Ordering code | RMPX [deg] | CNSC | DCON$_{MS}$ [mm] | LF [mm] | MIID |
|---|---|---|---|---|---|---|
|  | HT10-CP75AL00130-11C | 15.00 | 1 | 100.00 | 130.00 | CP-A1108 |
| | | | | | | |
| | | | | | | |
| | | | | | | |

# CoroTurn® TR, cutting unit for turning

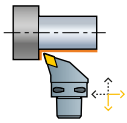
Coromant Capto® - Internal coolant supply




Common data values

| PSIR [deg] |
|---|
| -17.50 |

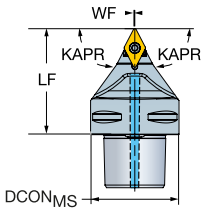
Metric (mm)

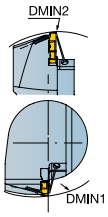
| | Ordering code | SSC | $DMIN_2$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | $KAPR_2$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C4-TR-D13HCL-27050 | 13..FWX | 140.0 | 40.00 | 49.20 | 26.20 | 107.5 | 93.0 | 49.2 | 3 | 40 | 4.0 | TR-DC1304..FWX |
| | C4-TR-D13HCR-27050 | 13..FWX | 140.0 | 40.00 | 49.20 | 26.20 | 107.5 | | 49.2 | 3 | 40 | 4.0 | TR-DC1304..FWX |
| | C5-TR-D13HCL-35060 | 13..FWX | 140.0 | 50.00 | 59.20 | 34.20 | 107.5 | | 59.2 | 3 | 40 | 4.0 | TR-DC1304..FWX |
| | C5-TR-D13HCR-35060 | 13..FWX | 140.0 | 50.00 | 59.20 | 34.20 | 107.5 | | 59.2 | 3 | 40 | 4.0 | TR-DC1304..FWX |
| | C6-TR-D13HCL-45065 | 13..FWX | 140.0 | 63.00 | 64.20 | 44.20 | 107.5 | | 64.2 | 3 | 40 | 4.0 | TR-DC1304..FWX |
| | C6-TR-D13HCR-45065 | 13..FWX | 140.0 | 63.00 | 64.20 | 44.20 | 107.5 | | 64.2 | 3 | 40 | 4.0 | TR-DC1304..FWX |

R = Right hand, L = Left hand

# CoroTurn® TR, cutting unit for turning

Coromant Capto® - Internal coolant supply

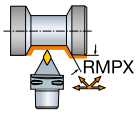



Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 57.00 | 27.50 |

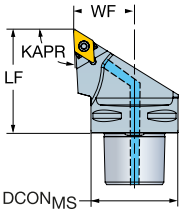
Metric (mm)

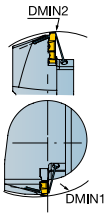
| | Ordering code | SSC | DMIN$_2$ [mm] | DCON$_{MS}$ [mm] | LF [mm] | WF [mm] | KAPR$_1$ [deg] | KAPR$_2$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | C4-TR-D13NCN-00050C1 | 13 | 140.0 | 40.00 | 50.00 | 0.50 | 62.5 | 62.5 | 50.0 | 3 | 150 | 3.0 | TR-DC1308 |
| | C5-TR-D13NCN-00060C1 | 13 | 165.0 | 50.00 | 60.00 | 0.50 | 62.5 | 62.5 | 60.0 | 3 | 150 | 3.0 | TR-DC1308 |
| | C6-TR-D13NCN-00065C1 | 13 | 190.0 | 63.00 | 65.00 | 0.50 | 62.5 | 62.5 | 65.0 | 3 | 150 | 3.0 | TR-DC1308 |
| | | | | | | | | | | | | | |

R = Right hand, L = Left hand

# CoroTurn® TR, cutting unit for turning

Coromant Capto® - Internal coolant supply

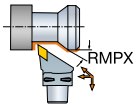



Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 27.00 | -3.00 |

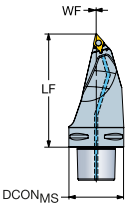
Metric (mm)

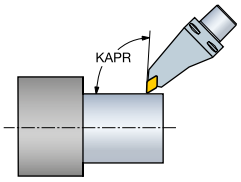
| | Ordering code | SSC | $DMIN_1$ [mm] | $DMIN_2$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | C4-TR-D13JCL-27050C1 | 13 | 130.0 | 140.0 | 40.00 | 50.00 | 27.00 | 93.0 | 50.0 | 3 | 150 | 3.0 | TR-DC1308 |
| | C4-TR-D13JCR-27050C1 | 13 | 130.0 | 140.0 | 40.00 | 50.00 | 27.00 | 93.0 | 50.0 | 3 | 150 | 3.0 | TR-DC1308 |
| | C5-TR-D13JCL-35060C1 | 13 | 130.0 | 165.0 | 50.00 | 60.00 | 35.00 | 93.0 | 60.0 | 3 | 150 | 3.0 | TR-DC1308 |
| | C5-TR-D13JCR-35060C1 | 13 | 130.0 | 165.0 | 50.00 | 60.00 | 35.00 | 93.0 | 60.0 | 3 | 150 | 3.0 | TR-DC1308 |
| | C6-TR-D13JCL-45065C1 | 13 | 130.0 | 190.0 | 63.00 | 65.00 | 45.00 | 93.0 | 65.0 | 3 | 150 | 3.0 | TR-DC1308 |
| | C6-TR-D13JCR-45065C1 | 13 | 130.0 | 190.0 | 63.00 | 65.00 | 45.00 | 93.0 | 65.0 | 3 | 150 | 3.0 | TR-DC1308 |
| | C8-TR-D13JCL-55080C1 | 13 | 145.0 | 250.0 | 80.00 | 80.00 | 55.00 | 93.0 | 80.0 | 3 | 150 | 3.0 | TR-DC1308 |
| | C8-TR-D13JCR-55080C1 | 13 | 145.0 | 250.0 | 80.00 | 80.00 | 55.00 | 93.0 | 80.0 | 3 | 150 | 3.0 | TR-DC1308 |

R = Right hand, L = Left hand

# CoroTurn® TR, cutting unit for turning

Coromant Capto® - Internal coolant supply

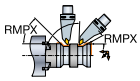



Common data values

| RMPX [deg] | PSIR [deg] | BAMS [deg] |
|---|---|---|
| 30.00 | -3.00 | 45.00 |

Metric (mm)

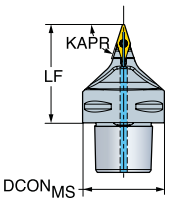
| | Ordering code | SSC | $DCON_{MS}$ [mm] | LF [mm] | $KAPR_1$ [deg] | $KAPR_2$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C5-TR-D13MCL-00115C1 | 13 | 50.00 | 115.00 | 93.0 | 32.0 | 115.0 | 3 | 150 | 3.0 | TR-DC1308 |
| | C6-TR-D13MCL-00130C1 | 13 | 63.00 | 130.00 | 93.0 | 32.0 | 130.0 | 3 | 150 | 3.0 | TR-DC1308 |
| | C8-TR-D13MCL-00160C1 | 13 | 80.00 | 160.00 | 93.0 | 32.0 | 160.0 | 3 | 150 | 3.0 | TR-DC1308 |
| | | | | | | | | | | | |

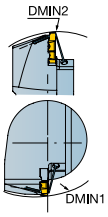


R = Right hand, L = Left hand

# CoroTurn® TR, cutting unit for turning

Coromant Capto® - Internal coolant supply

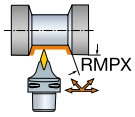



Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 70.00 | 17.50 |

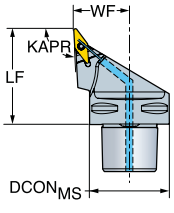
Metric (mm)

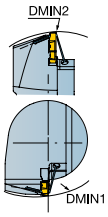
| | Ordering code | SSC | $DMIN_2$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | $KAPR_2$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | C4-TR-V13VBN-00050C1 | 13 | 140.0 | 40.00 | 50.00 | 0.50 | 72.5 | 72.5 | 50.0 | 3 | 150 | 2.0 | TR-VB1308 |
| | C5-TR-V13VBN-00060C1 | 13 | 165.0 | 50.00 | 60.00 | 0.50 | 72.5 | 72.5 | 60.0 | 3 | 150 | 2.0 | TR-VB1308 |
| | C6-TR-V13VBN-00065C1 | 13 | 190.0 | 63.00 | 65.00 | 0.50 | 72.5 | 72.5 | 65.0 | 3 | 150 | 2.0 | TR-VB1308 |
| | | | | | | | | | | | | | |

R = Right hand, L = Left hand

# CoroTurn® TR, cutting unit for turning

Coromant Capto® - Internal coolant supply

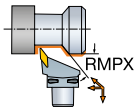



Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 50.00 | -3.00 |

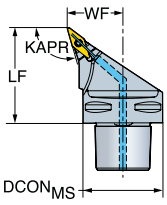
Metric (mm)

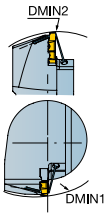
| | Ordering code | SSC | DMIN$_1$ [mm] | DMIN$_2$ [mm] | DCON$_{MS}$ [mm] | LF [mm] | WF [mm] | KAPR$_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | C4-TR-V13JBL-27050C1 | 13 | 130.0 | 140.0 | 40.00 | 50.00 | 27.00 | 93.0 | 50.0 | 3 | 150 | 2.0 | TR-VB1308 |
| | C4-TR-V13JBR-27050C1 | 13 | 130.0 | 140.0 | 40.00 | 50.00 | 27.00 | 93.0 | 50.0 | 3 | 150 | 2.0 | TR-VB1308 |
| | C5-TR-V13JBL-35060C1 | 13 | 130.0 | 165.0 | 50.00 | 60.00 | 35.00 | 93.0 | 60.0 | 3 | 150 | 2.0 | TR-VB1308 |
| | C5-TR-V13JBR-35060C1 | 13 | 130.0 | 165.0 | 50.00 | 60.00 | 35.00 | 93.0 | 60.0 | 3 | 150 | 2.0 | TR-VB1308 |
| | C6-TR-V13JBL-45065C1 | 13 | 130.0 | 190.0 | 63.00 | 65.00 | 45.00 | 93.0 | 65.0 | 3 | 150 | 2.0 | TR-VB1308 |
| | C6-TR-V13JBR-45065C1 | 13 | 130.0 | 190.0 | 63.00 | 65.00 | 45.00 | 93.0 | 65.0 | 3 | 150 | 2.0 | TR-VB1308 |
| | C8-TR-V13JBL-55080C1 | 13 | 140.0 | 250.0 | 80.00 | 80.00 | 55.00 | 93.0 | 80.0 | 3 | 150 | 2.0 | TR-VB1308 |
| | C8-TR-V13JBR-55080C1 | 13 | 140.0 | 250.0 | 80.00 | 80.00 | 55.00 | 93.0 | 80.0 | 3 | 150 | 2.0 | TR-VB1308 |

R = Right hand, L = Left hand

# CoroTurn® TR, cutting unit for turning

Coromant Capto® - Internal coolant supply

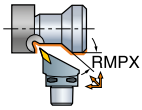



Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 35.00 | -17.50 |

Metric (mm)

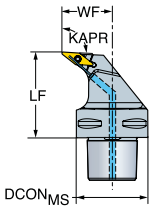


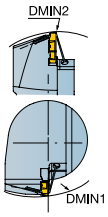

| Ordering code | SSC | $DMIN_1$ [mm] | $DMIN_2$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C4-TR-V13HBL-27050C1 | 13 | 110.0 | 140.0 | 40.00 | 50.00 | 27.00 | 107.5 | 50.0 | 3 | 150 | 2.0 | TR-VB1308 |
| C4-TR-V13HBR-27050C1 | 13 | 110.0 | 140.0 | 40.00 | 50.00 | 27.00 | 107.5 | 50.0 | 3 | 150 | 2.0 | TR-VB1308 |
| C5-TR-V13HBL-35060C1 | 13 | 115.0 | 165.0 | 50.00 | 60.00 | 35.00 | 107.5 | 60.0 | 3 | 150 | 2.0 | TR-VB1308 |
| C5-TR-V13HBR-35060C1 | 13 | 115.0 | 165.0 | 50.00 | 60.00 | 35.00 | 107.5 | 60.0 | 3 | 150 | 2.0 | TR-VB1308 |
| C6-TR-V13HBL-45065C1 | 13 | 120.0 | 190.0 | 63.00 | 65.00 | 45.00 | 107.5 | 65.0 | 3 | 150 | 2.0 | TR-VB1308 |
| C6-TR-V13HBR-45065C1 | 13 | 120.0 | 190.0 | 63.00 | 65.00 | 45.00 | 107.5 | 65.0 | 3 | 150 | 2.0 | TR-VB1308 |
| C8-TR-V13HBL-55080C1 | 13 | 125.0 | 250.0 | 80.00 | 80.00 | 55.00 | 107.5 | 80.0 | 3 | 150 | 2.0 | TR-VB1308 |
| C8-TR-V13HBR-55080C1 | 13 | 125.0 | 250.0 | 80.00 | 80.00 | 55.00 | 107.5 | 80.0 | 3 | 150 | 2.0 | TR-VB1308 |

R = Right hand, L = Left hand

# CoroTurn® TR, cutting unit for turning

Coromant Capto® - Internal coolant supply

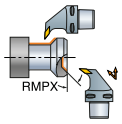



Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 50.00 | -3.00 |

Metric (mm)

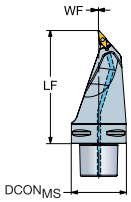


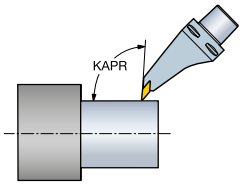

| Ordering code | SSC | DMIN$_1$ [mm] | DMIN$_2$ [mm] | DCON$_{MS}$ [mm] | LF [mm] | WF [mm] | KAPR$_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C4-TR-V13UBL-27050C1 | 13 | 55.0 | 140.0 | 40.00 | 50.00 | 27.00 | 93.0 | 50.0 | 3 | 150 | 2.0 | TR-VB1308 |
| C4-TR-V13UBR-27050C1 | 13 | 55.0 | 140.0 | 40.00 | 50.00 | 27.00 | 93.0 | 50.0 | 3 | 150 | 2.0 | TR-VB1308 |
| C5-TR-V13UBL-35060C1 | 13 | 65.0 | 165.0 | 50.00 | 60.00 | 35.00 | 93.0 | 60.0 | 3 | 150 | 2.0 | TR-VB1308 |
| C5-TR-V13UBR-35060C1 | 13 | 65.0 | 165.0 | 50.00 | 60.00 | 35.00 | 93.0 | 60.0 | 3 | 150 | 2.0 | TR-VB1308 |
| C6-TR-V13UBL-45065C1 | 13 | 85.0 | 190.0 | 63.00 | 65.00 | 45.00 | 93.0 | 65.0 | 3 | 150 | 2.0 | TR-VB1308 |
| C6-TR-V13UBR-45065C1 | 13 | 85.0 | 190.0 | 63.00 | 65.00 | 45.00 | 93.0 | 65.0 | 3 | 150 | 2.0 | TR-VB1308 |
| C8-TR-V13UBL-55080C1 | 13 | 110.0 | 250.0 | 80.00 | 80.00 | 55.00 | 93.0 | 80.0 | 3 | 150 | 2.0 | TR-VB1308 |
| C8-TR-V13UBR-55080C1 | 13 | 110.0 | 250.0 | 80.00 | 80.00 | 55.00 | 93.0 | 80.0 | 3 | 150 | 2.0 | TR-VB1308 |

R = Right hand, L = Left hand

# CoroTurn® TR, cutting unit for turning

Coromant Capto® - Internal coolant supply

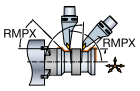



Common data values

| RMPX [deg] | PSIR [deg] | BAMS [deg] |
|---|---|---|
| 50.00 | -3.00 | 45.00 |

Metric (mm)

| | Ordering code | SSC | DCONMS [mm] | LF [mm] | KAPR1 [deg] | KAPR2 [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C5-TR-V13MBL-00115C1 | 13 | 50.00 | 115.00 | 93.0 | 52.0 | 115.0 | 3 | 150 | 2.0 | TR-VB1308 |
| | C6-TR-V13MBL-00130C1 | 13 | 63.00 | 130.00 | 93.0 | 52.0 | 130.0 | 3 | 150 | 2.0 | TR-VB1308 |
| | C8-TR-V13MBL-00160C1 | 13 | 80.00 | 160.00 | 93.0 | 52.0 | 160.0 | 3 | 150 | 2.0 | TR-VB1308 |
| | | | | | | | | | | | |



R = Right hand, L = Left hand

# CoroTurn® TR, cutting unit for turning

HSK-T - Internal coolant supply


Common data values

| RMPX [deg] | PSIR [deg] | BAMS [deg] |
|---|---|---|
| 30.00 | -3.00 | 45.00 |

Metric (mm)

| Ordering code | SSC | $DCON_{MS}$ [mm] | LF [mm] | $KAPR_1$ [deg] | $KAPR_2$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|
| HT06-TR-D13MCL-00130C | 13 | 63.00 | 130.00 | 93.0 | 32.0 | 130.0 | 1 | 150 | 3.0 | TR-DC1308 |
| HT10-TR-D13MCL-00130C | 13 | 100.00 | 130.00 | 93.0 | 32.0 | 130.0 | 1 | 150 | 3.0 | TR-DC1308 |

R = Right hand, L = Left hand

# CoroTurn® TR, cutting unit for turning

HSK-T - Internal coolant supply


Common data values

| RMPX [deg] | PSIR [deg] | BAMS [deg] |
|---|---|---|
| 50.00 | -3.00 | 45.00 |

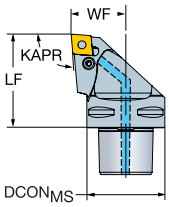
Metric (mm)

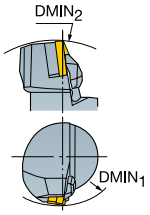
| Ordering code | SSC | $DCON_{MS}$ [mm] | LF [mm] | $KAPR_1$ [deg] | $KAPR_2$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|
| HT06-TR-V13MBL-00130C | 13 | 63.00 | 130.00 | 93.0 | 52.0 | 130.0 | 1 | 150 | 2.0 | TR-VB1308 |
| HT10-TR-V13MBL-00130C | 13 | 100.00 | 130.00 | 93.0 | 52.0 | 130.0 | 1 | 150 | 2.0 | TR-VB1308 |

R = Right hand, L = Left hand

# T-Max® P, cutting unit for turning

Lever clamp design

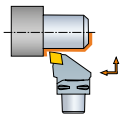



Common data values

| PSIR [deg] |
|---|
| -5.00 |

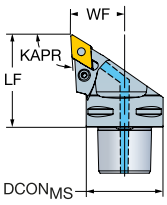
Metric (mm)

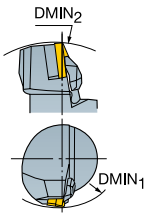
| | Ordering code | SSC | DMIN1 [mm] | DMIN2 [mm] | DCONMS [mm] | LF [mm] | WF [mm] | KAPR1 [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C3-PCLNL-22045-12C1 | 12 | 65.0 | 125.0 | 32.00 | 45.00 | 22.00 | 95.0 | 45.0 | 3 | 150 | 5.0 | CNMG 12 04 08 |
| | C3-PCLNR-22045-12C1 | 12 | 65.0 | 125.0 | 32.00 | 45.00 | 22.00 | 95.0 | 45.0 | 3 | 150 | 5.0 | CNMG 12 04 08 |
| | C4-PCLNL-27050-12C1 | 12 | 65.0 | 140.0 | 40.00 | 50.00 | 27.00 | 95.0 | 50.0 | 3 | 150 | 5.0 | CNMG 12 04 08 |
| | C4-PCLNR-27050-12C1 | 12 | 65.0 | 140.0 | 40.00 | 50.00 | 27.00 | 95.0 | 50.0 | 3 | 150 | 5.0 | CNMG 12 04 08 |
| | C5-PCLNL-35060-12C1 | 12 | 90.0 | 165.0 | 50.00 | 60.00 | 35.00 | 95.0 | 60.0 | 3 | 150 | 5.0 | CNMG 12 04 08 |
| | C5-PCLNR-35060-12C1 | 12 | 90.0 | 165.0 | 50.00 | 60.00 | 35.00 | 95.0 | 60.0 | 3 | 150 | 5.0 | CNMG 12 04 08 |
| | C6-PCLNL-45065-12C1 | 12 | 85.0 | 190.0 | 63.00 | 65.00 | 45.00 | 95.0 | 65.0 | 3 | 150 | 5.0 | CNMG 12 04 08 |
| | C6-PCLNL-45065-16C1 | 16 | 105.0 | 190.0 | 63.00 | 65.00 | 45.00 | 95.0 | 65.0 | 3 | 150 | 5.0 | CNMG 16 06 12 |
| | C6-PCLNR-45065-12C1 | 12 | 85.0 | 190.0 | 63.00 | 65.00 | 45.00 | 95.0 | 65.0 | 3 | 150 | 5.0 | CNMG 12 04 08 |
| | C6-PCLNR-45065-16C1 | 16 | 105.0 | 190.0 | 63.00 | 65.00 | 45.00 | 95.0 | 65.0 | 3 | 150 | 5.0 | CNMG 16 06 12 |
| | C8-PCLNL-55080-12C1 | 12 | 110.0 | 250.0 | 80.00 | 80.00 | 55.00 | 95.0 | 80.0 | 3 | 150 | 5.0 | CNMG 12 04 08 |
| | C8-PCLNL-55080-16C1 | 16 | 110.0 | 250.0 | 80.00 | 80.00 | 55.00 | 95.0 | 80.0 | 3 | 150 | 5.0 | CNMG 16 06 12 |
| | C8-PCLNR-55080-12C1 | 12 | 110.0 | 250.0 | 80.00 | 80.00 | 55.00 | 95.0 | 80.0 | 3 | 150 | 5.0 | CNMG 12 04 08 |
| | C8-PCLNR-55080-16C1 | 16 | 110.0 | 250.0 | 80.00 | 80.00 | 55.00 | 95.0 | 80.0 | 3 | 150 | 5.0 | CNMG 16 06 12 |

R = Right hand, L = Left hand

# T-Max® P, cutting unit for turning

Lever clamp design

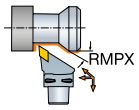



Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 27.00 | -3.00 |

Metric (mm)

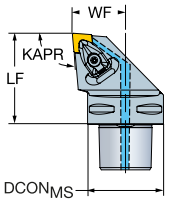


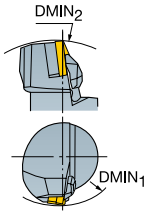

| Ordering code | SSC | DMIN1 [mm] | DMIN2 [mm] | DCONMS [mm] | LF [mm] | WF [mm] | KAPR1 [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C4-PDJNL-27050-11C1 | 11 | 75.0 | 140.0 | 40.00 | 50.00 | 27.00 | 93.0 | 50.0 | 3 | 150 | 2.0 | DNMG 11 04 08 |
| C4-PDJNL-27055-15C1 | 15 | 85.0 | 145.0 | 40.00 | 55.00 | 27.00 | 93.0 | 55.0 | 3 | 150 | 5.0 | DNMG 15 06 08 |
| C4-PDJNR-27050-11C1 | 11 | 75.0 | 140.0 | 40.00 | 50.00 | 27.00 | 93.0 | 50.0 | 3 | 150 | 2.0 | DNMG 11 04 08 |
| C4-PDJNR-27055-15C1 | 15 | 85.0 | 145.0 | 40.00 | 55.00 | 27.00 | 93.0 | 55.0 | 3 | 150 | 5.0 | DNMG 15 06 08 |
| C5-PDJNL-35060-11C1 | 11 | 85.0 | 165.0 | 50.00 | 60.00 | 35.00 | 93.0 | 60.0 | 3 | 150 | 2.0 | DNMG 11 04 08 |
| C5-PDJNL-35060-1504C1 | 15 | 80.0 | 165.0 | 50.00 | 60.00 | 35.00 | 93.0 | 60.0 | 3 | 150 | 5.0 | DNMG 15 04 08 |
| C5-PDJNL-35060-15C1 | 15 | 80.0 | 165.0 | 50.00 | 60.00 | 35.00 | 93.0 | 60.0 | 3 | 150 | 5.0 | DNMG 15 06 08 |
| C5-PDJNR-35060-11C1 | 11 | 85.0 | 165.0 | 50.00 | 60.00 | 35.00 | 93.0 | 60.0 | 3 | 150 | 2.0 | DNMG 11 04 08 |
| C5-PDJNR-35060-1504C1 | 15 | 80.0 | 165.0 | 50.00 | 60.00 | 35.00 | 93.0 | 60.0 | 3 | 150 | 5.0 | DNMG 15 04 08 |
| C5-PDJNR-35060-15C1 | 15 | 80.0 | 165.0 | 50.00 | 60.00 | 35.00 | 93.0 | 60.0 | 3 | 150 | 5.0 | DNMG 15 06 08 |
| C6-PDJNL-45065-1504C1 | 15 | 90.0 | 190.0 | 63.00 | 65.00 | 45.00 | 93.0 | 65.0 | 3 | 150 | 5.0 | DNMG 15 04 08 |
| C6-PDJNL-45065-15C1 | 15 | 90.0 | 190.0 | 63.00 | 65.00 | 45.00 | 93.0 | 65.0 | 3 | 150 | 5.0 | DNMG 15 06 08 |
| C6-PDJNR-45065-1504C1 | 15 | 90.0 | 190.0 | 63.00 | 65.00 | 45.00 | 93.0 | 65.0 | 3 | 150 | 5.0 | DNMG 15 04 08 |
| C6-PDJNR-45065-15C1 | 15 | 90.0 | 190.0 | 63.00 | 65.00 | 45.00 | 93.0 | 65.0 | 3 | 150 | 5.0 | DNMG 15 06 08 |
| C8-PDJNL-55080-15C1 | 15 | 120.0 | 250.0 | 80.00 | 80.00 | 55.00 | 93.0 | 80.0 | 3 | 150 | 5.0 | DNMG 15 06 08 |
| C8-PDJNR-55080-15C1 | 15 | 120.0 | 250.0 | 80.00 | 80.00 | 55.00 | 93.0 | 80.0 | 3 | 150 | 5.0 | DNMG 15 06 08 |

R = Right hand, L = Left hand

# T-Max® P, cutting unit for turning

Rigid clamp design

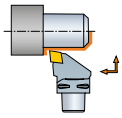



Common data values

| PSIR [deg] |
|---|
| -5.00 |

Metric (mm)

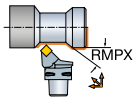
| | Ordering code | SSC | DMIN$_1$ [mm] | DMIN$_2$ [mm] | DCONMS [mm] | LF [mm] | WF [mm] | KAPR$_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C4-DCLNL-27050-12B1 | 12 | 110.0 | 140.0 | 40.00 | 50.00 | 27.00 | 95.0 | 50.0 | 3 | 150 | 3.9 | CNMG 12 04 08 |
| | C4-DCLNR-27050-12B1 | 12 | 110.0 | 140.0 | 40.00 | 50.00 | 27.00 | 95.0 | 50.0 | 3 | 150 | 3.9 | CNMG 12 04 08 |
| | C5-DCLNL-35060-12B1 | 12 | 110.0 | 165.0 | 50.00 | 60.00 | 35.00 | 95.0 | 60.0 | 3 | 150 | 3.9 | CNMG 12 04 08 |
| | C5-DCLNR-35060-12B1 | 12 | 110.0 | 165.0 | 50.00 | 60.00 | 35.00 | 95.0 | 60.0 | 3 | 150 | 3.9 | CNMG 12 04 08 |
| | C6-DCLNL-45065-16B1 | 16 | 125.0 | 190.0 | 63.00 | 65.00 | 45.00 | 95.0 | 65.0 | 3 | 150 | 6.4 | CNMG 16 06 12 |
| | C6-DCLNR-45065-16B1 | 16 | 125.0 | 190.0 | 63.00 | 65.00 | 45.00 | 95.0 | 65.0 | 3 | 150 | 6.4 | CNMG 16 06 12 |
| | C8-DCLNL-55080-19B1 | 19 | 100.0 | 250.0 | 80.00 | 80.00 | 55.00 | 95.0 | 80.0 | 3 | 150 | 6.4 | CNMG 19 06 12 |
| | C8-DCLNR-55080-19B1 | 19 | 100.0 | 250.0 | 80.00 | 80.00 | 55.00 | 95.0 | 80.0 | 3 | 150 | 6.4 | CNMG 19 06 12 |

R = Right hand, L = Left hand

Common data values

| PSIR [deg] |
|---|
| 45.00 |

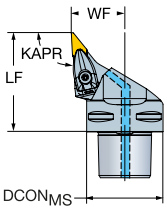
Metric (mm)

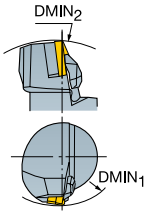
| | Ordering code | SSC | DMIN$_1$ [mm] | DMIN$_2$ [mm] | DCONMS [mm] | LF [mm] | WF [mm] | KAPR$_1$ [deg] | OHX [mm] | CNSC | LPR [mm] | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C4-DSSNL-27042-12B1 | 12 | 110.0 | 140.0 | 40.00 | 42.00 | 27.00 | 45.0 | 42.0 | 3 | 50.3 | 150 | 3.9 | SNMG 12 04 08 |
| | C4-DSSNR-27042-12B1 | 12 | 110.0 | 140.0 | 40.00 | 42.00 | 27.00 | 45.0 | 42.0 | 3 | 50.3 | 150 | 3.9 | SNMG 12 04 08 |
| | C5-DSSNL-35052-12B1 | 12 | 110.0 | 165.0 | 50.00 | 52.00 | 35.00 | 45.0 | 52.0 | 3 | 60.3 | 150 | 3.9 | SNMG 12 04 08 |
| | C5-DSSNR-35052-12B1 | 12 | 110.0 | 165.0 | 50.00 | 52.00 | 35.00 | 45.0 | 52.0 | 3 | 60.3 | 150 | 3.9 | SNMG 12 04 08 |
| | C6-DSSNL-45054-15B1 | 15 | 120.0 | 190.0 | 63.00 | 54.00 | 45.00 | 45.0 | 54.0 | 3 | 64.2 | 150 | 6.4 | SNMG 15 06 12 |
| | C6-DSSNR-45054-15B1 | 15 | 120.0 | 190.0 | 63.00 | 54.00 | 45.00 | 45.0 | 54.0 | 3 | 64.2 | 150 | 6.4 | SNMG 15 06 12 |

R = Right hand, L = Left hand

# T-Max® P, cutting unit for turning

Rigid clamp design

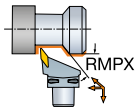



Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 50.00 | -3.00 |

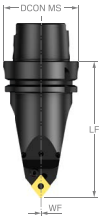
Metric (mm)

| | Ordering code | SSC | $DMIN_1$ [mm] | $DMIN_2$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | C4-DVJNL-27062-16C1 | 16 | 110.0 | 155.0 | 40.00 | 62.00 | 27.00 | 93.0 | 62.0 | 3 | 150 | 3.0 | VNMG 16 04 08 |
| | C4-DVJNR-27062-16C1 | 16 | 110.0 | 155.0 | 40.00 | 62.00 | 27.00 | 93.0 | 62.0 | 3 | 150 | 3.0 | VNMG 16 04 08 |
| | C5-DVJNL-35065-16C1 | 16 | 110.0 | 170.0 | 50.00 | 65.00 | 35.00 | 93.0 | 65.0 | 3 | 150 | 3.0 | VNMG 16 04 08 |
| | C5-DVJNR-35065-16C1 | 16 | 110.0 | 170.0 | 50.00 | 65.00 | 35.00 | 93.0 | 65.0 | 3 | 150 | 3.0 | VNMG 16 04 08 |
| | C6-DVJNL-45065-16C1 | 16 | 110.0 | 190.0 | 63.00 | 65.00 | 45.00 | 93.0 | 65.0 | 3 | 150 | 3.0 | VNMG 16 04 08 |
| | C6-DVJNR-45065-16C1 | 16 | 110.0 | 190.0 | 63.00 | 65.00 | 45.00 | 93.0 | 65.0 | 3 | 150 | 3.0 | VNMG 16 04 08 |
| | C8-DVJNL-55080-16C1 | 16 | 110.0 | 250.0 | 80.00 | 80.00 | 55.00 | 93.0 | 80.0 | 3 | 150 | 3.0 | VNMG 16 04 08 |
| | C8-DVJNR-55080-16C1 | 16 | 110.0 | 250.0 | 80.00 | 80.00 | 55.00 | 93.0 | 80.0 | 3 | 150 | 3.0 | VNMG 16 04 08 |

R = Right hand, L = Left hand

# T-Max® P, cutting unit for turning

Screw clamp design




Common data values

| PSIR [deg] | BAMS [deg] |
|---|---|
| -5.00 | 45.00 |

Metric (mm)

| Ordering code | SSC | $DMIN_2$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|
| HT06-PCMNN-00115-12C | 12 | 240.0 | 63.00 | 115.00 | 95.0 | 115.0 | 1 | 150 | 5.0 | CNMG 12 04 08 |
| HT10-PCMNN-00115-12C | 12 | 240.0 | 100.00 | 115.00 | 95.0 | 115.0 | 1 | 150 | 5.0 | CNMG 12 04 08 |

R = Right hand, L = Left hand

# T-Max® P, cutting unit for turning

Rigid clamp design


Common data values

| RMPX [deg] | PSIR [deg] | BAMS [deg] |
|---|---|---|
| 27.00 | -3.00 | 45.00 |

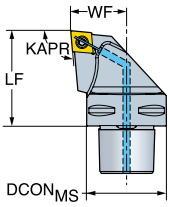
Metric (mm)

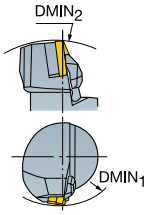
| Ordering code | SSC | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | $KAPR_2$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HT06-DDMNL-00130-15C | 15 | 63.00 | 130.00 | 0.98 | 93.0 | 32.0 | 130.0 | 1 | 150 | 3.9 | DNMG 15 06 08 |
| HT10-DDMNL-00130-15C | 15 | 100.00 | 130.00 | 0.98 | 93.0 | 32.0 | 130.0 | 1 | 150 | 3.9 | DNMG 15 06 08 |

R = Right hand, L = Left hand

# CoroTurn® 107, cutting unit for turning

Coromant Capto® - Internal coolant supply

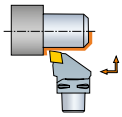



Common data values

| PSIR [deg] |
|---|
| -5.00 |

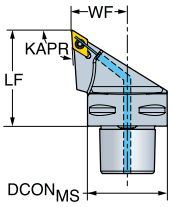
Metric (mm)

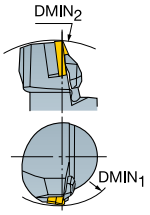
| | Ordering code | SSC | DMIN$_1$ [mm] | DMIN$_2$ [mm] | DCON$_{MS}$ [mm] | LF [mm] | WF [mm] | KAPR$_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C3-SCLCL-22040-09C1 | 09 | 130.0 | 120.0 | 32.00 | 40.00 | 22.00 | 95.0 | 40.0 | 3 | 150 | 3.0 | CCMT 09 T3 08 |
| | C3-SCLCR-22040-09C1 | 09 | 130.0 | 120.0 | 32.00 | 40.00 | 22.00 | 95.0 | 40.0 | 3 | 150 | 3.0 | CCMT 09 T3 08 |
| | C4-SCLCL-27050-09C1 | 09 | 130.0 | 140.0 | 40.00 | 50.00 | 27.00 | 95.0 | 50.0 | 3 | 150 | 3.0 | CCMT 09 T3 08 |
| | C4-SCLCL-27050-12C1 | 12 | 125.0 | 140.0 | 40.00 | 50.00 | 27.00 | 95.0 | 50.0 | 3 | 150 | 3.0 | CCMT 12 04 08 |
| | C4-SCLCR-27050-09C1 | 09 | 130.0 | 140.0 | 40.00 | 50.00 | 27.00 | 95.0 | 50.0 | 3 | 150 | 3.0 | CCMT 09 T3 08 |
| | C4-SCLCR-27050-12C1 | 12 | 125.0 | 140.0 | 40.00 | 50.00 | 27.00 | 95.0 | 50.0 | 3 | 150 | 3.0 | CCMT 12 04 08 |
| | C5-SCLCL-35060-12C1 | 12 | 125.0 | 165.0 | 50.00 | 60.00 | 35.00 | 95.0 | 60.0 | 3 | 150 | 3.0 | CCMT 12 04 08 |
| | C5-SCLCR-35060-12C1 | 12 | 125.0 | 165.0 | 50.00 | 60.00 | 35.00 | 95.0 | 60.0 | 3 | 150 | 3.0 | CCMT 12 04 08 |
| | C6-SCLCL-45065-12C1 | 12 | 125.0 | 190.0 | 63.00 | 65.00 | 45.00 | 95.0 | 65.0 | 3 | 150 | 3.0 | CCMT 12 04 08 |
| | C6-SCLCR-45065-12C1 | 12 | 125.0 | 190.0 | 63.00 | 65.00 | 45.00 | 95.0 | 65.0 | 3 | 150 | 3.0 | CCMT 12 04 08 |

R = Right hand, L = Left hand

# CoroTurn® 107, cutting unit for turning

Coromant Capto® - Internal coolant supply

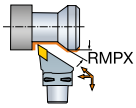



Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 27.00 | -3.00 |

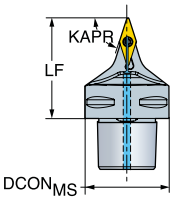
Metric (mm)

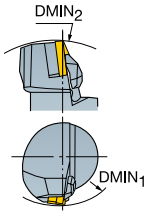
| | Ordering code | SSC | $DMIN_1$ [mm] | $DMIN_2$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | C3-SDJCL-22040-11C1 | 11 | 140.0 | 120.0 | 32.00 | 40.00 | 22.00 | 93.0 | 40.0 | 3 | 150 | 3.0 | DCMT 11 T3 08 |
| | C3-SDJCR-22040-11C1 | 11 | 140.0 | 120.0 | 32.00 | 40.00 | 22.00 | 93.0 | 40.0 | 3 | 150 | 3.0 | DCMT 11 T3 08 |
| | C4-SDJCL-27050-11C1 | 11 | 145.0 | 140.0 | 40.00 | 50.00 | 27.00 | 93.0 | 50.0 | 3 | 150 | 3.0 | DCMT 11 T3 08 |
| | C4-SDJCR-27050-11C1 | 11 | 145.0 | 140.0 | 40.00 | 50.00 | 27.00 | 93.0 | 50.0 | 3 | 150 | 3.0 | DCMT 11 T3 08 |
| | C5-SDJCL-35060-11C1 | 11 | 145.0 | 165.0 | 50.00 | 60.00 | 35.00 | 93.0 | 60.0 | 3 | 150 | 3.0 | DCMT 11 T3 08 |
| | C5-SDJCR-35060-11C1 | 11 | 145.0 | 165.0 | 50.00 | 60.00 | 35.00 | 93.0 | 60.0 | 3 | 150 | 3.0 | DCMT 11 T3 08 |
| | C6-SDJCL-45065-11C1 | 11 | 140.0 | 190.0 | 63.00 | 65.00 | 45.00 | 93.0 | 65.0 | 3 | 150 | 3.0 | DCMT 11 T3 08 |
| | C6-SDJCR-45065-11C1 | 11 | 140.0 | 190.0 | 63.00 | 65.00 | 45.00 | 93.0 | 65.0 | 3 | 150 | 3.0 | DCMT 11 T3 08 |

R = Right hand, L = Left hand

# CoroTurn® 107, cutting unit for turning

Coromant Capto® - Internal coolant supply

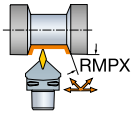



Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 70.00 | 17.50 |

Metric (mm)

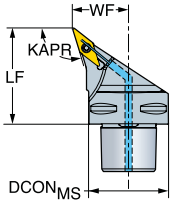


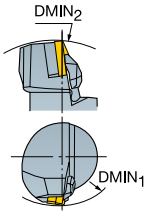

| Ordering code | SSC | DMIN2 [mm] | DCONMS [mm] | LF [mm] | WF [mm] | KAPR1 [deg] | KAPR2 [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C4-SVVBN-00055-16C1 | 16 | 145.0 | 40.00 | 55.00 | 0.60 | 72.5 | 72.5 | 55.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |
| C5-SVVBN-00060-16C1 | 16 | 165.0 | 50.00 | 60.00 | 0.60 | 72.5 | 72.5 | 60.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |
| C6-SVVBN-00065-16C1 | 16 | 190.0 | 63.00 | 65.00 | 0.60 | 72.5 | 72.5 | 65.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |

R = Right hand, L = Left hand

# CoroTurn® 107, cutting unit for turning

Coromant Capto® - Internal coolant supply

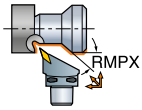



Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 35.00 | -17.50 |

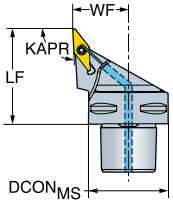
Metric (mm)

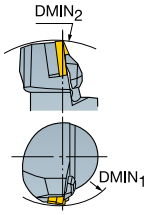
| | Ordering code | SSC | $DMIN_1$ [mm] | $DMIN_2$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | C4-SVHBL-27050-16C1 | 16 | 95.0 | 140.0 | 40.00 | 50.00 | 27.00 | 107.5 | 50.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |
| | C4-SVHBR-27050-16C1 | 16 | 95.0 | 140.0 | 40.00 | 50.00 | 27.00 | 107.5 | 50.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |
| | C5-SVHBL-35060-16C1 | 16 | 95.0 | 165.0 | 50.00 | 60.00 | 35.00 | 107.5 | 60.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |
| | C5-SVHBR-35060-16C1 | 16 | 95.0 | 165.0 | 50.00 | 60.00 | 35.00 | 107.5 | 60.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |
| | C6-SVHBL-45065-16C1 | 16 | 95.0 | 190.0 | 63.00 | 65.00 | 45.00 | 107.5 | 65.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |
| | C6-SVHBR-45065-16C1 | 16 | 95.0 | 190.0 | 63.00 | 65.00 | 45.00 | 107.5 | 65.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |

R = Right hand, L = Left hand

# CoroTurn® 107, cutting unit for turning

Coromant Capto® - Internal coolant supply

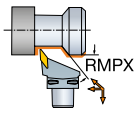



Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 50.00 | -3.00 |

Metric (mm)

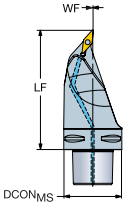


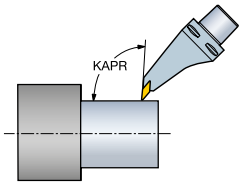

| Ordering code | SSC | DMIN1 [mm] | DMIN2 [mm] | DCONMS [mm] | LF [mm] | WF [mm] | KAPR1 [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C3-SVJBL-2204011B1C1 | 11 | 105.0 | 120.0 | 32.00 | 40.00 | 22.00 | 93.0 | 40.0 | 3 | 150 | 0.9 | VBMT 11 03 04 |
| C3-SVJBR-2204011B1C1 | 11 | 105.0 | 120.0 | 32.00 | 40.00 | 22.00 | 93.0 | 40.0 | 3 | 150 | 0.9 | VBMT 11 03 04 |
| C4-SVJBL-27050-16C1 | 16 | 155.0 | 140.0 | 40.00 | 50.00 | 27.00 | 93.0 | 50.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |
| C4-SVJBL-2705011B1C1 | 11 | 105.0 | 140.0 | 40.00 | 50.00 | 27.00 | 93.0 | 50.0 | 3 | 150 | 0.9 | VBMT 11 03 04 |
| C4-SVJBR-27050-16C1 | 16 | 155.0 | 140.0 | 40.00 | 50.00 | 27.00 | 93.0 | 50.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |
| C4-SVJBR-2705011B1C1 | 11 | 105.0 | 140.0 | 40.00 | 50.00 | 27.00 | 93.0 | 50.0 | 3 | 150 | 3.0 | VBMT 11 03 04 |
| C5-SVJBL-35060-16C1 | 16 | 155.0 | 165.0 | 50.00 | 60.00 | 35.00 | 93.0 | 60.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |
| C5-SVJBR-35060-16C1 | 16 | 155.0 | 165.0 | 50.00 | 60.00 | 35.00 | 93.0 | 60.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |
| C6-SVJBL-45065-16C1 | 16 | 155.0 | 190.0 | 63.00 | 65.00 | 45.00 | 93.0 | 65.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |
| C6-SVJBR-45065-16C1 | 16 | 155.0 | 190.0 | 63.00 | 65.00 | 45.00 | 93.0 | 65.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |
| C8-SVJBL-55080-16C1 | 16 | 220.0 | 250.0 | 80.00 | 80.00 | 55.00 | 93.0 | 80.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |
| C8-SVJBR-55080-16C1 | 16 | 220.0 | 250.0 | 80.00 | 80.00 | 55.00 | 93.0 | 80.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |

R = Right hand, L = Left hand

# CoroTurn® 107, cutting unit for turning

Coromant Capto® - Internal coolant supply

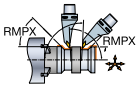



Common data values

| RMPX [deg] | PSIR [deg] | BAMS [deg] |
|---|---|---|
| 50.00 | -3.00 | 45.00 |

Metric (mm)

| | Ordering code | SSC | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | $KAPR_2$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|   | C6-SVMBL-00130-16C1 | 16 | 63.00 | 130.00 | 0.35 | 93.0 | 52.0 | 130.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |
| | C6-SVMBR-00130-16C1 | 16 | 63.00 | 130.00 | 0.35 | 93.0 | 52.0 | 130.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |
| | C8-SVMBL-00160-16C1 | 16 | 80.00 | 160.00 | 0.00 | 93.0 | 52.0 | 160.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |
| | C8-SVMBR-00160-16C1 | 16 | 80.00 | 160.00 | 0.00 | 93.0 | 52.0 | 160.0 | 3 | 150 | 3.0 | VBMT 16 04 08 |

R = Right hand, L = Left hand

# CoroTurn® 107, cutting unit for turning

Coromant Capto® - Internal coolant supply


Common data values

| RMPX [deg] |
|---|
| 90.00 |

Metric (mm)

| Ordering code | SSC | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|
| HT06-SRDCN-00100-10XC | 10 | 63.00 | 100.00 | 5.00 | 100.0 | 1 | 150 | 3.0 | RCMT 10 T3 MP |
| HT06-SRDCN-00100-12XC | 12 | 63.00 | 100.00 | 6.00 | 100.0 | 1 | 150 | 3.0 | RCMT 12 04 MP |
| HT06-SRDCN-00100-16XC | 16 | 63.00 | 100.00 | 8.00 | 100.0 | 1 | 150 | 6.4 | RCMT 16 06 MP |
| HT10-SRDCN-00100-10XC | 10 | 100.00 | 100.00 | 5.00 | 100.0 | 1 | 150 | 3.0 | RCMT 10 T3 MP |
| HT10-SRDCN-00100-12XC | 12 | 100.00 | 100.00 | 6.00 | 100.0 | 1 | 150 | 3.0 | RCMT 12 04 MP |
| HT10-SRDCN-00100-16XC | 16 | 100.00 | 100.00 | 8.00 | 100.0 | 1 | 150 | 6.4 | RCMT 16 06 MP |

R = Right hand, L = Left hand

Common data values

| RMPX [deg] | PSIR [deg] | BAMS [deg] |
|---|---|---|
| 50.00 | -3.00 | 45.00 |

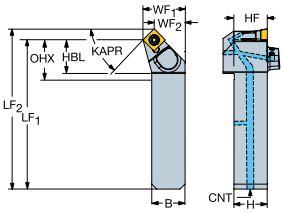
Metric (mm)

| Ordering code | SSC | $DCON_{MS}$ [mm] | LF [mm] | $KAPR_1$ [deg] | $KAPR_2$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|
| HT06-SVMBL-00130-16C | 16 | 63.00 | 130.00 | 93.0 | 52.0 | 130.0 | 1 | 150 | 3.0 | VBMT 16 04 08 |
| HT10-SVMBL-00130-16C | 16 | 100.00 | 130.00 | 93.0 | 52.0 | 130.0 | 1 | 150 | 3.0 | VBMT 16 04 08 |

R = Right hand, L = Left hand

# CoroTurn® 107, QS™ shank tool for turning

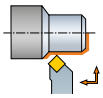
Screw clamp design




Common data values

| PSIR [deg] |
|---|
| 45.00 |

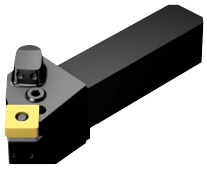
Metric (mm)

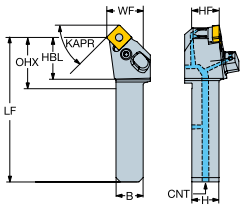
| | Ordering code | SSC | LF [mm] | WF [mm] | HF [mm] | B [mm] | H [mm] | KAPR$_1$ [deg] | OHX [mm] | OHN [mm] | CNSC | HBL [mm] | CNT | CP [bar] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | QS-SSDCR202009C1 | 09 | 90.10 | 25.00 | 20.0 | 20.00 | 20.00 | 45.0 | 52.5 | 27.5 | 3 | 27.5 | G 1/8-28 | 150 | 3.0 |
| | QS-SSDCR252509C1 | 09 | 106.10 | 32.00 | 25.0 | 25.00 | 25.00 | 45.0 | 53.5 | 28.5 | 3 | 28.5 | G 1/8-28 | 150 | 3.0 |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

R = Right hand, L = Left hand

# T-Max® P, QS™ shank tool for turning

Screw clamp design

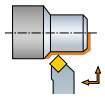





Common data values

| PSIR [deg] |
|---|
| 45.00 |

Metric (mm)

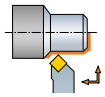
| | Ordering code | SSC | LF [mm] | WF [mm] | HF [mm] | B [mm] | H [mm] | KAPR$_1$ [deg] | OHX [mm] | OHN [mm] | CNSC | HBL [mm] | CNT | CP [bar] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | QS-PSSNL2020-12C1 | 12 | 101.70 | 25.00 | 20.0 | 20.00 | 20.00 | 45.0 | 52.7 | 32.7 | 3 | 32.7 | G 1/8-28 | 150 | 5.0 |
| | QS-PSSNL2525-12C1 | 12 | 115.70 | 32.00 | 25.0 | 25.00 | 25.00 | 45.0 | 56.7 | 31.7 | 3 | 31.7 | G 1/8-28 | 150 | 5.0 |
| | QS-PSSNR2020-12C1 | 12 | 101.70 | 25.00 | 20.0 | 20.00 | 20.00 | 45.0 | 52.7 | 32.7 | 3 | 32.7 | G 1/8-28 | 150 | 5.0 |
| | QS-PSSNR2525-12C1 | 12 | 115.70 | 32.00 | 25.0 | 25.00 | 25.00 | 45.0 | 56.7 | 31.7 | 3 | 31.7 | G 1/8-28 | 150 | 5.0 |

R = Right hand, L = Left hand

Common data values

| PSIR [deg] | HBL [inch] |
|---|---|
| 45.000 | 1.268 |

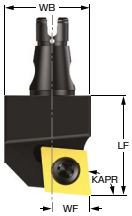
Imperial (inch)

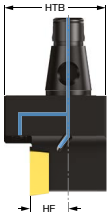
| | Ordering code | SSC | LF [inch] | WF [inch] | HF [inch] | B [inch] | H [inch] | KAPR$_1$ [deg] | OHX [inch] | CNSC | OHN [inch] | CNT | CP [lbf/in2] | TQ [ft] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | QS-PSSNL124C1 | 1/2 | 3.984 | 1.000 | 0.750 | 0.750 | 0.750 | 45.0 | 2.018 | 3 | 1.268 | G 1/8-28 | 2176 | 3.7 | SNMG 12 04 08 |
| | QS-PSSNL164C1 | 1/2 | 4.575 | 1.250 | 1.000 | 1.000 | 1.000 | 45.0 | 2.268 | 3 | 1.268 | G 1/8-28 | 2176 | 3.7 | SNMG 12 04 08 |
| | QS-PSSNR124C1 | 1/2 | 3.984 | 1.000 | 0.750 | 0.750 | 0.750 | 45.0 | 2.018 | 3 | 1.268 | G 1/8-28 | 2176 | 3.7 | SNMG 12 04 08 |
| | QS-PSSNR164C1 | 1/2 | 4.575 | 1.250 | 1.000 | 1.000 | 1.000 | 45.0 | 2.268 | 3 | 1.268 | G 1/8-28 | 2176 | 3.7 | SNMG 12 04 08 |

R = Right hand, L = Left hand

# CoroTurn® 107, QS™ Micro cutting head for general turning

Precision machining. Insert style CCMT




Common data values

| PSIR [deg] |
|---|
| -5.00 |

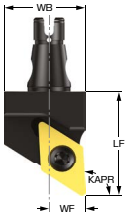
Metric (mm)

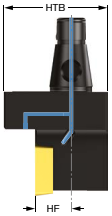
| Ordering code | SSC | LF [mm] | WF [mm] | HF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | WB [mm] | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|
| QSM12-SCLCL-09C | 09 | 21.00 | 6.00 | 6.0 | 95.0 | 21.0 | 1 | 16.0 | 150 | 3.0 | CCMT 09 T3 04 |
| QSM12-SCLCR-06C | 06 | 21.00 | 6.00 | 6.0 | 95.0 | 21.0 | 1 | 16.0 | 150 | 0.9 | CCMT 06 02 04 |
| QSM12-SCLCR-09C | 09 | 21.00 | 6.00 | 6.0 | 95.0 | 21.0 | 1 | 16.0 | 150 | 3.0 | CCMT 09 T3 04 |
| QSM16-SCLCL-09C | 09 | 21.00 | 8.00 | 8.0 | 95.0 | 21.0 | 1 | 18.0 | 150 | 3.0 | CCMT 09 T3 04 |
| QSM16-SCLCR-09C | 09 | 21.00 | 8.00 | 8.0 | 95.0 | 21.0 | 1 | 18.0 | 150 | 3.0 | CCMT 09 T3 04 |

R = Right hand, L = Left hand

# CoroTurn® 107, QS™ Micro cutting head for general turning

Precision machining. Insert style DCMT




Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 27.00 | -3.00 |

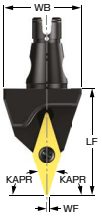
Metric (mm)

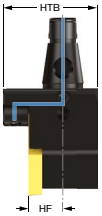
| Ordering code | SSC | LF [mm] | WF [mm] | HF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | WB [mm] | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|
| QSM12-SDJCL-07C | 07 | 22.00 | 6.00 | 6.0 | 93.0 | 22.0 | 1 | 16.0 | 150 | 0.9 | DCMT 07 02 04 |
| QSM12-SDJCL-11C | 11 | 23.00 | 6.00 | 6.0 | 93.0 | 23.0 | 1 | 16.0 | 150 | 3.0 | DCMT 11 T3 08 |
| QSM12-SDJCR-07C | 07 | 22.00 | 6.00 | 6.0 | 93.0 | 22.0 | 1 | 16.0 | 150 | 0.9 | DCMT 07 02 04 |
| QSM12-SDJCR-11C | 11 | 23.00 | 6.00 | 6.0 | 93.0 | 23.0 | 1 | 16.0 | 150 | 3.0 | DCMT 11 T3 08 |
| QSM16-SDJCL-11C | 11 | 23.00 | 8.00 | 8.0 | 93.0 | 23.0 | 1 | 18.0 | 150 | 3.0 | DCMT 11 T3 08 |
| QSM16-SDJCR-11C | 11 | 23.00 | 8.00 | 8.0 | 93.0 | 23.0 | 1 | 18.0 | 150 | 3.0 | DCMT 11 T3 08 |

R = Right hand, L = Left hand

# CoroTurn® 107, QS™ Micro cutting head for general turning

Precision machining. Insert style VBMT



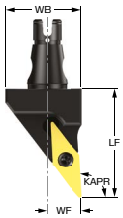

Common data values

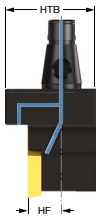
| PSIR [deg] |
|---|
| 17.50 |

Metric (mm)

| Ordering code | SSC | LF [mm] | WF [mm] | HF [mm] | $KAPR_1$ [deg] | RMPX [deg] | OHX [mm] | CNSC | WB [mm] | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QSM12-SVVBN-11C | 11 | 25.00 | 0.29 | 6.0 | 72.5 | 68.50 | 25.0 | 1 | 16.0 | 150 | 0.9 | VBMT 11 03 04 |
| QSM16-SVVBN-11C | 11 | 25.00 | 0.29 | 8.0 | 72.5 | 70.00 | 25.0 | 1 | 18.0 | 150 | 0.9 | VBMT 11 03 04 |

Precision machining. Insert style VCMT




Common data values

| PSIR [deg] |
|---|
| -3.00 |

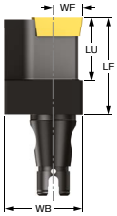
Metric (mm)

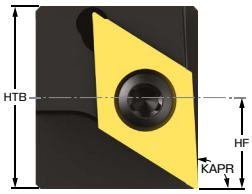
| Ordering code | SSC | LF [mm] | WF [mm] | HF [mm] | $KAPR_1$ [deg] | RMPX [deg] | OHX [mm] | CNSC | WB [mm] | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QSM12-SVJCL-11C | 11 | 26.00 | 6.00 | 6.0 | 93.0 | 50.00 | 26.0 | 1 | 16.0 | 150 | 0.9 | VCMT 11 03 04 |
| QSM12-SVJCR-11C | 11 | 26.00 | 6.00 | 6.0 | 93.0 | 50.00 | 26.0 | 1 | 16.0 | 150 | 0.9 | VCMT 11 03 04 |
| QSM16-SVJCL-11C | 11 | 26.00 | 8.00 | 8.0 | 93.0 | 0.00 | 26.0 | 1 | 18.0 | 150 | 0.9 | VCMT 11 03 04 |
| QSM16-SVJCR-11C | 11 | 26.00 | 8.00 | 8.0 | 93.0 | 0.00 | 26.0 | 1 | 18.0 | 150 | 0.9 | VCMT 11 03 04 |

R = Right hand, L = Left hand

# CoroTurn® 107, QS™ Micro cutting head for Y-axis general turning

Precision machining. Insert style DCMT




Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 27.00 | -3.00 |

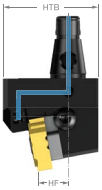
Metric (mm)

| Ordering code | SSC | LF [mm] | WF [mm] | HF [mm] | $KAPR_1$ [deg] | LU [mm] | OHX [mm] | CNSC | WB [mm] | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QSM12-SDJCR-11B-Y | 11 | 21.00 | 6.00 | 6.0 | 93.0 | 13.00 | 21.0 | 1 | 16.0 | 150 | 3.0 | DCMT 11 T3 02 |
| QSM16-SDJCR-11B-Y | 11 | 25.00 | 8.00 | 8.0 | 93.0 | 23.00 | 25.0 | 1 | 17.6 | 150 | 3.0 | DCMT 11 T3 02 |

R = Right hand, L = Left hand

# CoroThread® 266, QS™ Micro cutting head for thread turning

Precision machining - threading

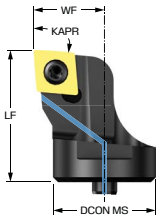

Metric (mm)

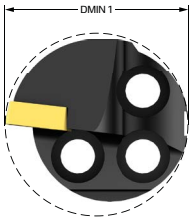
| Ordering code | SSC | LF [mm] | WF [mm] | HF [mm] | OHX [mm] | CNSC | WB [mm] | CP [bar] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|
| QSM12-266LFA-16A | 16 | 26.00 | 6.00 | 6.0 | 26.0 | 1 | 16.0 | 150 | 3.0 |
| QSM12-266RFA-16A | 16 | 26.00 | 6.00 | 6.0 | 26.0 | 1 | 16.0 | 150 | 3.0 |
| QSM16-266LFA-16A | 16 | 26.00 | 8.00 | 8.0 | 26.0 | 1 | 18.0 | 150 | 3.0 |
| QSM16-266RFA-16A | 16 | 26.00 | 8.00 | 8.0 | 26.0 | 1 | 18.0 | 150 | 3.0 |

R = Right hand, L = Left hand

# CoroTurn® 107, cutting head for turning

Insert style: CCMT




Common data values

| PSIR [deg] |
|---|
| -5.00 |

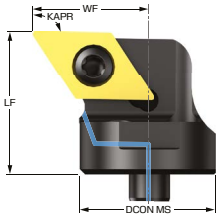
Metric (mm)

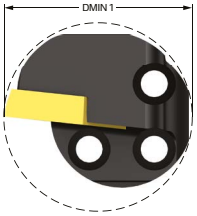
| Ordering code | SSC | $DMIN_1$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SL-SCLCL-16-06-11D | 06 | 20.0 | 16.00 | 20.00 | 11.00 | 95.0 | 20.0 | 8 | 40 | 0.9 | CCMT 06 02 04 |
| SL-SCLCL-20-09-13D | 09 | 25.0 | 20.00 | 20.00 | 13.00 | 95.0 | 20.0 | 8 | 40 | 3.0 | CCMT 09 T3 08 |
| SL-SCLCR-16-06-11D | 06 | 20.0 | 16.00 | 20.00 | 11.00 | 95.0 | 20.0 | 8 | 40 | 0.9 | CCMT 06 02 04 |
| SL-SCLCR-20-09-13D | 09 | 25.0 | 20.00 | 20.00 | 13.00 | 95.0 | 20.0 | 8 | 40 | 3.0 | CCMT 09 T3 08 |

R = Right hand, L = Left hand

# CoroTurn® 107, cutting head for turning

Insert style: DCMT




Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 32.00 | -1.00 |

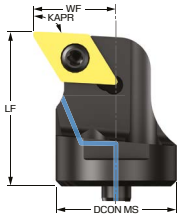
Metric (mm)

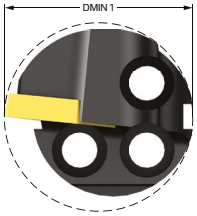
| Ordering code | SSC | $DMIN_1$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SL-SDTCL-20-07-16.5D | 07 | 27.0 | 20.00 | 20.00 | 16.50 | 91.0 | 20.0 | 8 | 40 | 0.9 | DCMT 07 02 04 |
| SL-SDTCL-20-11-16.5D | 11 | 27.0 | 20.00 | 20.00 | 16.50 | 91.0 | 20.0 | 8 | 40 | 3.0 | DCMT 11 T3 04 |
| SL-SDTCR-20-07-16.5D | 07 | 27.0 | 20.00 | 20.00 | 16.50 | 91.0 | 20.0 | 8 | 40 | 0.9 | DCMT 07 02 04 |
| SL-SDTCR-20-11-16.5D | 11 | 27.0 | 20.00 | 20.00 | 16.50 | 91.0 | 20.0 | 8 | 40 | 3.0 | DCMT 11 T3 04 |

R = Right hand, L = Left hand

# CoroTurn® 107, cutting head for turning

Insert style: DCMT




Common data values

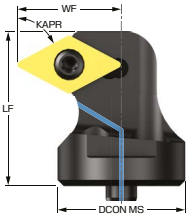
| RMPX [deg] | PSIR [deg] |
|---|---|
| 27.00 | -3.00 |

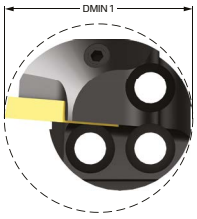
Metric (mm)

| Ordering code | SSC | $DMIN_1$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SL-SDUCL-16-07-11D | 07 | 20.0 | 16.00 | 20.00 | 11.00 | 93.0 | 20.0 | 8 | 40 | 0.9 | DCMT 07 02 04 |
| SL-SDUCL-20-11-13D | 11 | 25.0 | 20.00 | 20.00 | 13.00 | 93.0 | 20.0 | 8 | 40 | 3.0 | DCMT 11 T3 08 |
| SL-SDUCR-16-07-11D | 07 | 20.0 | 16.00 | 20.00 | 11.00 | 93.0 | 20.0 | 8 | 40 | 0.9 | DCMT 07 02 04 |
| SL-SDUCR-20-11-13D | 11 | 25.0 | 20.00 | 20.00 | 13.00 | 93.0 | 20.0 | 8 | 40 | 3.0 | DCMT 11 T3 08 |

R = Right hand, L = Left hand

Insert style: DCMT




Common data values

| RMPX [deg] | PSIR [deg] | LPR [mm] |
|---|---|---|
| 60.00 | 27.50 | 18.8 |

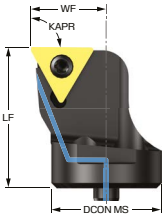
Metric (mm)

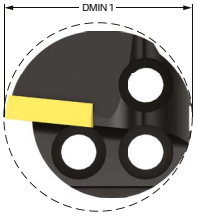
| Ordering code | SSC | $DMIN_1$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | $KAPR_2$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SL-SDXCL-16-07-13D | 07 | 22.0 | 16.00 | 15.00 | 13.00 | 62.5 | 62.5 | 15.0 | 8 | 40 | 0.9 | DCMT 07 02 04 |
| SL-SDXCL-20-07-15D | 07 | 27.0 | 20.00 | 15.00 | 15.00 | 62.5 | 62.5 | 15.0 | 8 | 40 | 0.9 | DCMT 07 02 04 |
| SL-SDXCR-16-07-13D | 07 | 22.0 | 16.00 | 15.00 | 13.00 | 62.5 | 62.5 | 15.0 | 8 | 40 | 0.9 | DCMT 07 02 04 |
| SL-SDXCR-20-07-15D | 07 | 27.0 | 20.00 | 15.00 | 15.00 | 62.5 | 62.5 | 15.0 | 8 | 40 | 0.9 | DCMT 07 02 04 |

R = Right hand, L = Left hand

# CoroTurn® 107, cutting head for turning

Insert style: TCMT




Common data values

| PSIR [deg] |
|---|
| -1.00 |

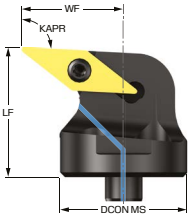
Metric (mm)

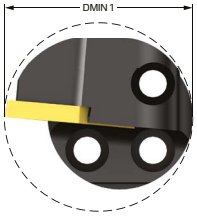
| Ordering code | SSC | $DMIN_1$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SL-STFCL-16-09-11D | 09 | 20.0 | 16.00 | 20.00 | 11.00 | 91.0 | 20.0 | 8 | 40 | 0.9 | TCMT 09 02 04 |
| SL-STFCL-16-11-11D | 11 | 20.0 | 16.00 | 20.00 | 11.00 | 91.0 | 20.0 | 8 | 40 | 0.9 | TCMT 11 03 04 |
| SL-STFCL-20-11-13D | 11 | 25.0 | 20.00 | 20.00 | 13.00 | 91.0 | 20.0 | 8 | 40 | 0.9 | TCMT 11 03 04 |
| SL-STFCR-16-09-11D | 09 | 20.0 | 16.00 | 20.00 | 11.00 | 91.0 | 20.0 | 8 | 40 | 0.9 | TCMT 09 02 04 |
| SL-STFCR-16-11-11D | 11 | 20.0 | 16.00 | 20.00 | 11.00 | 91.0 | 20.0 | 8 | 40 | 0.9 | TCMT 11 03 04 |
| SL-STFCR-20-11-13D | 11 | 25.0 | 20.00 | 20.00 | 13.00 | 91.0 | 20.0 | 8 | 40 | 0.9 | TCMT 11 03 04 |

R = Right hand, L = Left hand

# CoroTurn® 107, cutting head for turning

Insert style: VBMT




Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 50.00 | -3.00 |

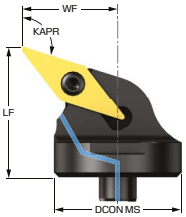
Metric (mm)

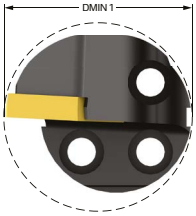
| Ordering code | SSC | $DMIN_1$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SL-SVUBL-20-1102-16D | 11 | 27.0 | 20.00 | 20.00 | 16.00 | 93.0 | 20.0 | 8 | 40 | 0.9 | VBMT 11 02 04 |
| SL-SVUBR-20-1102-16D | 11 | 27.0 | 20.00 | 20.00 | 16.00 | 93.0 | 20.0 | 8 | 40 | 0.9 | VBMT 11 02 04 |

R = Right hand, L = Left hand

# CoroTurn® 107, cutting head for turning

Insert style: VCMT




Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 35.00 | -17.50 |

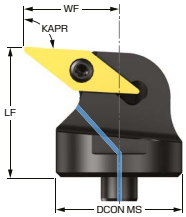
Metric (mm)

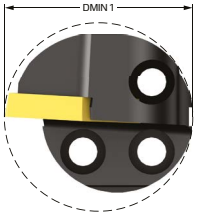
| Ordering code | SSC | $DMIN_1$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SL-SVQCL-20-11-15D | 11 | 27.0 | 20.00 | 20.00 | 15.00 | 107.5 | 20.0 | 8 | 40 | 0.9 | VCMT 11 03 04 |
| SL-SVQCR-20-11-15D | 11 | 27.0 | 20.00 | 20.00 | 15.00 | 107.5 | 20.0 | 8 | 40 | 0.9 | VCMT 11 03 04 |

R = Right hand, L = Left hand

# CoroTurn® 107, cutting head for turning

Insert style: VCMT




Common data values

| RMPX [deg] | PSIR [deg] |
|---|---|
| 45.00 | -3.00 |

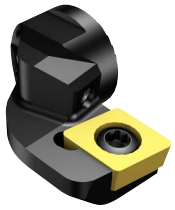
Metric (mm)

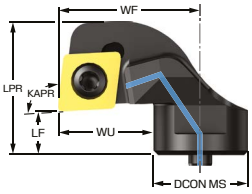
| Ordering code | SSC | $DMIN_1$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SL-SVUCL-20-11-15D | 11 | 27.0 | 20.00 | 20.00 | 15.00 | 93.0 | 20.0 | 8 | 40 | 0.9 | VCMT 11 03 04 |
| SL-SVUCR-20-11-15D | 11 | 27.0 | 20.00 | 20.00 | 15.00 | 93.0 | 20.0 | 8 | 40 | 0.9 | VCMT 11 03 04 |

R = Right hand, L = Left hand

# CoroTurn® 107, cutting head for back boring

Insert style: CCMT







Common data values

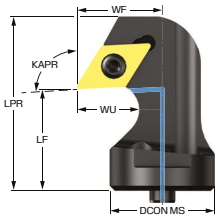
| RMPX [deg] | PSIR [deg] | LPR [mm] |
|---|---|---|
| 7.00 | -3.00 | 22.0 |

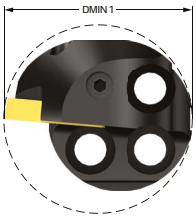
Metric (mm)

| Ordering code | SSC | $DMIN_1$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SL-SCUCR-16-09-16XA | 09 | 33.0 | 16.00 | 7.00 | 24.00 | 93.0 | 7.0 | 1 | 70 | 3.0 | CCMT 09 T3 08 |
| SL-SCUCR-20-09-20XA | 09 | 41.0 | 20.00 | 7.00 | 30.00 | 93.0 | 7.0 | 1 | 70 | 3.0 | CCMT 09 T3 08 |

R = Right hand, L = Left hand

Insert style: DCMT




Common data values

| RMPX [deg] | PSIR [deg] | LPR [mm] |
|---|---|---|
| 27.00 | -3.00 | 26.6 |

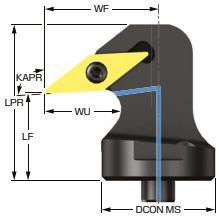
Metric (mm)

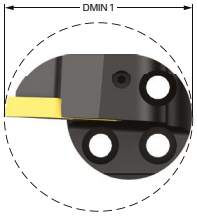
| Ordering code | SSC | $DMIN_1$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SL-SDUCL-16-07-05XD | 07 | 22.0 | 16.00 | 15.00 | 13.00 | 93.0 | 15.0 | 8 | 40 | 0.9 | DCMT 07 02 04 |
| SL-SDUCL-20-07-05XD | 07 | 27.0 | 20.00 | 15.00 | 15.00 | 93.0 | 15.0 | 8 | 40 | 0.9 | DCMT 07 02 04 |
| SL-SDUCR-16-07-05XD | 07 | 22.0 | 16.00 | 15.00 | 13.00 | 93.0 | 15.0 | 8 | 40 | 0.9 | DCMT 07 02 04 |
| SL-SDUCR-20-07-05XD | 07 | 27.0 | 20.00 | 15.00 | 15.00 | 93.0 | 15.0 | 8 | 40 | 0.9 | DCMT 07 02 04 |

R = Right hand, L = Left hand

# CoroTurn® 107, cutting head for back boring

Insert style: VCMT




Common data values

| RMPX [deg] | PSIR [deg] | LPR [mm] |
|---|---|---|
| 30.00 | -3.00 | 27.0 |

Metric (mm)

| Ordering code | SSC | $DMIN_1$ [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | $KAPR_1$ [deg] | OHX [mm] | CNSC | CP [bar] | TQ [Nm] | MIID |
|---|---|---|---|---|---|---|---|---|---|---|---|
| SL-SVUCL-20-11-10XD | 11 | 32.0 | 20.00 | 15.00 | 20.00 | 93.0 | 15.0 | 8 | 40 | 0.9 | VCMT 11 03 04 |
| SL-SVUCR-20-11-10XD | 11 | 32.0 | 20.00 | 15.00 | 20.00 | 93.0 | 15.0 | 8 | 40 | 0.9 | VCMT 11 03 04 |

R = Right hand, L = Left hand


Read more about CoroCut® 2:
**sandvik.coromant.com/corocut2**

# CoroCut® 2

## New concept, greater benefits

CoroCut® 2 is a versatile concept that covers all parting and grooving applications in most materials. It is the first choice for cost-efficient machining.

## Application

- Parting off
- External grooving
- Face grooving
- Internal grooving
- Profiling
- Roughing to finishing


P M K N S

ISO application area

## Features and benefits

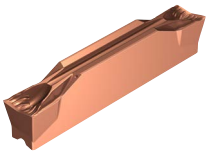
- Upgraded insert interface for better stability on smaller insert seat sizes
- Improved edge line quality
- Wiper design on all parting geometries for excellent surface finish
- New high performing grades
- Improved clamping on precision coolant tools
- Parting blades with new clamping finger design
- The wide offer of geometries and tools with precision coolant makes it possible to optimize for different machining conditions

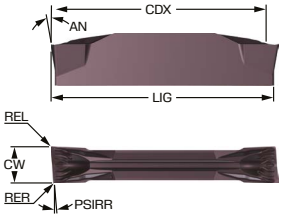
## Amazingly safe, amazingly versatile

Developed to meet the specific needs of parting and grooving applications, CoroCut® 2 brings a new level of process security and productivity to your machining. With this versatile tool concept, you'll get the stability you need, while keeping cost per component down and metal cutting efficiency up.

# CoroCut® 2, insert for parting

Right-hand version





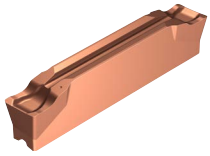

Metric (mm)

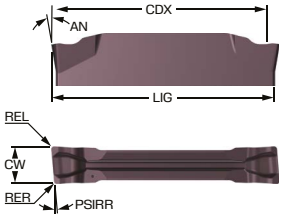
| | | Ordering code | P | | | S | | | K | | M | | | N | SSC | CW [mm] | REL [mm] | RER [mm] | PSIRR [deg] | AN [deg] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1225 | 1135 | 1145 | 1225 | 1135 | 1145 | 1225 | 1135 | 1225 | 1135 | 1145 | 1225 | | | | | | |
| Finishing | NEW | C2I-F2R-0250-0501-CF | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | ● | ○ | ● | F | 2.50 | 0.15 | 0.15 | 5.0 | 7.0 |
| | NEW | C2I-G2R-0300-0501-CF | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | ● | ○ | ● | G | 3.00 | 0.15 | 0.15 | 5.0 | 7.0 |
| | NEW | C2I-H2R-0400-0501-CF | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | ● | ○ | ● | H | 4.00 | 0.15 | 0.15 | 5.0 | 7.0 |

● = First choice ○ = Good choice

# CoroCut® 2, insert for parting

Right-hand version





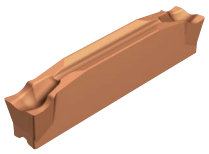

Metric (mm)

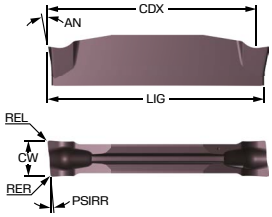
| | | | P | | | S | | | K | | M | | | N | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **Ordering code** | **1225** | **1135** | **1145** | **1225** | **1135** | **1145** | **1225** | **1135** | **1225** | **1135** | **1145** | **1225** | **SSC** | **CW [mm]** | **REL [mm]** | **RER [mm]** | **PSIRR [deg]** | **AN [deg]** |
| **Roughing** | NEW | C2I-F2R-0250-0503-CR | ● | ○ | | ● | ○ | | ● | ○ | ○ | ● | | ● | F | 2.50 | 0.30 | 0.30 | 5.0 | 7.0 |
| | NEW | C2I-G2R-0300-0503-CR | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | ● | ○ | ● | G | 3.00 | 0.30 | 0.30 | 5.0 | 7.0 |
| | NEW | C2I-H2R-0400-0503-CR | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | ● | ○ | ● | H | 4.00 | 0.30 | 0.30 | 5.0 | 7.0 |
| | NEW | C2I-J2R-0500-0504-CR | ● | ○ | | ● | ○ | | ● | ○ | ○ | ● | | ● | J | 5.00 | 0.40 | 0.40 | 5.0 | 7.0 |

● = First choice ○ = Good choice

# CoroCut® 2, insert for parting

Right-hand version





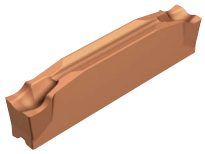

Metric (mm)

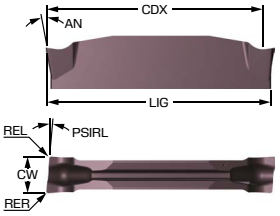
| | | | P | S | K | M | N | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1225 | 1225 | 1225 | 1225 | 1225 | SSC | CW [mm] | REL [mm] | RER [mm] | PSIRR [deg] | AN [deg] |
| Finishing | NEW | C2I-D2R-0150-1001-CS | ● | ● | ● | ● | ● | D | 1.50 | 0.10 | 0.10 | 10.0 | 5.0 |
| | NEW | C2I-D2R-0150-1501-CS | ● | ● | ● | ● | ● | D | 1.50 | 0.10 | 0.10 | 15.0 | 5.0 |
| | NEW | C2I-E2R-0200-1001-CS | ● | ● | ● | ● | ● | E | 2.00 | 0.10 | 0.10 | 10.0 | 5.0 |
| | NEW | C2I-E2R-0200-1501-CS | ● | ● | ● | ● | ● | E | 2.00 | 0.10 | 0.10 | 15.0 | 5.0 |
| | NEW | C2I-F2R-0250-1001-CS | ● | ● | ● | ● | ● | F | 2.50 | 0.10 | 0.10 | 10.0 | 5.0 |
| | NEW | C2I-F2R-0250-1501-CS | ● | ● | ● | ● | ● | F | 2.50 | 0.10 | 0.10 | 15.0 | 5.0 |
| | NEW | C2I-G2R-0300-1001-CS | ● | ● | ● | ● | ● | G | 3.00 | 0.10 | 0.10 | 10.0 | 5.0 |
| | NEW | C2I-G2R-0300-1501-CS | ● | ● | ● | ● | ● | G | 3.00 | 0.10 | 0.10 | 15.0 | 5.0 |

● = First choice ○ = Good choice

# CoroCut® 2, insert for parting

Left-hand version





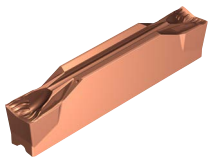

Metric (mm)

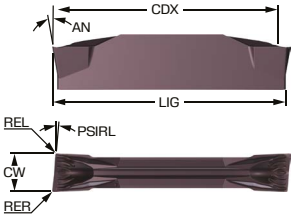
| | | Ordering code | P 1225 | S 1225 | K 1225 | M 1225 | N 1225 | SSC | CW [mm] | REL [mm] | RER [mm] | PSIRL [deg] | AN [deg] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Finishing | NEW | C2I-D2L-0150-1001-CS | ● | ● | ● | ● | ● | D | 1.50 | 0.10 | 0.10 | 10.0 | 5.0 |
| | NEW | C2I-D2L-0150-1501-CS | ● | ● | ● | ● | ● | D | 1.50 | 0.10 | 0.10 | 15.0 | 5.0 |
| | NEW | C2I-E2L-0200-1001-CS | ● | ● | ● | ● | ● | E | 2.00 | 0.10 | 0.10 | 10.0 | 5.0 |
| | NEW | C2I-E2L-0200-1501-CS | ● | ● | ● | ● | ● | E | 2.00 | 0.10 | 0.10 | 15.0 | 5.0 |
| | NEW | C2I-F2L-0250-1001-CS | ● | ● | ● | ● | ● | F | 2.50 | 0.10 | 0.10 | 10.0 | 5.0 |
| | NEW | C2I-F2L-0250-1501-CS | ● | ● | ● | ● | ● | F | 2.50 | 0.10 | 0.10 | 15.0 | 5.0 |
| | NEW | C2I-G2L-0300-1001-CS | ● | ● | ● | ● | ● | G | 3.00 | 0.10 | 0.10 | 10.0 | 5.0 |
| | NEW | C2I-G2L-0300-1501-CS | ● | ● | ● | ● | ● | G | 3.00 | 0.10 | 0.10 | 15.0 | 5.0 |

● = First choice ○ = Good choice

# CoroCut® 2, insert for parting

Left-hand version





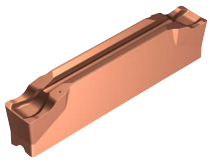

Metric (mm)

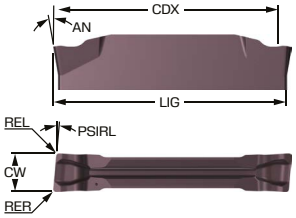
| | | Ordering code | P | | | S | | | K | | M | | | N | SSC | CW [mm] | REL [mm] | RER [mm] | PSIRL [deg] | AN [deg] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1225 | 1135 | 1145 | 1225 | 1135 | 1145 | 1225 | 1135 | 1225 | 1135 | 1145 | 1225 | | | | | | |
| Finishing | NEW | C2I-F2L-0250-0501-CF | ● | | | ● | | | ● | | ● | | | ● | F | 2.50 | 0.15 | 0.15 | 5.0 | 7.0 |
| | NEW | C2I-G2L-0300-0501-CF | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | ● | ○ | ● | G | 3.00 | 0.15 | 0.15 | 5.0 | 7.0 |
| | NEW | C2I-H2L-0400-0501-CF | ● | | | ● | | | ● | | ● | | | ● | H | 4.00 | 0.15 | 0.15 | 5.0 | 7.0 |

● = First choice ○ = Good choice

# CoroCut® 2, insert for parting

Left-hand version





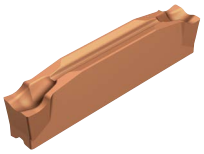

Metric (mm)

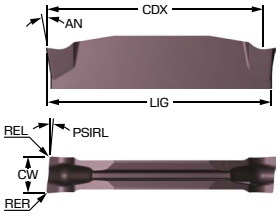
| | | Ordering code | P | | S | | K | | M | | N | SSC | CW [mm] | REL [mm] | RER [mm] | PSIRL [deg] | AN [deg] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1225 | 1135 | 1225 | 1135 | 1225 | 1135 | 1225 | 1135 | 1225 | | | | | | |
| Roughing | NEW | C2I-F2L-0250-0503-CR | ● | | ● | | ● | | ● | | ● | F | 2.50 | 0.30 | 0.30 | 5.0 | 7.0 |
| | NEW | C2I-G2L-0300-0503-CR | ● | ○ | ● | ○ | ● | ○ | ○ | ● | ● | G | 3.00 | 0.30 | 0.30 | 5.0 | 7.0 |
| | NEW | C2I-H2L-0400-0503-CR | ● | ○ | ● | ○ | ● | ○ | ○ | ● | ● | H | 4.00 | 0.30 | 0.30 | 5.0 | 7.0 |
| | NEW | C2I-J2L-0500-0504-CR | ● | | ● | | ● | | ● | | ● | J | 5.00 | 0.40 | 0.40 | 5.0 | 7.0 |

● = First choice ○ = Good choice

# CoroCut® 2, insert for parting

Left-hand version





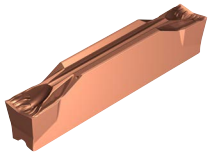

Metric (mm)

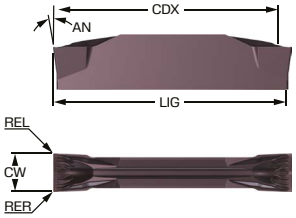
| | | Ordering code | P 1225 | S 1225 | K 1225 | M 1225 | N 1225 | SSC | CW [mm] | REL [mm] | RER [mm] | PSIRL [deg] | AN [deg] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Finishing | NEW | C2I-D2L-0150-1001-CS | ● | ● | ● | ● | ● | D | 1.50 | 0.10 | 0.10 | 10.0 | 5.0 |
| | NEW | C2I-D2L-0150-1501-CS | ● | ● | ● | ● | ● | D | 1.50 | 0.10 | 0.10 | 15.0 | 5.0 |
| | NEW | C2I-E2L-0200-1001-CS | ● | ● | ● | ● | ● | E | 2.00 | 0.10 | 0.10 | 10.0 | 5.0 |
| | NEW | C2I-E2L-0200-1501-CS | ● | ● | ● | ● | ● | E | 2.00 | 0.10 | 0.10 | 15.0 | 5.0 |
| | NEW | C2I-F2L-0250-1001-CS | ● | ● | ● | ● | ● | F | 2.50 | 0.10 | 0.10 | 10.0 | 5.0 |
| | NEW | C2I-F2L-0250-1501-CS | ● | ● | ● | ● | ● | F | 2.50 | 0.10 | 0.10 | 15.0 | 5.0 |
| | NEW | C2I-G2L-0300-1001-CS | ● | ● | ● | ● | ● | G | 3.00 | 0.10 | 0.10 | 10.0 | 5.0 |
| | NEW | C2I-G2L-0300-1501-CS | ● | ● | ● | ● | ● | G | 3.00 | 0.10 | 0.10 | 15.0 | 5.0 |

● = First choice ○ = Good choice

# CoroCut® 2, insert for parting

Neutral version





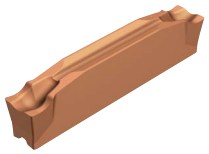

Metric (mm)

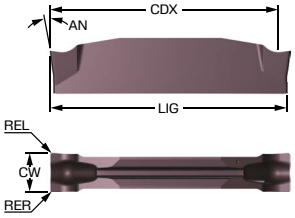
| | | Ordering code | P | | | | | S | | | | K | | | M | | | | | N | | SSC | CW [mm] | REL [mm] | RER [mm] | AN [deg] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | 1225 | 1135 | 1145 | 5015 | 4425 | 1205 | 1225 | 1135 | 1145 | 1225 | 1135 | 4425 | 1205 | 1225 | 1135 | 1145 | 5015 | 1205 | 1225 | | | | | |
| Finishing | NEW | C2I-F2N-0250-0001-CF | ● | ○ | ○ | | ○ | | ○ | ○ | ● | ○ | ○ | ● | | ○ | ● | ○ | | | ● | F | 2.50 | 0.10 | 0.10 | 7.0 |
| | NEW | C2I-G2N-0300-0001-CF | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ● | ○ | ○ | ● | ○ | ○ | ○ | ● | G | 3.00 | 0.10 | 0.10 | 7.0 |
| | NEW | C2I-H2N-0400-0001-CF | ● | ○ | ○ | | ○ | ○ | ○ | ○ | ● | ○ | ○ | ● | ○ | ○ | ● | ○ | | ○ | ● | H | 4.00 | 0.10 | 0.10 | 7.0 |

● = First choice ○ = Good choice

# CoroCut® 2, insert for parting

Neutral version





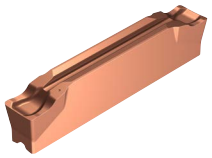

Metric (mm)

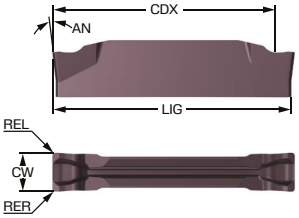
| | | S | M | N | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **1205** | **1205** | **1205** | **SSC** | **CW [mm]** | **REL [mm]** | **RER [mm]** | **AN [deg]** |
| **Medium** | C2I-D2N-0150-0002-CM | ● | ● | ● | D | 1.50 | 0.20 | 0.20 | 7.0 |
| | C2I-E2N-0200-0002-CM | ● | ● | ● | E | 2.00 | 0.20 | 0.20 | 7.0 |
| | C2I-F2N-0250-0002-CM | ● | ● | ● | F | 2.50 | 0.20 | 0.20 | 7.0 |
| | C2I-G2N-0300-0002-CM | ● | ● | ● | G | 3.00 | 0.20 | 0.20 | 7.0 |
| | C2I-H2N-0400-0002-CM | ● | ● | ● | H | 4.00 | 0.20 | 0.20 | 7.0 |

● = First choice ○ = Good choice

# CoroCut® 2, insert for parting

Neutral version





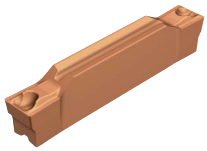

Metric (mm)

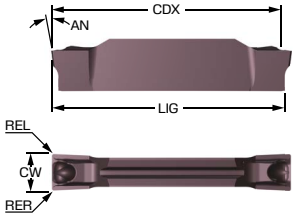
| | | P | | | | | S | | | | K | | | | M | | | | N | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **1225** | **1135** | **3115** | **1145** | **4425** | **1205** | **1225** | **1135** | **1145** | **1225** | **1135** | **3115** | **4425** | **1205** | **1225** | **1135** | **1145** | **1205** | **1225** | **SSC** | **CW [mm]** | **REL [mm]** | **RER [mm]** | **AN [deg]** |
| Roughing | C2I-F2N-0250-0003-CR | ● | ○ | ○ | ○ | ○ | | ○ | ○ | ● | ○ | ○ | ○ | ● | | ○ | ● | ○ | | ● | F | 2.50 | 0.30 | 0.30 | 7.0 |
| | C2I-G2N-0300-0003-CR | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ● | ○ | ○ | ● | ○ | ○ | ● | G | 3.00 | 0.30 | 0.30 | 7.0 |
| | C2I-H2N-0400-0003-CR | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ● | ○ | ○ | ● | ○ | ○ | ● | H | 4.00 | 0.30 | 0.30 | 7.0 |
| | C2I-J2N-0500-0004-CR | ● | ○ | ○ | ○ | ○ | | ○ | ○ | ● | ○ | ○ | ○ | ● | | ○ | ● | ○ | | ● | J | 5.00 | 0.40 | 0.40 | 7.0 |
| | C2I-K2N-0600-0004-CR | ● | ○ | ○ | ○ | ○ | | ○ | ○ | ● | ○ | ○ | ○ | ● | | ○ | ● | ○ | | ● | K | 6.00 | 0.40 | 0.40 | 7.0 |

● = First choice ○ = Good choice

# CoroCut® 2, insert for grooving

Neutral version





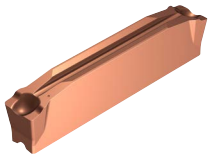

Metric (mm)

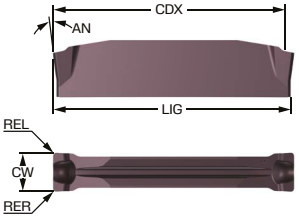
| | | | P | | S | | K | | M | | N | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1225 | 1205 | 1225 | 1225 | 1205 | 1225 | 1205 | 1225 | SSC | CW [mm] | REL [mm] | RER [mm] | APMX [mm] | AN [deg] |
| Finishing | | C2I-D2N-0150-0001-GF | | ● | | | ○ | | ● | | D | 1.50 | 0.10 | 0.10 | 1.0 | 5.0 |
| | | C2I-E2N-0185-0001-GF | | ● | | | ○ | | ● | | E | 1.85 | 0.10 | 0.10 | 1.0 | 7.0 |
| | | C2I-E2N-0200-0002-GF | | ● | | | ○ | | ● | | E | 2.00 | 0.20 | 0.20 | 1.0 | 7.0 |
| | | C2I-E2N-0200-0004-GF | | ● | | | ○ | | ● | | E | 2.00 | 0.40 | 0.40 | 1.0 | 7.0 |
| | | C2I-E2N-0224-0002-GF | | ● | | | ○ | | ● | | E | 2.24 | 0.20 | 0.20 | 1.0 | 7.0 |
| | | C2I-F2N-0239-0002-GF | | ● | | | ○ | | ● | | F | 2.39 | 0.20 | 0.20 | 1.0 | 7.0 |
| | | C2I-F2N-0239-0004-GF | | ● | | | ○ | | ● | | F | 2.39 | 0.40 | 0.40 | 1.0 | 7.0 |
| | | C2I-F2N-0246-0003-GF | | ● | | | ○ | | ● | | F | 2.46 | 0.30 | 0.30 | 1.0 | 7.0 |
| | | C2I-F2N-0279-0003-GF | | ● | | | ○ | | ● | | F | 2.79 | 0.30 | 0.30 | 1.0 | 7.0 |
| | | C2I-G2N-0300-0002-GF | | ● | | | ○ | | ● | | G | 3.00 | 0.20 | 0.20 | 1.5 | 7.0 |
| | | C2I-G2N-0300-0004-GF | | ● | | | ○ | | ● | | G | 3.00 | 0.40 | 0.40 | 1.5 | 7.0 |
| | | C2I-G2N-0300-0008-GF | ● | | ● | ● | | ● | | ● | G | 3.00 | 0.80 | 0.80 | 1.5 | 7.0 |
| | | C2I-G2N-0318-0002-GF | | ● | | | ○ | | ● | | G | 3.18 | 0.20 | 0.20 | 1.5 | 7.0 |
| | NEW | C2I-G2N-0318-0004-GF | | ● | | | ○ | | ● | | G | 3.18 | 0.40 | 0.40 | 1.5 | 7.0 |
| | | C2I-G2N-0318-0008-GF | | ● | | | ○ | | ● | | G | 3.18 | 0.80 | 0.80 | 1.5 | 7.0 |
| | | C2I-G2N-0361-0003-GF | | ● | | | ○ | | ● | | G | 3.61 | 0.30 | 0.30 | 1.5 | 7.0 |
| | | C2I-H2N-0396-0002-GF | | ● | | | ○ | | ● | | H | 3.96 | 0.20 | 0.20 | 3.0 | 7.0 |
| | | C2I-H2N-0396-0008-GF | | ● | | | ○ | | ● | | H | 3.96 | 0.80 | 0.80 | 3.0 | 7.0 |
| | | C2I-H2N-0400-0002-GF | | ● | | | ○ | | ● | | H | 4.00 | 0.20 | 0.20 | 3.0 | 7.0 |
| | | C2I-H2N-0400-0004-GF | | ● | | | ○ | | ● | | H | 4.00 | 0.40 | 0.40 | 3.0 | 7.0 |
| | NEW | C2I-H2N-0470-0005-GF | | ● | | | ○ | | ● | | H | 4.70 | 0.50 | 0.50 | 3.3 | 7.0 |
| | NEW | C2I-H2N-0476-0008-GF | | ● | | | ○ | | ● | | H | 4.76 | 0.80 | 0.80 | 3.3 | 7.0 |
| | | C2I-H2N-0500-0002-GF | | ● | | | ○ | | ● | | H | 5.00 | 0.20 | 0.20 | 3.3 | 7.0 |
| | | C2I-H2N-0500-0004-GF | | ● | | | ○ | | ● | | H | 5.00 | 0.40 | 0.40 | 3.3 | 7.0 |
| | | C2I-J2N-0556-0005-GF | | ● | | | ○ | | ● | | J | 5.56 | 0.50 | 0.50 | 3.3 | 7.0 |
| | | C2I-K2N-0600-0002-GF | | ● | | | ○ | | ● | | K | 6.00 | 0.20 | 0.20 | 3.5 | 7.0 |
| | NEW | C2I-K2N-0635-0004-GF | | ● | | | ○ | | ● | | K | 6.35 | 0.40 | 0.40 | 3.5 | 7.0 |
| | NEW | C2I-K2N-0635-0008-GF | | ● | | | ○ | | ● | | K | 6.35 | 0.80 | 0.80 | 3.5 | 7.0 |

● = First choice ○ = Good choice

# CoroCut® 2, insert for grooving

Neutral version





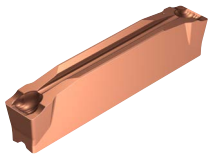

Metric (mm)

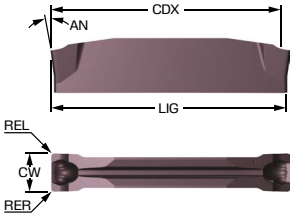
| | | P | | | | S | | K | | | | M | | N | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **1225** | **1135** | **3115** | **4425** | **1225** | **1135** | **1225** | **1135** | **3115** | **4425** | **1225** | **1135** | **1225** | **SSC** | **CW [mm]** | **REL [mm]** | **RER [mm]** | **AN [deg]** |
| **Medium** | C2I-E2N-0200-0003-GL | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ● | E | 2.00 | 0.30 | 0.30 | 7.0 |
| | C2I-F2N-0250-0003-GL | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ● | F | 2.50 | 0.30 | 0.30 | 7.0 |
| | C2I-G2N-0300-0003-GL | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ● | G | 3.00 | 0.30 | 0.30 | 7.0 |
| | C2I-H2N-0400-0003-GL | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ● | H | 4.00 | 0.30 | 0.30 | 7.0 |
| | C2I-J2N-0500-0004-GL | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ● | J | 5.00 | 0.40 | 0.40 | 7.0 |
| | C2I-K2N-0600-0004-GL | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ● | K | 6.00 | 0.40 | 0.40 | 7.0 |

● = First choice ○ = Good choice

# CoroCut® 2, insert for grooving

Neutral version





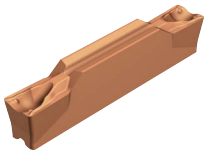

Metric (mm)

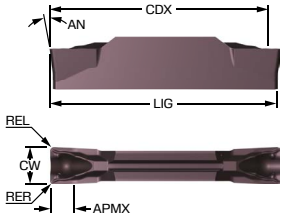
| | | P | | | | | S | | | | K | | | | | M | | | | | N | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **1225** | **1135** | **3115** | **1145** | **4425** | **1225** | **1135** | **1145** | **H13A** | **1225** | **1135** | **3115** | **H13A** | **4425** | **1225** | **1135** | **1145** | **H13A** | **1225** | **H13A** | **SSC** | **CW [mm]** | **REL [mm]** | **RER [mm]** | **AN [deg]** |
| **Medium** | C2I-E2N-0200-0002-GM | ● | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | E | 2.00 | 0.20 | 0.20 | 7.0 |
| | C2I-E2N-0239-0002-GM | ● | ○ | ○ | | ○ | ● | ○ | | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ | | ○ | ○ | ● | E | 2.39 | 0.20 | 0.20 | 7.0 |
| | C2I-G2N-0300-0003-GM | ● | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | G | 3.00 | 0.30 | 0.30 | 7.0 |
| | C2I-G2N-0318-0003-GM | ● | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | G | 3.18 | 0.30 | 0.30 | 7.0 |
| | C2I-H2N-0400-0003-GM | ● | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | H | 4.00 | 0.30 | 0.30 | 7.0 |
| | C2I-J2N-0476-0003-GM | ● | ○ | ○ | | ○ | ● | ○ | | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ | | ○ | ○ | ● | J | 4.76 | 0.30 | 0.30 | 7.0 |
| | C2I-J2N-0500-0004-GM | ● | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | J | 5.00 | 0.40 | 0.40 | 7.0 |
| | C2I-K2N-0600-0004-GM | ● | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | K | 6.00 | 0.40 | 0.40 | 7.0 |
| | C2I-K2N-0635-0003-GM | ● | ○ | ○ | | ○ | ● | ○ | | | ○ | ○ | ○ | | ● | ● | ○ | | | ● | | K | 6.35 | 0.30 | 0.30 | 7.0 |
| | C2I-L2N-0792-0003-GM | ● | | | | ○ | ● | | | | ○ | | | | ● | ● | | | | ● | | L | 7.92 | 0.30 | 0.30 | 7.0 |
| | C2I-L2N-0800-0005-GM | ● | ○ | ○ | | ○ | ● | ○ | | ○ | ○ | ○ | ○ | ○ | ● | ● | ○ | | ○ | ○ | ● | L | 8.00 | 0.50 | 0.50 | 7.0 |

● = First choice ○ = Good choice

# CoroCut® 2, insert for turning

Neutral version





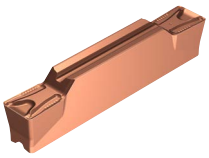

Metric (mm)

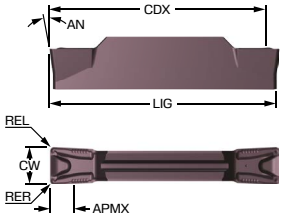
| | | S | M | N | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **1205** | **1205** | **1205** | **SSC** | **CW [mm]** | **REL [mm]** | **RER [mm]** | **APMX [mm]** | **AN [deg]** |
| **Finishing** | C2I-G2N-0300-0003-TF | ● | ○ | ● | G | 3.00 | 0.30 | 0.30 | 1.8 | 7.0 |
| | C2I-H2N-0400-0004-TF | ● | ○ | ● | H | 4.00 | 0.40 | 0.40 | 2.2 | 7.0 |
| | C2I-J2N-0500-0004-TF | ● | ○ | ● | J | 5.00 | 0.40 | 0.40 | 2.7 | 7.0 |
| | C2I-K2N-0600-0004-TF | ● | ○ | ● | K | 6.00 | 0.40 | 0.40 | 3.4 | 7.0 |
| | C2I-L2N-0800-0008-TF | ● | ○ | ● | L | 8.00 | 0.80 | 0.80 | 4.0 | 7.0 |

● = First choice ○ = Good choice

# CoroCut® 2, insert for turning

Neutral version





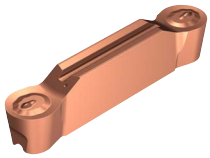

Metric (mm)

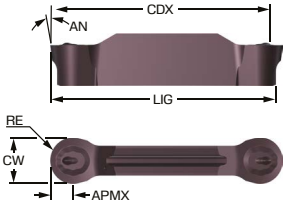
| | | P | | | | | | S | | | | | K | | | | | M | | | | | | N | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **1225** | **1135** | **3115** | **1145** | **5015** | **4425** | **1205** | **1225** | **1135** | **1145** | **H13A** | **1225** | **1135** | **3115** | **H13A** | **4425** | **1205** | **1225** | **1135** | **1145** | **H13A** | **5015** | **1205** | **1225** | **H13A** | **SSC** | **CW [mm]** | **REL [mm]** | **RER [mm]** |
| **Medium** | C2I-G2N-0300-0004-TM | ● | ○ | ○ | ○ | | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ● | ○ | ○ | ○ | | ○ | ○ | ● | G | 3.00 | 0.40 | 0.40 |
| | C2I-H2N-0400-0004-TM | ● | ○ | ○ | ○ | | ○ | | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | | ● | ○ | ○ | ○ | | | ○ | ● | H | 4.00 | 0.40 | 0.40 |
| | C2I-H2N-0400-0008-TM | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ● | H | 4.00 | 0.80 | 0.80 |
| | C2I-J2N-0500-0004-TM | ● | ○ | ○ | ○ | | ○ | | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | | ● | ○ | ○ | ○ | | | ○ | ● | J | 5.00 | 0.40 | 0.40 |
| | C2I-J2N-0500-0008-TM | ● | ○ | ○ | ○ | | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ● | ○ | ○ | ○ | | ○ | ○ | ● | J | 5.00 | 0.80 | 0.80 |
| | C2I-K2N-0600-0004-TM | ● | ○ | ○ | | | ○ | | ● | ○ | | ○ | ○ | ○ | ○ | ○ | ● | | ● | ○ | | ○ | | | ○ | ● | K | 6.00 | 0.40 | 0.40 |
| | C2I-K2N-0600-0008-TM | ● | ○ | ○ | ○ | | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ● | ○ | ○ | ○ | | ○ | ○ | ● | K | 6.00 | 0.80 | 0.80 |
| | C2I-L2N-0800-0008-TM | ● | ○ | ○ | ○ | | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ● | ○ | ○ | ○ | | ○ | ○ | ● | L | 8.00 | 0.80 | 0.80 |
| | C2I-L2N-0800-0012-TM | ● | ○ | ○ | | | ○ | | ● | ○ | | ○ | ○ | ○ | ○ | ○ | ● | | ● | ○ | | ○ | | | ○ | ● | L | 8.00 | 1.20 | 1.20 |

● = First choice ○ = Good choice

# CoroCut® 2, insert for profiling

Neutral version





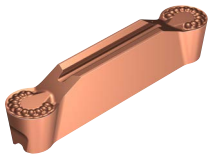

Metric (mm)

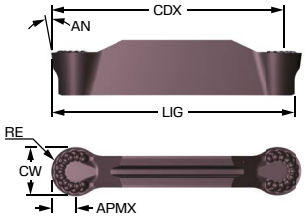
| | | | P | | S | | | | | K | | | M | | | | N | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1225 | 1135 | 1205 | S205 | 1225 | 1135 | H13A | 1225 | 1135 | H13A | 1205 | 1225 | 1135 | H13A | 1205 | 1225 | H13A | SSC | CW [mm] | RE [mm] | APMX [mm] | AN [deg] |
| Finishing | NEW | C2I-E2N-0200-RO | ● | | ● | | ○ | | ○ | ● | | ○ | ○ | ● | | ○ | ○ | ○ | ● | E | 2.00 | 1.0 | 0.8 | 7.0 |
| | NEW | C2I-E2N-0239-RO | ● | | ● | | ○ | | | ● | | | ○ | ● | | | ● | ○ | | E | 2.39 | 1.2 | 1.0 | 7.0 |
| | NEW | C2I-F2N-0300-RO | ● | ○ | ● | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ● | F | 3.00 | 1.5 | 1.3 | 7.0 |
| | NEW | C2I-F2N-0318-RO | ● | | ● | ○ | ○ | | ○ | ● | | ○ | ○ | ● | | ○ | ○ | ○ | ● | F | 3.18 | 1.6 | 1.4 | 7.0 |
| | NEW | C2I-H2N-0396-RO | ● | | ● | ○ | ○ | | ○ | ● | | ○ | ○ | ● | | ○ | ○ | ○ | ● | H | 3.96 | 2.0 | 1.8 | 7.0 |
| | NEW | C2I-H2N-0400-RO | ● | ○ | ● | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ● | H | 4.00 | 2.0 | 1.8 | 7.0 |
| | NEW | C2I-H2N-0450-RO | ● | | | | ● | | ○ | ● | | ○ | | ● | | ○ | | ○ | ● | H | 4.50 | 2.3 | 2.0 | 7.0 |
| | NEW | C2I-H2N-0476-RO | ● | | ● | ○ | ○ | | ○ | ● | | ○ | ○ | ● | | ○ | ○ | ○ | ● | H | 4.76 | 2.4 | 2.2 | 7.0 |
| | NEW | C2I-H2N-0500-RO | ● | ○ | ● | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ● | H | 5.00 | 2.5 | 2.3 | 7.0 |
| | NEW | C2I-J2N-0600-RO | ● | ○ | ● | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ● | J | 6.00 | 3.0 | 2.8 | 7.0 |
| | NEW | C2I-J2N-0635-RO | ● | | ● | ○ | ○ | | ○ | ● | | ○ | ○ | ● | | ○ | ○ | ○ | ● | J | 6.35 | 3.2 | 3.0 | 7.0 |
| | NEW | C2I-K2N-0714-RO | ● | | ● | | ○ | | | ● | | | ○ | ● | | | ● | ○ | | K | 7.14 | 3.6 | 3.4 | 7.0 |
| | NEW | C2I-L2N-0800-RO | ● | ○ | ● | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ● | L | 8.00 | 4.0 | 3.8 | 7.0 |

● = First choice ○ = Good choice

# CoroCut® 2, insert for profiling

Neutral version





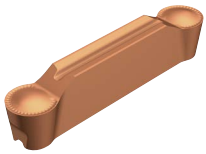

Metric (mm)

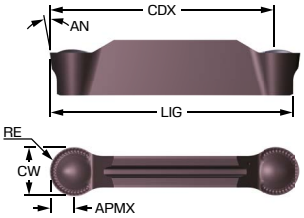
| | | P | | | | S | | | | | K | | | | M | | | | | N | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **1225** | **1135** | **5015** | **4425** | **1205** | **S205** | **1225** | **1135** | **H13A** | **1225** | **1135** | **H13A** | **4425** | **1205** | **1225** | **1135** | **H13A** | **5015** | **1205** | **1225** | **H13A** | **SSC** | **CW [mm]** | **RE [mm]** | **APMX [mm]** | **AN [deg]** |
| Finishing | C2I-G2N-0400-RF | ● | | | ○ | | ○ | ● | | | ○ | | | ● | | ● | | | | | ● | | G | 4.00 | 2.0 | 1.8 | 7.0 |
| | C2I-H2N-0400-RF | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ● | ○ | ○ | ○ | ○ | ○ | ● | H | 4.00 | 2.0 | 1.8 | 7.0 |
| | C2I-H2N-0476-RF | ● | | | ○ | ● | ○ | ○ | | ○ | ○ | | ○ | ● | ○ | ● | | ○ | | ○ | ○ | ● | H | 4.76 | 2.4 | 2.2 | 7.0 |
| | C2I-H2N-0500-RF | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ● | ○ | ○ | ○ | ○ | ○ | ● | H | 5.00 | 2.5 | 2.3 | 7.0 |
| | C2I-J2N-0600-RF | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ● | ○ | ○ | ○ | ○ | ○ | ● | J | 6.00 | 3.0 | 2.8 | 7.0 |
| | C2I-J2N-0635-RF | ● | | | ○ | | ○ | ● | | ○ | ○ | | ○ | ● | | ● | | ○ | | | ○ | ● | J | 6.35 | 3.2 | 3.0 | 7.0 |
| | C2I-L2N-0800-RF | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ● | ○ | ○ | ○ | ○ | ○ | ● | L | 8.00 | 4.0 | 3.8 | 7.0 |

● = First choice ○ = Good choice

# CoroCut® 2, insert for profiling

Neutral version





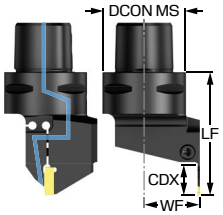

Metric (mm)

| | | S | M | N | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **1205** | **1205** | **1205** | **SSC** | **CW [mm]** | **RE [mm]** | **APMX [mm]** | **AN [deg]** |
| **Medium** | C2I-F2N-0300-RM | ● | ○ | ● | F | 3.00 | 1.5 | 1.3 | 7.0 |
| | C2I-G2N-0400-RM | ● | ○ | ● | G | 4.00 | 2.0 | 1.8 | 7.0 |
| | C2I-H2N-0400-RM | ● | ○ | ● | H | 4.00 | 2.0 | 1.8 | 7.0 |
| | C2I-H2N-0500-RM | ● | ○ | ● | H | 5.00 | 2.5 | 2.3 | 7.0 |
| | C2I-J2N-0600-RM | ● | ○ | ● | J | 6.00 | 3.0 | 2.8 | 7.0 |
| | C2I-L2N-0800-RM | ● | ○ | ● | L | 8.00 | 4.0 | 3.8 | 7.0 |

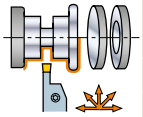
● = First choice ○ = Good choice

# CoroCut® 2, cutting unit for parting and grooving

Screw clamp design



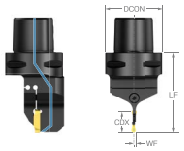

Metric (mm)

| | Ordering code | SSC | CDX [mm] | OHX [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | CP [bar] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|
|  | C2R-CC3-LD08GB | D | 8.0 | 50.0 | 32.00 | 50.00 | 22.00 | 150 | 3.5 |
| | C2R-CC3-LD15GB | D | 15.0 | 55.0 | 32.00 | 55.00 | 22.00 | 150 | 4.0 |
| | C2R-CC3-RD08GB | D | 8.0 | 50.0 | 32.00 | 50.00 | 22.00 | 150 | 3.5 |
| | C2R-CC3-RD15GB | D | 15.0 | 55.0 | 32.00 | 55.00 | 22.00 | 150 | 4.0 |
| | C2R-CC4-LD08GB | D | 8.0 | 55.0 | 40.00 | 55.00 | 27.00 | 150 | 3.5 |
| | C2R-CC4-LD15GB | D | 15.0 | 60.0 | 40.00 | 60.00 | 27.00 | 150 | 4.0 |
| | C2R-CC4-RD08GB | D | 8.0 | 55.0 | 40.00 | 55.00 | 27.00 | 150 | 3.5 |
| | C2R-CC4-RD15GB | D | 15.0 | 60.0 | 40.00 | 60.00 | 27.00 | 150 | 4.0 |
| | C2R-CC5-LD08GB | D | 8.0 | 55.0 | 50.00 | 55.00 | 35.00 | 150 | 3.5 |
| | C2R-CC5-LD15GB | D | 15.0 | 60.0 | 50.00 | 60.00 | 35.00 | 150 | 4.0 |
| | C2R-CC5-RD08GB | D | 8.0 | 55.0 | 50.00 | 55.00 | 35.00 | 150 | 3.5 |
| | C2R-CC5-RD15GB | D | 15.0 | 60.0 | 50.00 | 60.00 | 35.00 | 150 | 4.0 |

R = Right hand, L = Left hand

# CoroCut® 2, cutting unit for profiling

Screw clamp design



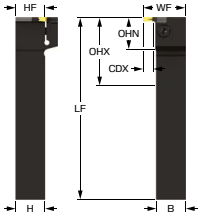

Metric (mm)

| Ordering code | SSC | CDX [mm] | RMPX [deg] | OHX [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | CP [bar] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|
| C2T-CC3-NG20BB | G | 20.0 | 90.00 | 60.0 | 32.00 | 60.00 | 2.00 | 150 | 4.5 |
| C2T-CC4-NG20BB | G | 20.0 | 90.00 | 70.0 | 40.00 | 70.00 | 2.00 | 150 | 4.5 |
| C2T-CC4-NJ25BB | J | 25.0 | 90.00 | 77.0 | 40.00 | 77.00 | 3.00 | 150 | 5.5 |
| C2T-CC5-NG20BB | G | 20.0 | 90.00 | 70.0 | 50.00 | 70.00 | 2.00 | 150 | 4.5 |
| C2T-CC5-NJ25BB | J | 25.0 | 90.00 | 77.0 | 50.00 | 77.00 | 3.00 | 150 | 5.5 |
| C2T-CC6-NG20BB | G | 20.0 | 90.00 | 75.0 | 63.00 | 75.00 | 2.00 | 150 | 4.5 |
| C2T-CC6-NJ25BB | J | 25.0 | 90.00 | 82.0 | 63.00 | 82.00 | 3.00 | 150 | 5.5 |

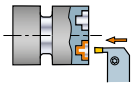
SSC = To correspond with SSC on insert

# CoroCut® 2, shank tool for shallow grooving

Screw clamp design

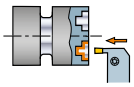



Metric (mm)

| | Ordering code | SSC | CDX [mm] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | LF [mm] | WF [mm] | HF [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2A-RS20-RGK08B-DC | K | 8.0 | 49.6 | 29.6 | 20.00 | 20.00 | 125.00 | 30.00 | 20.0 | 4.5 |
| | C2A-RS25-RGK08B-DC | K | 8.0 | 54.6 | 29.6 | 25.00 | 25.00 | 150.00 | 35.00 | 25.0 | 4.5 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

R = Right hand, L = Left hand

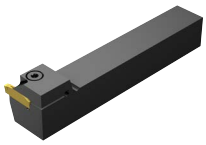
Imperial (inch)

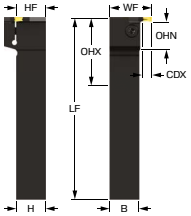
| | Ordering code | SSC | CDX [inch] | OHX [inch] | OHN [inch] | B [inch] | H [inch] | LF [inch] | WF [inch] | HF [inch] | TQ [ft] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2A-RSA12-RGK08B-DC | K | 0.315 | 1.915 | 1.165 | 0.750 | 0.750 | 5.000 | 1.144 | 0.750 | 3.3 |
| | C2A-RSA16-RGK08B-DC | K | 0.315 | 2.165 | 1.165 | 1.000 | 1.000 | 6.000 | 1.394 | 1.000 | 3.3 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

R = Right hand, L = Left hand

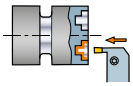
# CoroCut® 2, shank tool for shallow grooving

Screw clamp design



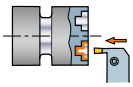



Metric (mm)

| | Ordering code | SSC | CDX [mm] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | LF [mm] | WF [mm] | HF [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2A-RS20-LGK08B-DC | K | 8.0 | 49.6 | 29.6 | 20.00 | 20.00 | 125.00 | 30.00 | 20.0 | 4.5 |
| | C2A-RS25-LGK08B-DC | K | 8.0 | 54.6 | 29.6 | 25.00 | 25.00 | 150.00 | 35.00 | 25.0 | 4.5 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

R = Right hand, L = Left hand

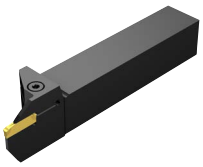
Imperial (inch)

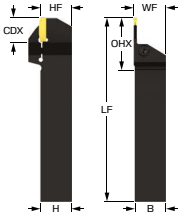
| | Ordering code | SSC | CDX [inch] | OHX [inch] | OHN [inch] | B [inch] | H [inch] | LF [inch] | WF [inch] | HF [inch] | TQ [ft] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2A-RSA12-LGK08B-DC | K | 0.315 | 1.915 | 1.165 | 0.750 | 0.750 | 5.000 | 1.144 | 0.750 | 3.3 |
| | C2A-RSA16-LGK08B-DC | K | 0.315 | 2.165 | 1.165 | 1.000 | 1.000 | 6.000 | 1.394 | 1.000 | 3.3 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

R = Right hand, L = Left hand

# CoroCut® 2, shank tool for parting and grooving

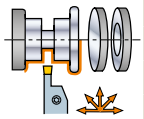
Screw clamp design






Metric (mm)

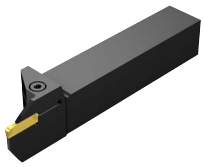
| | Ordering code | SSC | CDX [mm] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | LF [mm] | WF [mm] | HF [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | C2R-RS12-LD08DB | D | 8.0 | 38.8 | 26.8 | 12.00 | 12.00 | 125.00 | 13.00 | 12.0 | 3.5 |
| | C2R-RS12-RD08DB | D | 8.0 | 38.8 | 26.8 | 12.00 | 12.00 | 125.00 | 13.00 | 12.0 | 3.5 |
| | C2R-RS16-LD08DB | D | 8.0 | 42.8 | 26.8 | 16.00 | 16.00 | 125.00 | 17.00 | 16.0 | 3.5 |
| | C2R-RS16-LD15DB | D | 15.0 | 49.8 | 33.8 | 16.00 | 16.00 | 125.00 | 17.00 | 16.0 | 4.0 |
| | C2R-RS16-LH13DB | H | 13.0 | 51.7 | 35.7 | 16.00 | 16.00 | 125.00 | 17.00 | 16.0 | 4.5 |
| | C2R-RS16-LH25DB | H | 25.0 | 63.7 | 47.7 | 16.00 | 16.00 | 125.00 | 17.00 | 16.0 | 5.5 |
| | C2R-RS16-RD08DB | D | 8.0 | 42.8 | 26.8 | 16.00 | 16.00 | 125.00 | 17.00 | 16.0 | 3.5 |
| | C2R-RS16-RD15DB | D | 15.0 | 49.8 | 33.8 | 16.00 | 16.00 | 125.00 | 17.00 | 16.0 | 4.0 |
| | C2R-RS16-RH13DB | H | 13.0 | 51.7 | 35.7 | 16.00 | 16.00 | 125.00 | 17.00 | 16.0 | 4.5 |
| | C2R-RS16-RH25DB | H | 25.0 | 63.7 | 47.7 | 16.00 | 16.00 | 125.00 | 17.00 | 16.0 | 5.5 |
| | C2R-RS20-LD08DB | D | 8.0 | 46.8 | 26.8 | 20.00 | 20.00 | 125.00 | 21.00 | 20.0 | 3.5 |
| | C2R-RS20-LD15DB | D | 15.0 | 53.8 | 33.8 | 20.00 | 20.00 | 125.00 | 21.00 | 20.0 | 4.0 |
| | C2R-RS20-LH13DB | H | 13.0 | 55.7 | 35.7 | 20.00 | 20.00 | 125.00 | 21.00 | 20.0 | 4.5 |
| | C2R-RS20-LH25DB | H | 25.0 | 67.7 | 47.7 | 20.00 | 20.00 | 125.00 | 21.00 | 20.0 | 5.5 |
| | C2R-RS20-LJ13DB | J | 13.0 | 55.7 | 35.7 | 20.00 | 20.00 | 125.00 | 21.00 | 20.0 | 4.5 |
| | C2R-RS20-RD08DB | D | 8.0 | 46.8 | 26.8 | 20.00 | 20.00 | 125.00 | 21.00 | 20.0 | 3.5 |
| | C2R-RS20-RD15DB | D | 15.0 | 53.8 | 33.8 | 20.00 | 20.00 | 125.00 | 21.00 | 20.0 | 4.0 |
| | C2R-RS20-RH13DB | H | 13.0 | 55.7 | 35.7 | 20.00 | 20.00 | 125.00 | 21.00 | 20.0 | 4.5 |
| | C2R-RS20-RH25DB | H | 25.0 | 67.7 | 47.7 | 20.00 | 20.00 | 125.00 | 21.00 | 20.0 | 5.5 |
| | C2R-RS20-RJ13DB | J | 13.0 | 55.7 | 35.7 | 20.00 | 20.00 | 125.00 | 21.00 | 20.0 | 4.5 |
| | C2R-RS25-LD08DB | D | 8.0 | 51.8 | 26.8 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 3.5 |
| | C2R-RS25-LD15DB | D | 15.0 | 58.8 | 33.8 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 4.0 |
| | C2R-RS25-LH13DB | H | 13.0 | 60.7 | 35.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 4.5 |
| | C2R-RS25-LH25DB | H | 25.0 | 72.7 | 47.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 5.5 |
| | C2R-RS25-LJ13DB | J | 13.0 | 60.7 | 35.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 4.5 |
| | C2R-RS25-LJ22DB | J | 22.0 | 69.7 | 44.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 4.5 |

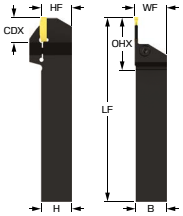


R = Right hand, L = Left hand

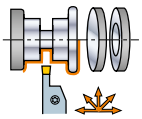
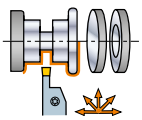
# CoroCut® 2, shank tool for parting and grooving

Screw clamp design





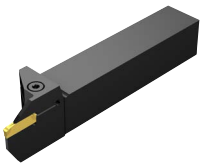

Metric (mm)

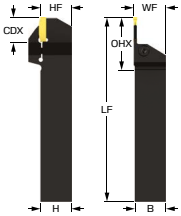
| | Ordering code | SSC | CDX [mm] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | LF [mm] | WF [mm] | HF [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | C2R-RS25-LJ32DB | J | 32.0 | 79.7 | 54.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 5.5 |
| | C2R-RS25-LK16DB | K | 16.0 | 63.7 | 38.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 4.5 |
| | C2R-RS25-LK32DB | K | 32.0 | 79.7 | 54.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 5.5 |
| | C2R-RS25-LL16DB | L | 16.0 | 63.3 | 38.3 | 25.00 | 25.00 | 150.00 | 26.50 | 25.0 | 6.5 |
| | C2R-RS25-LL25DB | L | 25.0 | 72.3 | 47.3 | 25.00 | 25.00 | 150.00 | 26.50 | 25.0 | 6.5 |
| | C2R-RS25-RD08DB | D | 8.0 | 51.8 | 26.8 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 3.5 |
| | C2R-RS25-RD15DB | D | 15.0 | 58.8 | 33.8 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 4.0 |
| | C2R-RS25-RH13DB | H | 13.0 | 60.7 | 35.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 4.5 |
| | C2R-RS25-RH25DB | H | 25.0 | 72.7 | 47.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 5.5 |
| | C2R-RS25-RJ13DB | J | 13.0 | 60.7 | 35.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 4.5 |
| | C2R-RS25-RJ22DB | J | 22.0 | 69.7 | 44.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 4.5 |
|  | C2R-RS25-RJ32DB | J | 32.0 | 79.7 | 54.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 5.5 |
| | C2R-RS25-RK16DB | K | 16.0 | 63.7 | 38.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 4.5 |
| | C2R-RS25-RK32DB | K | 32.0 | 79.7 | 54.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 5.5 |
| | C2R-RS25-RL16DB | L | 16.0 | 63.3 | 38.3 | 25.00 | 25.00 | 150.00 | 26.50 | 25.0 | 6.5 |
| | C2R-RS25-RL25DB | L | 25.0 | 72.3 | 47.3 | 25.00 | 25.00 | 150.00 | 26.50 | 25.0 | 6.5 |
| | C2R-RS32-LH13DB | H | 13.0 | 67.7 | 35.7 | 32.00 | 32.00 | 170.00 | 33.00 | 32.0 | 4.5 |
| | C2R-RS32-LH25DB | H | 25.0 | 79.7 | 47.7 | 32.00 | 32.00 | 170.00 | 33.00 | 32.0 | 5.5 |
| | C2R-RS32-LJ13DB | J | 13.0 | 67.7 | 35.7 | 32.00 | 32.00 | 170.00 | 33.00 | 32.0 | 4.5 |
| | C2R-RS32-LJ32DB | J | 32.0 | 86.7 | 54.7 | 32.00 | 32.00 | 170.00 | 33.00 | 32.0 | 5.5 |
| | C2R-RS32-LK16DB | K | 16.0 | 70.7 | 38.7 | 32.00 | 32.00 | 170.00 | 33.00 | 32.0 | 4.5 |
| | C2R-RS32-LK32DB | K | 32.0 | 86.7 | 54.7 | 32.00 | 32.00 | 170.00 | 33.00 | 32.0 | 5.5 |
| | C2R-RS32-LL32DB | L | 32.0 | 86.3 | 54.3 | 32.00 | 32.00 | 170.00 | 33.50 | 32.0 | 6.5 |
| | C2R-RS32-RH13DB | H | 13.0 | 67.7 | 35.7 | 32.00 | 32.00 | 170.00 | 33.00 | 32.0 | 4.5 |
| | C2R-RS32-RH25DB | H | 25.0 | 79.7 | 47.7 | 32.00 | 32.00 | 170.00 | 33.00 | 32.0 | 5.5 |
| | C2R-RS32-RJ13DB | J | 13.0 | 67.7 | 35.7 | 32.00 | 32.00 | 170.00 | 33.00 | 32.0 | 4.5 |
|  | C2R-RS32-RJ32DB | J | 32.0 | 86.7 | 54.7 | 32.00 | 32.00 | 170.00 | 33.00 | 32.0 | 5.5 |
| | C2R-RS32-RK16DB | K | 16.0 | 70.7 | 38.7 | 32.00 | 32.00 | 170.00 | 33.00 | 32.0 | 4.5 |
| | C2R-RS32-RK32DB | K | 32.0 | 86.7 | 54.7 | 32.00 | 32.00 | 170.00 | 33.00 | 32.0 | 5.5 |
| | C2R-RS32-RL32DB | L | 32.0 | 86.3 | 54.3 | 32.00 | 32.00 | 170.00 | 33.50 | 32.0 | 6.5 |

R = Right hand, L = Left hand

# CoroCut® 2, shank tool for parting and grooving

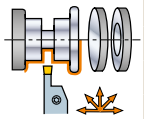
Screw clamp design






Imperial (inch)

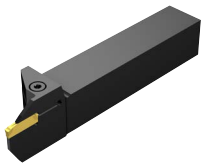
| Ordering code | SSC | CDX [inch] | OHX [inch] | OHN [inch] | B [inch] | H [inch] | LF [inch] | WF [inch] | HF [inch] | TQ [ft] |
|---|---|---|---|---|---|---|---|---|---|---|
| C2R-RSA08-LD08DB | D | 0.320 | 1.560 | 1.060 | 0.500 | 0.500 | 4.500 | 0.512 | 0.500 | 2.6 |
| C2R-RSA08-RD08DB | D | 0.320 | 1.560 | 1.060 | 0.500 | 0.500 | 4.500 | 0.512 | 0.500 | 2.6 |
| C2R-RSA10-LH13DB | H | 0.512 | 2.031 | 1.406 | 0.625 | 0.625 | 5.000 | 0.669 | 0.625 | 3.3 |
| C2R-RSA10-RD08DB | D | 0.320 | 1.685 | 1.060 | 0.625 | 0.625 | 5.000 | 0.670 | 0.625 | 2.6 |
| C2R-RSA10-RD15DB | D | 0.590 | 1.955 | 1.330 | 0.625 | 0.625 | 5.000 | 0.670 | 0.625 | 3.0 |
| C2R-RSA10-RH13DB | H | 0.512 | 2.031 | 1.406 | 0.625 | 0.625 | 5.000 | 0.669 | 0.625 | 3.3 |
| C2R-RSA12-LD08DB | D | 0.320 | 1.810 | 1.060 | 0.750 | 0.750 | 5.000 | 0.825 | 0.750 | 2.6 |
| C2R-RSA12-LD15DB | D | 0.590 | 2.080 | 1.330 | 0.750 | 0.750 | 5.000 | 0.827 | 0.750 | 3.0 |
| C2R-RSA12-LH13DB | H | 0.512 | 2.156 | 1.406 | 0.750 | 0.750 | 5.000 | 0.827 | 0.750 | 3.3 |
| C2R-RSA12-LH25DB | H | 0.980 | 2.624 | 1.874 | 0.750 | 0.750 | 5.000 | 0.827 | 0.750 | 4.1 |
| C2R-RSA12-RD08DB | D | 0.320 | 1.810 | 1.060 | 0.750 | 0.750 | 5.000 | 0.825 | 0.750 | 2.6 |
| C2R-RSA12-RD15DB | D | 0.590 | 2.080 | 1.330 | 0.750 | 0.750 | 5.000 | 0.827 | 0.750 | 3.0 |
| C2R-RSA12-RH13DB | H | 0.512 | 2.156 | 1.406 | 0.750 | 0.750 | 5.000 | 0.827 | 0.750 | 3.3 |
| C2R-RSA12-RH25DB | H | 0.980 | 2.624 | 1.874 | 0.750 | 0.750 | 5.000 | 0.827 | 0.750 | 4.1 |
| C2R-RSA16-LD08DB | D | 0.320 | 2.060 | 1.060 | 1.000 | 1.000 | 5.000 | 1.028 | 1.000 | 2.6 |
| C2R-RSA16-LD15DB | D | 0.590 | 2.330 | 1.330 | 1.000 | 1.000 | 6.000 | 1.028 | 1.000 | 3.0 |
| C2R-RSA16-LH13DB | H | 0.512 | 2.406 | 1.406 | 1.000 | 1.000 | 5.000 | 1.024 | 1.000 | 3.3 |
| C2R-RSA16-LH25DB | H | 0.980 | 2.874 | 1.874 | 1.000 | 1.000 | 6.000 | 1.024 | 1.000 | 4.1 |
| C2R-RSA16-LJ13DB | J | 0.512 | 2.406 | 1.406 | 1.000 | 1.000 | 5.000 | 1.024 | 1.000 | 3.3 |
| C2R-RSA16-LJ32DB | J | 1.260 | 3.154 | 2.154 | 1.000 | 1.000 | 6.000 | 1.024 | 1.000 | 4.1 |
| C2R-RSA16-LK16DB | K | 0.630 | 2.524 | 1.524 | 1.000 | 1.000 | 5.000 | 1.024 | 1.000 | 3.3 |
| C2R-RSA16-LK32DB | K | 1.260 | 3.154 | 2.154 | 1.000 | 1.000 | 6.000 | 1.024 | 1.000 | 4.1 |
| C2R-RSA16-LL16DB | L | 0.630 | 2.509 | 1.509 | 1.000 | 1.000 | 6.000 | 1.033 | 1.000 | 4.8 |
| C2R-RSA16-LL25DB | L | 1.000 | 2.879 | 1.879 | 1.000 | 1.000 | 6.000 | 1.033 | 1.000 | 4.8 |
| C2R-RSA16-RD08DB | D | 0.320 | 2.060 | 1.060 | 1.000 | 1.000 | 5.000 | 1.028 | 1.000 | 2.6 |
| C2R-RSA16-RD15DB | D | 0.590 | 2.330 | 1.330 | 1.000 | 1.000 | 6.000 | 1.028 | 1.000 | 3.0 |

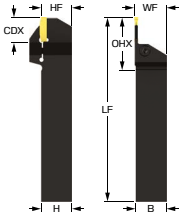


R = Right hand, L = Left hand

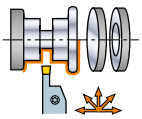
# CoroCut® 2, shank tool for parting and grooving

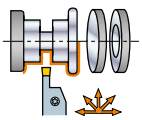
Screw clamp design






Imperial (inch)



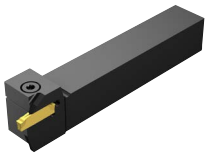


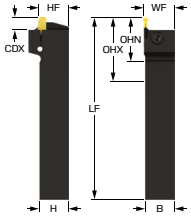
| Ordering code | SSC | CDX [inch] | OHX [inch] | OHN [inch] | B [inch] | H [inch] | LF [inch] | WF [inch] | HF [inch] | TQ [ft] |
|---|---|---|---|---|---|---|---|---|---|---|
| C2R-RSA16-RH13DB | H | 0.512 | 2.406 | 1.406 | 1.000 | 1.000 | 5.000 | 1.024 | 1.000 | 3.3 |
| C2R-RSA16-RH25DB | H | 0.980 | 2.874 | 1.874 | 1.000 | 1.000 | 6.000 | 1.024 | 1.000 | 4.1 |
| C2R-RSA16-RJ13DB | J | 0.512 | 2.406 | 1.406 | 1.000 | 1.000 | 5.000 | 1.024 | 1.000 | 3.3 |
| C2R-RSA16-RJ32DB | J | 1.260 | 3.154 | 2.154 | 1.000 | 1.000 | 6.000 | 1.024 | 1.000 | 4.1 |
| C2R-RSA16-RK16DB | K | 0.630 | 2.524 | 1.524 | 1.000 | 1.000 | 5.000 | 1.024 | 1.000 | 3.3 |
| C2R-RSA16-RK32DB | K | 1.260 | 3.154 | 2.154 | 1.000 | 1.000 | 6.000 | 1.024 | 1.000 | 4.1 |
| C2R-RSA16-RL16DB | L | 0.630 | 2.509 | 1.509 | 1.000 | 1.000 | 6.000 | 1.033 | 1.000 | 4.8 |
| C2R-RSA16-RL25DB | L | 1.000 | 2.879 | 1.879 | 1.000 | 1.000 | 6.000 | 1.033 | 1.000 | 4.8 |
| C2R-RSA20-LH13DB | H | 0.512 | 2.656 | 1.406 | 1.250 | 1.250 | 6.000 | 1.299 | 1.250 | 3.3 |
| C2R-RSA20-LH25DB | H | 0.980 | 3.124 | 1.874 | 1.250 | 1.250 | 6.000 | 1.299 | 1.250 | 4.1 |
| C2R-RSA20-LJ13DB | J | 0.512 | 2.656 | 1.406 | 1.250 | 1.250 | 6.000 | 1.299 | 1.250 | 3.3 |
| C2R-RSA20-LJ32DB | J | 1.260 | 3.404 | 2.154 | 1.250 | 1.250 | 6.000 | 1.299 | 1.250 | 4.1 |
| C2R-RSA20-LK16DB | K | 0.630 | 2.774 | 1.524 | 1.250 | 1.250 | 6.000 | 1.299 | 1.250 | 3.3 |
| C2R-RSA20-LK32DB | K | 1.260 | 3.404 | 2.154 | 1.250 | 1.250 | 6.000 | 1.299 | 1.250 | 4.1 |
| C2R-RSA20-LL25DB | L | 1.000 | 3.129 | 1.879 | 1.250 | 1.250 | 6.000 | 1.300 | 1.250 | 4.8 |
| C2R-RSA20-LL35DB | L | 1.380 | 3.509 | 2.259 | 1.250 | 1.250 | 7.000 | 1.300 | 1.250 | 4.8 |
| C2R-RSA20-RH13DB | H | 0.512 | 2.656 | 1.406 | 1.250 | 1.250 | 6.000 | 1.299 | 1.250 | 3.3 |
| C2R-RSA20-RH25DB | H | 0.980 | 3.124 | 1.874 | 1.250 | 1.250 | 6.000 | 1.299 | 1.250 | 4.1 |
| C2R-RSA20-RJ13DB | J | 0.512 | 2.656 | 1.406 | 1.250 | 1.250 | 6.000 | 1.299 | 1.250 | 3.3 |
| C2R-RSA20-RJ32DB | J | 1.260 | 3.404 | 2.154 | 1.250 | 1.250 | 6.000 | 1.299 | 1.250 | 4.1 |
| C2R-RSA20-RK16DB | K | 0.630 | 2.774 | 1.524 | 1.250 | 1.250 | 6.000 | 1.299 | 1.250 | 3.3 |
| C2R-RSA20-RK32DB | K | 1.260 | 3.404 | 2.154 | 1.250 | 1.250 | 6.000 | 1.299 | 1.250 | 4.1 |
| C2R-RSA20-RL25DB | L | 1.000 | 3.129 | 1.879 | 1.250 | 1.250 | 6.000 | 1.300 | 1.250 | 4.8 |
| C2R-RSA20-RL35DB | L | 1.380 | 3.509 | 2.259 | 1.250 | 1.250 | 7.000 | 1.300 | 1.250 | 4.8 |
| C2R-RSA24-LJ32DB | J | 1.260 | 3.654 | 2.154 | 1.500 | 1.500 | 8.000 | 1.614 | 1.500 | 4.1 |
| C2R-RSA24-LL35DB | L | 1.380 | 3.759 | 2.259 | 1.500 | 1.500 | 8.000 | 1.614 | 1.500 | 4.8 |
| C2R-RSA24-RJ32DB | J | 1.260 | 3.654 | 2.154 | 1.500 | 1.500 | 8.000 | 1.614 | 1.500 | 4.1 |
| C2R-RSA24-RL35DB | L | 1.380 | 3.759 | 2.259 | 1.500 | 1.500 | 8.000 | 1.614 | 1.500 | 4.8 |
| | | | | | | | | | | |
| | | | | | | | | | | |

R = Right hand, L = Left hand

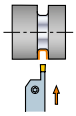
# CoroCut® 2, shank tool for parting and grooving

Screw clamp design



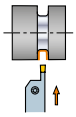



Metric (mm)

| | Ordering code | SSC | CDX [mm] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | LF [mm] | WF [mm] | HF [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2R-RS20-LK08DC | K | 8.0 | 50.7 | 30.7 | 20.00 | 20.00 | 125.00 | 21.00 | 20.0 | 4.5 |
| | C2R-RS20-RK08DC | K | 8.0 | 50.7 | 30.7 | 20.00 | 20.00 | 125.00 | 21.00 | 20.0 | 4.5 |
| | C2R-RS25-LK08DC | K | 8.0 | 55.7 | 30.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 4.5 |
| | C2R-RS25-RK08DC | K | 8.0 | 55.7 | 30.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 4.5 |

R = Right hand, L = Left hand

Imperial (inch)

| | Ordering code | SSC | CDX [inch] | OHX [inch] | OHN [inch] | B [inch] | H [inch] | LF [inch] | WF [inch] | HF [inch] | TQ [ft] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2R-RSA12-LK08DC | K | 0.320 | 1.964 | 1.214 | 0.750 | 0.750 | 5.000 | 0.787 | 0.750 | 3.3 |
| | C2R-RSA12-RK08DC | K | 0.320 | 1.964 | 1.214 | 0.750 | 0.750 | 5.000 | 0.787 | 0.750 | 3.3 |
| | C2R-RSA16-LK08DC | K | 0.320 | 2.214 | 1.214 | 1.000 | 1.000 | 6.000 | 1.024 | 1.000 | 3.3 |
| | C2R-RSA16-RK08DC | K | 0.320 | 2.214 | 1.214 | 1.000 | 1.000 | 6.000 | 1.024 | 1.000 | 3.3 |

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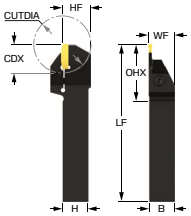
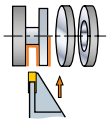
Screw clamp design

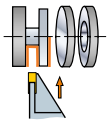



Metric (mm)

| | Ordering code | SSC | CDX [mm] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | LF [mm] | WF [mm] | HF [mm] | CUTDIA [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2R-RS20-LH22DD | H | 22.0 | 64.7 | 44.7 | 20.00 | 20.00 | 125.00 | 21.00 | 20.0 | 53 | 4.5 |
| | C2R-RS20-RH22DD | H | 22.0 | 64.7 | 44.7 | 20.00 | 20.00 | 125.00 | 21.00 | 20.0 | 53 | 4.5 |
| | C2R-RS25-LH22DD | H | 22.0 | 69.7 | 44.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 53 | 4.5 |
| | C2R-RS25-RH22DD | H | 22.0 | 69.7 | 44.7 | 25.00 | 25.00 | 150.00 | 26.00 | 25.0 | 53 | 4.5 |

R = Right hand, L = Left hand

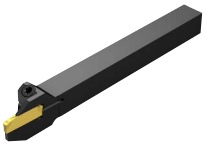
Imperial (inch)

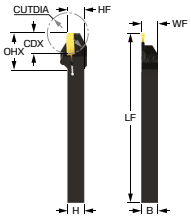
| | Ordering code | SSC | CDX [inch] | OHX [inch] | OHN [inch] | B [inch] | H [inch] | LF [inch] | WF [inch] | HF [inch] | CUTDIA [inch] | TQ [ft] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2R-RSA12-LH22DD | H | 0.870 | 2.514 | 1.764 | 0.750 | 0.750 | 5.000 | 0.774 | 0.750 | 2 | 3.3 |
| | C2R-RSA12-RH22DD | H | 0.870 | 2.514 | 1.764 | 0.750 | 0.750 | 5.000 | 0.774 | 0.750 | 2 | 3.3 |
| | C2R-RSA16-LH22DD | H | 0.870 | 2.764 | 1.764 | 1.000 | 1.000 | 5.000 | 1.024 | 1.000 | 2 | 3.3 |
| | C2R-RSA16-RH22DD | H | 0.870 | 2.764 | 1.764 | 1.000 | 1.000 | 5.000 | 1.024 | 1.000 | 2 | 3.3 |

R = Right hand, L = Left hand

# CoroCut® 2, shank tool for parting and grooving

Screw clamp design






Metric (mm)

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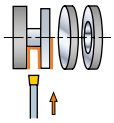
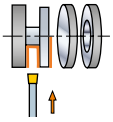
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2R-RS10-LD10DS | D | 10.0 | 33.2 | 23.2 | 10.00 | 10.00 | 125.00 | 10.00 | 10.1 | 20 | 2.5 |
| | C2R-RS10-RD10DS | D | 10.0 | 33.2 | 23.2 | 10.00 | 10.00 | 125.00 | 10.00 | 10.1 | 20 | 2.5 |
| | C2R-RS12-LD11DS | D | 11.0 | 36.2 | 24.2 | 12.00 | 12.00 | 125.00 | 12.00 | 12.1 | 22 | 2.5 |
| | C2R-RS12-RD11DS | D | 11.0 | 36.2 | 24.2 | 12.00 | 12.00 | 125.00 | 12.00 | 12.1 | 22 | 2.5 |
| | C2R-RS16-LD08DS | D | 8.0 | 37.2 | 21.2 | 16.00 | 16.00 | 125.00 | 16.00 | 16.0 | 16 | 2.5 |
| | C2R-RS16-LD17DS | D | 17.0 | 46.2 | 30.2 | 16.00 | 16.00 | 125.00 | 16.00 | 16.0 | 34 | 2.5 |
| | C2R-RS16-RD08DS | D | 8.0 | 37.2 | 21.2 | 16.00 | 16.00 | 125.00 | 16.00 | 16.0 | 16 | 2.5 |
| | C2R-RS16-RD17DS | D | 17.0 | 46.2 | 30.2 | 16.00 | 16.00 | 125.00 | 16.00 | 16.0 | 34 | 2.5 |

R = Right hand, L = Left hand

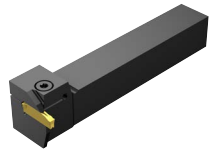
Imperial (inch)

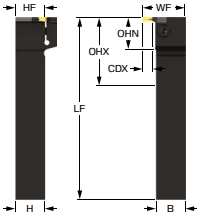
| | Ordering code | SSC | CDX [inch] | OHX [inch] | OHN [inch] | B [inch] | H [inch] | LF [inch] | WF [inch] | HF [inch] | CUTDIA [inch] | TQ [ft] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2R-RSA06-LD10DS | D | 0.390 | 1.285 | 0.910 | 0.375 | 0.375 | 4.921 | 0.375 | 0.377 | 1 | 1.8 |
| | C2R-RSA06-RD10DS | D | 0.390 | 1.285 | 0.910 | 0.375 | 0.375 | 4.921 | 0.375 | 0.377 | 1 | 1.8 |
| | C2R-RSA08-LD11DS | D | 0.430 | 1.450 | 0.950 | 0.500 | 0.500 | 4.921 | 0.500 | 0.502 | 1 | 1.8 |
| | C2R-RSA08-RD11DS | D | 0.430 | 1.450 | 0.950 | 0.500 | 0.500 | 4.921 | 0.500 | 0.502 | 1 | 1.8 |
| | C2R-RSA10-LD08DS | D | 0.320 | 1.465 | 0.840 | 0.625 | 0.625 | 4.921 | 0.625 | 0.627 | 1 | 1.8 |
| | C2R-RSA10-LD17DS | D | 0.670 | 1.815 | 1.190 | 0.625 | 0.625 | 4.921 | 0.625 | 0.627 | 1 | 1.8 |
| | C2R-RSA10-RD08DS | D | 0.320 | 1.465 | 0.840 | 0.625 | 0.625 | 4.921 | 0.625 | 0.627 | 1 | 1.8 |
| | C2R-RSA10-RD17DS | D | 0.670 | 1.815 | 1.190 | 0.625 | 0.625 | 4.921 | 0.625 | 0.627 | 1 | 1.8 |

R = Right hand, L = Left hand

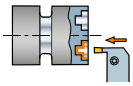
# CoroCut® 2, shank tool for shallow grooving

Screw clamp design



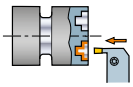



Metric (mm)

| | Ordering code | SSC | CDX [mm] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | LF [mm] | WF [mm] | HF [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2A-RS20-RGK08B-DC | K | 8.0 | 49.6 | 29.6 | 20.00 | 20.00 | 125.00 | 30.00 | 20.0 | 4.5 |
| | C2A-RS25-RGK08B-DC | K | 8.0 | 54.6 | 29.6 | 25.00 | 25.00 | 150.00 | 35.00 | 25.0 | 4.5 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

R = Right hand, L = Left hand

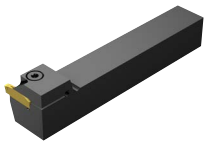
Imperial (inch)

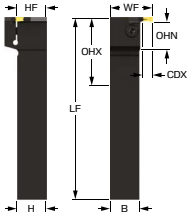
| | Ordering code | SSC | CDX [inch] | OHX [inch] | OHN [inch] | B [inch] | H [inch] | LF [inch] | WF [inch] | HF [inch] | TQ [ft] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2A-RSA12-RGK08B-DC | K | 0.315 | 1.915 | 1.165 | 0.750 | 0.750 | 5.000 | 1.144 | 0.750 | 3.3 |
| | C2A-RSA16-RGK08B-DC | K | 0.315 | 2.165 | 1.165 | 1.000 | 1.000 | 6.000 | 1.394 | 1.000 | 3.3 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

R = Right hand, L = Left hand

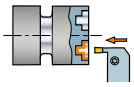
# CoroCut® 2, shank tool for shallow grooving

Screw clamp design



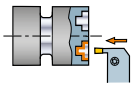



Metric (mm)

| | Ordering code | SSC | CDX [mm] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | LF [mm] | WF [mm] | HF [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2A-RS20-LGK08B-DC | K | 8.0 | 49.6 | 29.6 | 20.00 | 20.00 | 125.00 | 30.00 | 20.0 | 4.5 |
| | C2A-RS25-LGK08B-DC | K | 8.0 | 54.6 | 29.6 | 25.00 | 25.00 | 150.00 | 35.00 | 25.0 | 4.5 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

R = Right hand, L = Left hand

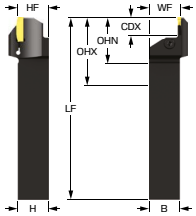
Imperial (inch)

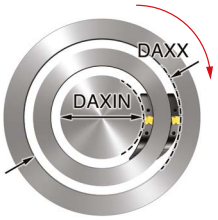
| | Ordering code | SSC | CDX [inch] | OHX [inch] | OHN [inch] | B [inch] | H [inch] | LF [inch] | WF [inch] | HF [inch] | TQ [ft] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2A-RSA12-LGK08B-DC | K | 0.315 | 1.915 | 1.165 | 0.750 | 0.750 | 5.000 | 1.144 | 0.750 | 3.3 |
| | C2A-RSA16-LGK08B-DC | K | 0.315 | 2.165 | 1.165 | 1.000 | 1.000 | 6.000 | 1.394 | 1.000 | 3.3 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

R = Right hand, L = Left hand

# CoroCut® 2, shank tool for face grooving

Screw clamp design



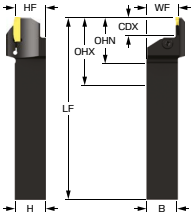

Metric (mm)

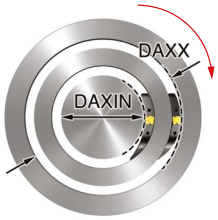
| | Ordering code | SSC | CDX [mm] | DAXIN [mm] | DAXX [mm] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | LF [mm] | WF [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | C2A-RS20-LFH18B-040DB | H | 18.0 | 40.0 | 60.0 | 60.7 | 40.7 | 20.00 | 20.00 | 125.00 | 21.00 |
| | C2A-RS20-LFH18B-052DB | H | 18.0 | 52.0 | 72.0 | 60.7 | 40.7 | 20.00 | 20.00 | 125.00 | 21.00 |
| | C2A-RS20-LFH18B-064DB | H | 18.0 | 64.0 | 100.0 | 60.7 | 40.7 | 20.00 | 20.00 | 125.00 | 21.00 |
| | C2A-RS20-LFH18B-092DB | H | 18.0 | 92.0 | 140.0 | 60.7 | 40.7 | 20.00 | 20.00 | 125.00 | 21.00 |
| | C2A-RS20-LFH18B-132DB | H | 18.0 | 132.0 | 230.0 | 60.7 | 40.7 | 20.00 | 20.00 | 125.00 | 21.00 |
| | C2A-RS20-LFH18B-220DB | H | 18.0 | 220.0 | 500.0 | 60.7 | 40.7 | 20.00 | 20.00 | 125.00 | 21.00 |
| | C2A-RS25-LFH18B-040DB | H | 18.0 | 40.0 | 60.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-LFH18B-052DB | H | 18.0 | 52.0 | 72.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-LFH18B-064DB | H | 18.0 | 64.0 | 100.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-LFH18B-092DB | H | 18.0 | 92.0 | 140.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-LFH18B-132DB | H | 18.0 | 132.0 | 230.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-LFH18B-220DB | H | 18.0 | 220.0 | 500.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-LFH18B-300DB | H | 18.0 | 300.0 | 1100.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-LFJ18B-040DB | J | 18.0 | 40.0 | 70.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-LFJ18B-060DB | J | 18.0 | 60.0 | 95.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-LFJ18B-085DB | J | 18.0 | 85.0 | 130.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-LFJ18B-120DB | J | 18.0 | 120.0 | 180.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-LFJ18B-175DB | J | 18.0 | 175.0 | 500.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-LFK18B-040DB | K | 18.0 | 40.0 | 70.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-LFK18B-058DB | K | 18.0 | 58.0 | 100.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-LFK18B-088DB | K | 18.0 | 88.0 | 180.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-LFK18B-168DB | K | 18.0 | 168.0 | 400.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-LFK18B-220DB | K | 18.0 | 220.0 | 1000.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-LFL23B-050DB | L | 23.0 | 50.0 | 80.0 | 70.3 | 45.3 | 25.00 | 25.00 | 150.00 | 26.50 |
| | C2A-RS25-LFL23B-075DB | L | 23.0 | 75.0 | 150.0 | 70.3 | 45.3 | 25.00 | 25.00 | 150.00 | 26.50 |
| | C2A-RS25-LFL23B-140DB | L | 23.0 | 140.0 | 400.0 | 70.3 | 45.3 | 25.00 | 25.00 | 150.00 | 26.50 |
| | C2A-RS32-LFK18B-220DB | K | 18.0 | 220.0 | 1000.0 | 72.7 | 40.7 | 32.00 | 32.00 | 170.00 | 33.00 |
| | C2A-RS32-LFL23B-075DB | L | 23.0 | 75.0 | 150.0 | 77.3 | 45.3 | 32.00 | 32.00 | 170.00 | 33.50 |
| | C2A-RS32-LFL23B-140DB | L | 23.0 | 140.0 | 400.0 | 77.3 | 45.3 | 32.00 | 32.00 | 170.00 | 33.50 |

R = Right hand, L = Left hand

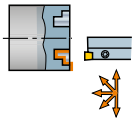
# CoroCut® 2, shank tool for face grooving

Screw clamp design



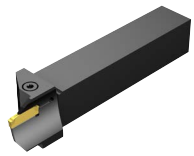

Imperial (inch)

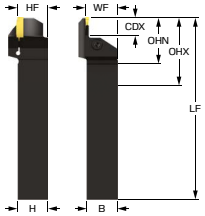
| | Ordering code | SSC | CDX [inch] | DAXIN [inch] | DAXX [inch] | OHX [inch] | OHN [inch] | B [inch] | H [inch] | LF [inch] | WF [inch] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | C2A-RSA16-LFH18B-040DB | H | 0.709 | 1.575 | 2.362 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-LFH18B-052DB | H | 0.709 | 2.047 | 2.835 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-LFH18B-064DB | H | 0.709 | 2.520 | 3.937 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-LFH18B-092DB | H | 0.709 | 3.622 | 5.512 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-LFH18B-132DB | H | 0.709 | 5.197 | 9.055 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-LFH18B-220DB | H | 0.709 | 8.661 | 19.685 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-LFH18B-300DB | H | 0.709 | 11.811 | 31.496 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-LFJ18B-040DB | J | 0.709 | 1.575 | 2.756 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-LFJ18B-060DB | J | 0.709 | 2.362 | 3.740 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
|  | C2A-RSA16-LFJ18B-085DB | J | 0.709 | 3.346 | 5.118 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-LFJ18B-120DB | J | 0.709 | 4.724 | 7.087 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-LFJ18B-175DB | J | 0.709 | 6.890 | 19.685 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-LFK18B-040DB | K | 0.709 | 1.575 | 2.756 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-LFK18B-058DB | K | 0.709 | 2.283 | 3.400 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-LFK18B-088DB | K | 0.709 | 3.465 | 7.087 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-LFK18B-168DB | K | 0.709 | 6.614 | 15.748 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-LFK18B-220DB | K | 0.709 | 8.661 | 39.370 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-LFL23B-075DB | L | 0.906 | 2.953 | 5.906 | 2.785 | 1.785 | 1.000 | 1.000 | 6.000 | 1.063 |
| | C2A-RSA16-LFL23B-140DB | L | 0.906 | 5.512 | 15.748 | 2.785 | 1.785 | 1.000 | 1.000 | 6.000 | 1.063 |
| | C2A-RSA20-LFL23B-075DB | L | 0.906 | 2.953 | 5.906 | 3.035 | 1.785 | 1.250 | 1.250 | 6.000 | 1.309 |
| | C2A-RSA20-LFL23B-140DB | L | 0.906 | 5.512 | 15.748 | 3.035 | 1.785 | 1.250 | 1.250 | 6.000 | 1.309 |

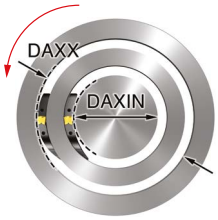
R = Right hand, L = Left hand

# CoroCut® 2, shank tool for face grooving

Screw clamp design





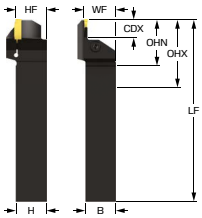

Metric (mm)

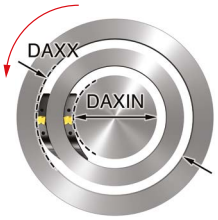
| | Ordering code | SSC | CDX [mm] | DAXIN [mm] | DAXX [mm] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | LF [mm] | WF [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | C2A-RS20-RFH18B-040DB | H | 18.0 | 40.0 | 60.0 | 60.7 | 40.7 | 20.00 | 20.00 | 125.00 | 21.00 |
| | C2A-RS20-RFH18B-052DB | H | 18.0 | 52.0 | 72.0 | 60.7 | 40.7 | 20.00 | 20.00 | 125.00 | 21.00 |
| | C2A-RS20-RFH18B-064DB | H | 18.0 | 64.0 | 100.0 | 60.7 | 40.7 | 20.00 | 20.00 | 125.00 | 21.00 |
| | C2A-RS20-RFH18B-092DB | H | 18.0 | 92.0 | 140.0 | 60.7 | 40.7 | 20.00 | 20.00 | 125.00 | 21.00 |
| | C2A-RS20-RFH18B-132DB | H | 18.0 | 132.0 | 230.0 | 60.7 | 40.7 | 20.00 | 20.00 | 125.00 | 21.00 |
| | C2A-RS20-RFH18B-220DB | H | 18.0 | 220.0 | 500.0 | 60.7 | 40.7 | 20.00 | 20.00 | 125.00 | 21.00 |
| | C2A-RS25-RFH18B-040DB | H | 18.0 | 40.0 | 60.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-RFH18B-052DB | H | 18.0 | 52.0 | 72.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-RFH18B-064DB | H | 18.0 | 64.0 | 100.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-RFH18B-092DB | H | 18.0 | 92.0 | 140.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-RFH18B-132DB | H | 18.0 | 132.0 | 230.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-RFH18B-220DB | H | 18.0 | 220.0 | 500.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-RFH18B-300DB | H | 18.0 | 300.0 | 1100.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-RFJ18B-040DB | J | 18.0 | 40.0 | 70.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-RFJ18B-060DB | J | 18.0 | 60.0 | 95.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-RFJ18B-085DB | J | 18.0 | 85.0 | 130.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-RFJ18B-120DB | J | 18.0 | 120.0 | 180.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-RFJ18B-175DB | J | 18.0 | 175.0 | 500.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-RFK18B-040DB | K | 18.0 | 40.0 | 70.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-RFK18B-058DB | K | 18.0 | 58.0 | 100.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-RFK18B-088DB | K | 18.0 | 88.0 | 180.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-RFK18B-168DB | K | 18.0 | 168.0 | 400.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-RFK18B-220DB | K | 18.0 | 220.0 | 1000.0 | 65.7 | 40.7 | 25.00 | 25.00 | 150.00 | 26.00 |
| | C2A-RS25-RFL23B-050DB | L | 23.0 | 50.0 | 80.0 | 70.3 | 45.3 | 25.00 | 25.00 | 150.00 | 26.50 |
| | C2A-RS25-RFL23B-075DB | L | 23.0 | 75.0 | 150.0 | 70.3 | 45.3 | 25.00 | 25.00 | 150.00 | 26.50 |
| | C2A-RS25-RFL23B-140DB | L | 23.0 | 140.0 | 400.0 | 70.3 | 45.3 | 25.00 | 25.00 | 150.00 | 26.50 |
| | C2A-RS32-RFK18B-088DB | K | 18.0 | 88.0 | 180.0 | 72.7 | 40.7 | 32.00 | 32.00 | 170.00 | 33.00 |
| | C2A-RS32-RFK18B-168DB | K | 18.0 | 168.0 | 400.0 | 72.7 | 40.7 | 32.00 | 32.00 | 170.00 | 33.00 |
| | C2A-RS32-RFK18B-220DB | K | 18.0 | 220.0 | 1000.0 | 72.7 | 40.7 | 32.00 | 32.00 | 170.00 | 33.00 |
| | C2A-RS32-RFL23B-075DB | L | 23.0 | 75.0 | 150.0 | 77.3 | 45.3 | 32.00 | 32.00 | 170.00 | 33.50 |
| | C2A-RS32-RFL23B-140DB | L | 23.0 | 140.0 | 400.0 | 77.3 | 45.3 | 32.00 | 32.00 | 170.00 | 33.50 |

R = Right hand, L = Left hand

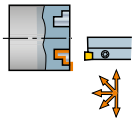
# CoroCut® 2, shank tool for face grooving

Screw clamp design



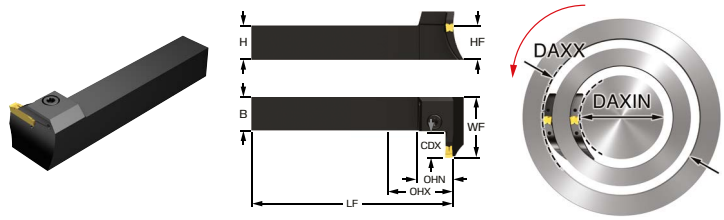

Imperial (inch)

| | Ordering code | SSC | CDX [inch] | DAXIN [inch] | DAXX [inch] | OHX [inch] | OHN [inch] | B [inch] | H [inch] | LF [inch] | WF [inch] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2A-RSA16-RFH18B-040DB | H | 0.709 | 1.575 | 2.362 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-RFH18B-052DB | H | 0.709 | 2.047 | 2.835 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-RFH18B-064DB | H | 0.709 | 2.520 | 3.937 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-RFH18B-092DB | H | 0.709 | 3.622 | 5.512 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-RFH18B-132DB | H | 0.709 | 5.197 | 9.055 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-RFH18B-220DB | H | 0.709 | 8.661 | 19.685 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-RFH18B-300DB | H | 0.709 | 11.811 | 31.496 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-RFJ18B-040DB | J | 0.709 | 1.575 | 2.756 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-RFJ18B-060DB | J | 0.709 | 2.362 | 3.740 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-RFJ18B-085DB | J | 0.709 | 3.346 | 5.118 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-RFJ18B-120DB | J | 0.709 | 4.724 | 7.087 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-RFJ18B-175DB | J | 0.709 | 6.890 | 19.685 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-RFK18B-040DB | K | 0.709 | 1.575 | 2.756 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-RFK18B-058DB | K | 0.709 | 2.283 | 3.400 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-RFK18B-088DB | K | 0.709 | 3.465 | 7.087 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-RFK18B-168DB | K | 0.709 | 6.614 | 15.748 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-RFK18B-220DB | K | 0.709 | 8.661 | 39.370 | 2.603 | 1.603 | 1.000 | 1.000 | 6.000 | 1.039 |
| | C2A-RSA16-RFL23B-075DB | L | 0.906 | 2.953 | 5.906 | 2.785 | 1.785 | 1.000 | 1.000 | 6.000 | 1.063 |
| | C2A-RSA16-RFL23B-140DB | L | 0.906 | 5.512 | 15.748 | 2.785 | 1.785 | 1.000 | 1.000 | 6.000 | 1.063 |
| | C2A-RSA20-RFL23B-075DB | L | 0.906 | 2.953 | 5.906 | 3.035 | 1.785 | 1.250 | 1.250 | 6.000 | 1.309 |
| | C2A-RSA20-RFL23B-140DB | L | 0.906 | 5.512 | 15.748 | 3.035 | 1.785 | 1.250 | 1.250 | 6.000 | 1.309 |

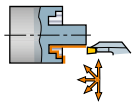
R = Right hand, L = Left hand

# CoroCut® 2, shank tool for face grooving

Screw clamp design




Metric (mm)

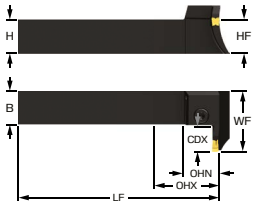


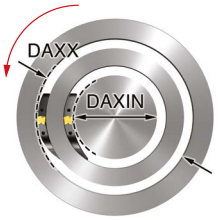
| Ordering code | SSC | CDX [mm] | DAXIN [mm] | DAXX [mm] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | LF [mm] | WF [mm] |
|---|---|---|---|---|---|---|---|---|---|---|
| C2A-RS25-LGH18B-040DB | H | 18.0 | 40.0 | 60.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGH18B-052DB | H | 18.0 | 52.0 | 72.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGH18B-064DB | H | 18.0 | 64.0 | 100.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGH18B-092DB | H | 18.0 | 92.0 | 140.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGH18B-132DB | H | 18.0 | 132.0 | 230.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGH18B-220DB | H | 18.0 | 220.0 | 500.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGH18B-300DB | H | 18.0 | 300.0 | 1100.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGK18B-058DB | K | 18.0 | 58.0 | 100.0 | 51.6 | 26.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGK18B-088DB | K | 18.0 | 88.0 | 180.0 | 51.6 | 26.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGK18B-168DB | K | 18.0 | 168.0 | 400.0 | 51.6 | 26.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-LGL20B-050DB | L | 20.0 | 50.0 | 80.0 | 52.6 | 27.6 | 25.00 | 25.00 | 150.00 | 47.00 |
| C2A-RS25-LGL20B-075DB | L | 20.0 | 75.0 | 150.0 | 52.6 | 27.6 | 25.00 | 25.00 | 150.00 | 47.00 |
| C2A-RS25-LGL20B-140DB | L | 20.0 | 140.0 | 400.0 | 52.6 | 27.6 | 25.00 | 25.00 | 150.00 | 47.00 |

R = Right hand, L = Left hand

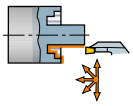
# CoroCut® 2, shank tool for face grooving

Screw clamp design



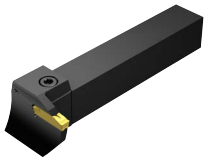

Imperial (inch)

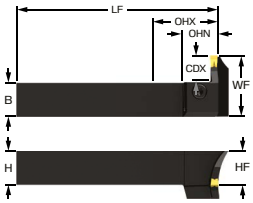
| | Ordering code | SSC | CDX [inch] | DAXIN [inch] | DAXX [inch] | OHX [inch] | OHN [inch] | B [inch] | H [inch] | LF [inch] | WF [inch] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2A-RSA16-LGH18B-040DB | H | 0.709 | 1.575 | 2.362 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-LGH18B-052DB | H | 0.709 | 2.047 | 2.835 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-LGH18B-064DB | H | 0.709 | 2.520 | 3.937 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-LGH18B-092DB | H | 0.709 | 3.622 | 5.512 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-LGH18B-132DB | H | 0.709 | 5.197 | 9.055 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-LGH18B-220DB | H | 0.709 | 8.661 | 19.685 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-LGH18B-300DB | H | 0.709 | 11.811 | 43.307 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-LGK18B-058DB | K | 0.709 | 2.283 | 3.937 | 2.047 | 1.047 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-LGK18B-088DB | K | 0.709 | 3.465 | 7.087 | 2.047 | 1.047 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-LGK18B-168DB | K | 0.709 | 6.614 | 15.748 | 2.047 | 1.047 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-LGL20B-050DB | L | 0.790 | 1.969 | 3.150 | 2.087 | 1.087 | 1.000 | 1.000 | 6.000 | 1.869 |
| | C2A-RSA16-LGL20B-075DB | L | 0.790 | 2.953 | 5.906 | 2.087 | 1.087 | 1.000 | 1.000 | 6.000 | 1.869 |
| | C2A-RSA16-LGL20B-140DB | L | 0.790 | 5.512 | 15.748 | 2.087 | 1.087 | 1.000 | 1.000 | 6.000 | 1.869 |

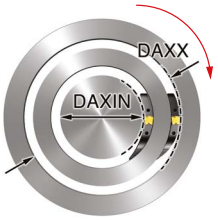
R = Right hand, L = Left hand

# CoroCut® 2, shank tool for face grooving

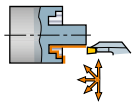
Screw clamp design






Metric (mm)

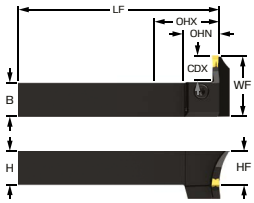


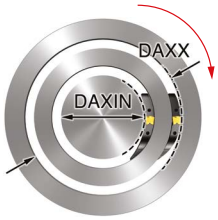
| Ordering code | SSC | CDX [mm] | DAXIN [mm] | DAXX [mm] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | LF [mm] | WF [mm] |
|---|---|---|---|---|---|---|---|---|---|---|
| C2A-RS25-RGH18B-040DB | H | 18.0 | 40.0 | 60.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-RGH18B-052DB | H | 18.0 | 52.0 | 72.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-RGH18B-064DB | H | 18.0 | 64.0 | 100.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-RGH18B-092DB | H | 18.0 | 92.0 | 140.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-RGH18B-132DB | H | 18.0 | 132.0 | 230.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-RGH18B-220DB | H | 18.0 | 220.0 | 500.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-RGH18B-300DB | H | 18.0 | 300.0 | 1100.0 | 49.6 | 24.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-RGK18B-058DB | K | 18.0 | 58.0 | 100.0 | 51.6 | 26.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-RGK18B-088DB | K | 18.0 | 88.0 | 180.0 | 51.6 | 26.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-RGK18B-168DB | K | 18.0 | 168.0 | 400.0 | 51.6 | 26.6 | 25.00 | 25.00 | 150.00 | 45.00 |
| C2A-RS25-RGL20B-050DB | L | 20.0 | 50.0 | 80.0 | 52.6 | 27.6 | 25.00 | 25.00 | 150.00 | 47.00 |
| C2A-RS25-RGL20B-075DB | L | 20.0 | 75.0 | 150.0 | 52.6 | 27.6 | 25.00 | 25.00 | 150.00 | 47.00 |
| C2A-RS25-RGL20B-140DB | L | 20.0 | 140.0 | 400.0 | 52.6 | 27.6 | 25.00 | 25.00 | 150.00 | 47.00 |

R = Right hand, L = Left hand

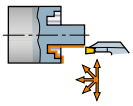
# CoroCut® 2, shank tool for face grooving

Screw clamp design



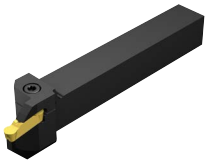

Imperial (inch)

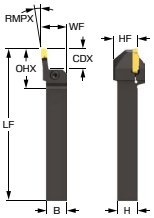
| | Ordering code | SSC | CDX [inch] | DAXIN [inch] | DAXX [inch] | OHX [inch] | OHN [inch] | B [inch] | H [inch] | LF [inch] | WF [inch] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2A-RSA16-RGH18B-040DB | H | 0.709 | 1.575 | 2.362 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-RGH18B-052DB | H | 0.709 | 2.047 | 2.835 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-RGH18B-064DB | H | 0.709 | 2.520 | 3.937 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-RGH18B-092DB | H | 0.709 | 3.622 | 5.512 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-RGH18B-132DB | H | 0.709 | 5.197 | 9.055 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-RGH18B-220DB | H | 0.709 | 8.661 | 19.685 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-RGH18B-300DB | H | 0.709 | 11.811 | 43.307 | 1.969 | 0.969 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-RGK18B-058DB | K | 0.709 | 2.283 | 3.937 | 2.047 | 1.047 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-RGK18B-088DB | K | 0.709 | 3.465 | 7.087 | 2.047 | 1.047 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-RGK18B-168DB | K | 0.709 | 6.614 | 15.748 | 2.047 | 1.047 | 1.000 | 1.000 | 6.000 | 1.788 |
| | C2A-RSA16-RGL20B-050DB | L | 0.790 | 1.969 | 3.150 | 2.087 | 1.087 | 1.000 | 1.000 | 6.000 | 1.869 |
| | C2A-RSA16-RGL20B-075DB | L | 0.790 | 2.953 | 5.906 | 2.087 | 1.087 | 1.000 | 1.000 | 6.000 | 1.869 |
| | C2A-RSA16-RGL20B-140DB | L | 0.790 | 5.512 | 15.748 | 2.087 | 1.087 | 1.000 | 1.000 | 6.000 | 1.869 |

R = Right hand, L = Left hand

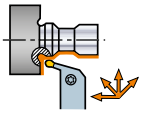
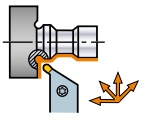
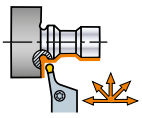
# CoroCut® 2, shank tool for profiling

Screw clamp design





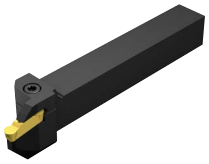

Metric (mm)

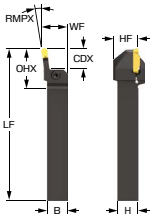
| | Ordering code | SSC | CDX [mm] | RMPX [deg] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | LF [mm] | WF [mm] | HF [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2T-RS25-LX70J16DB | J | 16.0 | 70.00 | 60.1 | 35.1 | 25.00 | 25.00 | 190.00 | 42.60 | 25.0 |
| | C2T-RS25-RX70J16DB | J | 16.0 | 70.00 | 60.1 | 35.1 | 25.00 | 25.00 | 190.00 | 42.60 | 25.0 |
| | C2T-RS32-LX70J16DB | J | 16.0 | 70.00 | 67.1 | 35.1 | 32.00 | 32.00 | 190.00 | 49.60 | 32.0 |
| | C2T-RS32-RX70J16DB | J | 16.0 | 70.00 | 67.1 | 35.1 | 32.00 | 32.00 | 190.00 | 49.60 | 32.0 |
|  | C2T-RS20-LX45G04DB | G | 4.0 | 45.00 | 54.3 | 34.3 | 20.00 | 20.00 | 150.00 | 25.60 | 20.0 |
| | C2T-RS20-LX45J05DB | J | 5.0 | 45.00 | 60.9 | 40.9 | 20.00 | 20.00 | 150.00 | 26.60 | 20.0 |
| | C2T-RS20-RX45G04DB | G | 4.0 | 45.00 | 54.3 | 34.3 | 20.00 | 20.00 | 150.00 | 25.60 | 20.0 |
| | C2T-RS20-RX45J05DB | J | 5.0 | 45.00 | 60.9 | 40.9 | 20.00 | 20.00 | 150.00 | 26.60 | 20.0 |
| | C2T-RS25-LX45G04DB | G | 4.0 | 45.00 | 59.3 | 34.3 | 25.00 | 25.00 | 150.00 | 30.60 | 25.0 |
| | C2T-RS25-LX45J05DB | J | 5.0 | 45.00 | 65.9 | 40.9 | 25.00 | 25.00 | 150.00 | 31.60 | 25.0 |
| | C2T-RS25-RX45G04DB | G | 4.0 | 45.00 | 59.3 | 34.3 | 25.00 | 25.00 | 150.00 | 30.60 | 25.0 |
| | C2T-RS25-RX45J05DB | J | 5.0 | 45.00 | 65.9 | 40.9 | 25.00 | 25.00 | 150.00 | 31.60 | 25.0 |
|  | C2T-RS25-LX07L25DB | L | 25.0 | 83.00 | 73.3 | 48.3 | 25.00 | 25.00 | 190.00 | 32.00 | 25.0 |
| | C2T-RS25-RX07L25DB | L | 25.0 | 83.00 | 73.3 | 48.3 | 25.00 | 25.00 | 190.00 | 32.00 | 25.0 |
| | C2T-RS32-LX07L25DB | L | 25.0 | 83.00 | 80.3 | 48.3 | 32.00 | 32.00 | 190.00 | 40.00 | 32.0 |
| | C2T-RS32-RX07L25DB | L | 25.0 | 83.00 | 80.3 | 48.3 | 32.00 | 32.00 | 190.00 | 40.00 | 32.0 |

R = Right hand, L = Left hand

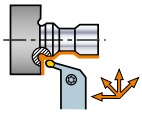
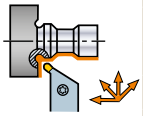
# CoroCut® 2, shank tool for profiling

Screw clamp design





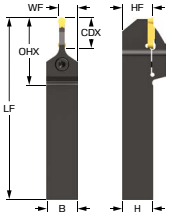

Imperial (inch)

| | Ordering code | SSC | CDX [inch] | RMPX [deg] | OHX [inch] | OHN [inch] | B [inch] | H [inch] | LF [inch] | WF [inch] | HF [inch] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2T-RSA16-LX70J062DB | J | 0.620 | 70.00 | 2.381 | 1.381 | 1.000 | 1.000 | 7.500 | 1.683 | 1.000 |
| | C2T-RSA16-RX70J062DB | J | 0.620 | 70.00 | 2.381 | 1.381 | 1.000 | 1.000 | 7.500 | 1.683 | 1.000 |
| | C2T-RSA20-LX70J062DB | J | 0.620 | 70.00 | 2.631 | 1.381 | 1.250 | 1.250 | 7.500 | 1.933 | 1.250 |
| | C2T-RSA20-RX70J062DB | J | 0.620 | 70.00 | 2.631 | 1.381 | 1.250 | 1.250 | 7.500 | 1.933 | 1.250 |
|  | C2T-RSA12-LX45J020DB | J | 0.200 | 45.00 | 2.362 | 1.612 | 0.750 | 0.750 | 6.000 | 1.013 | 0.750 |
| | C2T-RSA12-RX45G016DB | G | 0.160 | 45.00 | 2.099 | 1.349 | 0.750 | 0.750 | 6.000 | 0.973 | 0.750 |
| | C2T-RSA12-RX45J020DB | J | 0.200 | 45.00 | 2.362 | 1.612 | 0.750 | 0.750 | 6.000 | 1.013 | 0.750 |
| | C2T-RSA16-LX45G016DB | G | 0.160 | 45.00 | 2.349 | 1.349 | 1.000 | 1.000 | 6.000 | 1.223 | 1.000 |
| | C2T-RSA16-LX45J020DB | J | 0.200 | 45.00 | 2.612 | 1.612 | 1.000 | 1.000 | 6.000 | 1.263 | 1.000 |
| | C2T-RSA16-RX45G016DB | G | 0.160 | 45.00 | 2.349 | 1.349 | 1.000 | 1.000 | 6.000 | 1.223 | 1.000 |
| | C2T-RSA16-RX45J020DB | J | 0.200 | 45.00 | 2.612 | 1.612 | 1.000 | 1.000 | 6.000 | 1.263 | 1.000 |
| | C2T-RSA20-LX45J020DB | J | 0.200 | 45.00 | 2.862 | 1.612 | 1.250 | 1.250 | 6.000 | 1.513 | 1.250 |
| | C2T-RSA20-RX45J020DB | J | 0.200 | 45.00 | 2.862 | 1.612 | 1.250 | 1.250 | 6.000 | 1.513 | 1.250 |

R = Right hand, L = Left hand

# CoroCut® 2, shank tool for profiling

Screw clamp design



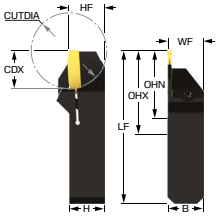

Metric (mm)

| | Ordering code | SSC | CDX [mm] | RMPX [deg] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | LF [mm] | WF [mm] | HF [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2T-RS20-N18GDB | G | 18.0 | 90.00 | 63.8 | 43.8 | 20.00 | 20.00 | 150.00 | 12.00 | 20.0 | 4.5 |
| | C2T-RS25-N18GDB | G | 18.0 | 90.00 | 68.8 | 43.8 | 25.00 | 25.00 | 150.00 | 14.50 | 25.0 | 4.5 |
| | C2T-RS25-N25JDB | J | 25.0 | 90.00 | 78.1 | 53.1 | 25.00 | 25.00 | 150.00 | 15.50 | 25.0 | 5.5 |
| | C2T-RS32-N25JDB | J | 25.0 | 90.00 | 85.1 | 53.1 | 32.00 | 32.00 | 170.00 | 19.00 | 32.0 | 5.5 |

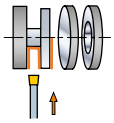
SSC = To correspond with SSC on insert

# CoroCut® 2, QS™ shank tool for parting and grooving

Screw clamp design

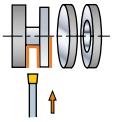



Metric (mm)

| | Ordering code | SSC | CDX [mm] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | LF [mm] | WF [mm] | HF [mm] | CUTDIA [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2R-QS10-LD10DS | D | 10.0 | 30.0 | 23.2 | 10.00 | 10.00 | 70.00 | 10.00 | 10.1 | 20 | 2.5 |
| | C2R-QS10-RD10DS | D | 10.0 | 30.0 | 23.2 | 10.00 | 10.00 | 70.00 | 10.00 | 10.1 | 20 | 2.5 |
| | C2R-QS12-LD11DS | D | 11.0 | 30.0 | 24.2 | 12.00 | 12.00 | 70.00 | 12.00 | 12.1 | 22 | 2.5 |
| | C2R-QS12-RD11DS | D | 11.0 | 30.0 | 24.2 | 12.00 | 12.00 | 70.00 | 12.00 | 12.1 | 22 | 2.5 |
| | C2R-QS16-LD08DS | D | 8.0 | 30.0 | 21.2 | 16.00 | 16.00 | 70.00 | 16.00 | 16.0 | 16 | 2.5 |
| | C2R-QS16-LD17DS | D | 17.0 | 30.2 | 30.2 | 16.00 | 16.00 | 70.00 | 16.00 | 16.0 | 34 | 2.5 |
| | C2R-QS16-RD08DS | D | 8.0 | 30.0 | 21.2 | 16.00 | 16.00 | 70.00 | 16.00 | 16.0 | 16 | 2.5 |
| | C2R-QS16-RD17DS | D | 17.0 | 30.2 | 30.2 | 16.00 | 16.00 | 70.00 | 16.00 | 16.0 | 34 | 2.5 |

R = Right hand, L = Left hand

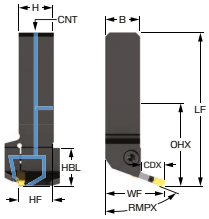
Imperial (inch)

| | Ordering code | SSC | CDX [inch] | OHX [inch] | OHN [inch] | B [inch] | H [inch] | LF [inch] | WF [inch] | HF [inch] | CUTDIA [inch] | TQ [ft] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2R-QSA06-LD10DS | D | 0.375 | 1.181 | 0.895 | 0.375 | 0.375 | 2.756 | 0.375 | 0.377 | 1 | 1.8 |
| | C2R-QSA06-RD10DS | D | 0.375 | 1.181 | 0.895 | 0.375 | 0.375 | 2.756 | 0.375 | 0.377 | 1 | 1.8 |
| | C2R-QSA08-LD11DS | D | 0.430 | 1.181 | 0.950 | 0.500 | 0.500 | 2.756 | 0.500 | 0.502 | 1 | 1.8 |
| | C2R-QSA08-RD11DS | D | 0.430 | 1.181 | 0.950 | 0.500 | 0.500 | 2.756 | 0.500 | 0.502 | 1 | 1.8 |
| | C2R-QSA10-LD08DS | D | 0.320 | 1.181 | 0.840 | 0.625 | 0.625 | 2.756 | 0.625 | 0.627 | 1 | 1.8 |
| | C2R-QSA10-LD17DS | D | 0.670 | 1.190 | 1.190 | 0.625 | 0.625 | 2.756 | 0.625 | 0.627 | 1 | 1.8 |
| | C2R-QSA10-RD08DS | D | 0.320 | 1.181 | 0.840 | 0.625 | 0.625 | 2.756 | 0.625 | 0.627 | 1 | 1.8 |
| | C2R-QSA10-RD17DS | D | 0.670 | 1.190 | 1.190 | 0.625 | 0.625 | 2.756 | 0.625 | 0.627 | 1 | 1.8 |

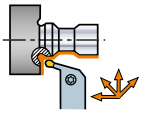
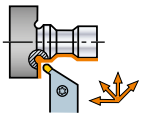
R = Right hand, L = Left hand

# CoroCut® 2, QS™ shank tool for profiling

Screw clamp design



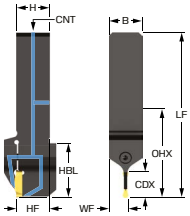

Metric (mm)

| | Ordering code | SSC | CDX [mm] | RMPX [deg] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | HBL [mm] | LF [mm] | WF [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2T-QS25-LX70J16CB | J | 16.0 | 70.00 | 53.0 | 27.5 | 25.00 | 25.00 | 27.5 | 111.46 | 42.60 |
| | C2T-QS25-RX70J16CB | J | 16.0 | 70.00 | 53.0 | 27.5 | 25.00 | 25.00 | 27.5 | 111.46 | 42.60 |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
|  | C2T-QS20-LX45G04CB | G | 4.0 | 45.00 | 44.2 | 26.7 | 20.00 | 20.00 | 26.7 | 95.66 | 25.60 |
| | C2T-QS20-RX45G04CB | G | 4.0 | 45.00 | 44.2 | 26.7 | 20.00 | 20.00 | 26.7 | 95.66 | 25.60 |
| | C2T-QS25-LX45G04CB | G | 4.0 | 45.00 | 52.2 | 26.7 | 25.00 | 25.00 | 26.7 | 110.66 | 30.60 |
| | C2T-QS25-LX45J05CB | J | 5.0 | 45.00 | 58.8 | 33.3 | 25.00 | 25.00 | 33.3 | 117.33 | 31.60 |
| | C2T-QS25-RX45G04CB | G | 4.0 | 45.00 | 52.2 | 26.7 | 25.00 | 25.00 | 26.7 | 110.66 | 30.60 |
| | C2T-QS25-RX45J05CB | J | 5.0 | 45.00 | 58.8 | 33.3 | 25.00 | 25.00 | 33.3 | 117.33 | 31.60 |

R = Right hand, L = Left hand

# CoroCut® 2, QS™ shank tool for profiling

Screw clamp design



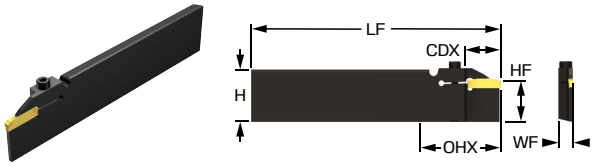

Metric (mm)

| | Ordering code | SSC | CDX [mm] | RMPX [deg] | OHX [mm] | OHN [mm] | B [mm] | H [mm] | HBL [mm] | LF [mm] | WF [mm] | HF [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2T-QS20-NG18BB | G | 18.0 | 90.00 | 58.7 | 41.2 | 20.00 | 20.00 | 41.2 | 110.19 | 12.00 | 20.0 |
| | C2T-QS25-NG18BB | G | 18.0 | 90.00 | 66.7 | 41.2 | 25.00 | 25.00 | 41.2 | 125.19 | 14.50 | 25.0 |
| | C2T-QS25-NJ22BB | J | 22.0 | 90.00 | 73.0 | 47.5 | 25.00 | 25.00 | 47.5 | 131.51 | 15.50 | 25.0 |
| | | | | | | | | | | | | |

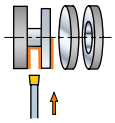
SSC = To correspond with SSC on insert

# CoroCut® 2, blade for parting

Screw clamp design. Single ended parting blade with right hand coupling




Metric (mm)

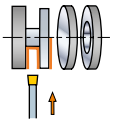
| | Ordering code | SSC | CDX [mm] | OHX [mm] | OHN [mm] | H [mm] | LF [mm] | WF [mm] | HF [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|
|  | C2R-BL25-RH25DF1 | H | 25.0 | 55.0 | 27.0 | 31.90 | 150.00 | 8.32 | 25.0 | 5.0 |
| | C2R-BL25-RJ25DF1 | J | 25.0 | 55.0 | 27.0 | 31.90 | 150.00 | 8.32 | 25.0 | 5.0 |
| | C2R-BL25-RK25DF1 | K | 25.0 | 55.0 | 27.0 | 31.90 | 150.00 | 8.32 | 25.0 | 5.0 |
| | | | | | | | | | | |

R = Right hand, L = Left hand

# CoroCut® 2, blade for parting

Screw clamp design. Single sided parting blade with right hand coupling

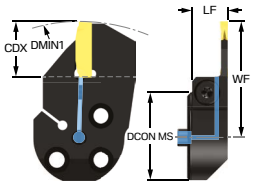

Metric (mm)

| | Ordering code | SSC | CDX [mm] | OHX [mm] | OHN [mm] | H [mm] | LF [mm] | WF [mm] | HF [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|
|  | C2R-BR25-LH25DF1 | H | 25.0 | 55.0 | 27.0 | 31.90 | 150.00 | 8.32 | 25.0 | 5.0 |
| | C2R-BR25-LJ25DF1 | J | 25.0 | 55.0 | 27.0 | 31.90 | 150.00 | 8.32 | 25.0 | 5.0 |
| | C2R-BR25-LK25DF1 | K | 25.0 | 55.0 | 27.0 | 31.90 | 150.00 | 8.32 | 25.0 | 5.0 |
| | | | | | | | | | | |

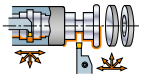
R = Right hand, L = Left hand

# CoroCut® 2, cutting head for parting and grooving

Screw clamp design. CoroTurn® SL - internal coolant supply



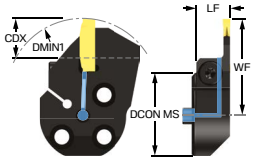

Metric (mm)

| | Ordering code | SSC | CDX [mm] | $DMIN_1$ [mm] | OHX [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | HF [mm] | CP [bar] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2R-SL25-LD12GB | D | 12.0 | 139.0 | 14.0 | 25.00 | 14.00 | 30.85 | 0.1 | 150 | 2.0 |
| | C2R-SL25-RD12GB | D | 12.0 | 139.0 | 14.0 | 25.00 | 14.00 | 30.85 | 0.1 | 150 | 2.0 |
| | C2R-SL32-LD12GB | D | 12.0 | 139.0 | 14.0 | 32.00 | 14.00 | 34.35 | 0.1 | 150 | 2.0 |
| | C2R-SL32-LH23GB | H | 23.0 | 92.0 | 18.0 | 32.00 | 18.00 | 46.10 | 0.1 | 150 | 3.0 |
| | C2R-SL32-LJ18GB | J | 18.0 | 92.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 | 4.0 |
| | C2R-SL32-RD12GB | D | 12.0 | 139.0 | 14.0 | 32.00 | 14.00 | 34.35 | 0.1 | 150 | 2.0 |
| | C2R-SL32-RH23GB | H | 23.0 | 92.0 | 18.0 | 32.00 | 18.00 | 46.10 | 0.1 | 150 | 3.0 |
| | C2R-SL32-RJ18GB | J | 18.0 | 92.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 | 4.0 |
| | C2R-SL40-LD12GB | D | 12.0 | 139.0 | 14.0 | 40.00 | 14.00 | 38.00 | 0.1 | 150 | 2.0 |
| | C2R-SL40-LH23GB | H | 23.0 | 92.0 | 18.0 | 40.00 | 18.00 | 50.10 | 0.1 | 150 | 3.0 |
| | C2R-SL40-LJ18GB | J | 18.0 | 92.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 | 3.0 |
| | C2R-SL40-LK18GB | K | 18.0 | 92.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 | 4.0 |
| | C2R-SL40-RD12GB | D | 12.0 | 139.0 | 14.0 | 40.00 | 14.00 | 38.00 | 0.1 | 150 | 2.0 |
| | C2R-SL40-RH23GB | H | 23.0 | 92.0 | 18.0 | 40.00 | 18.00 | 50.10 | 0.1 | 150 | 3.0 |
| | C2R-SL40-RJ18GB | J | 18.0 | 92.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 | 3.0 |
| | C2R-SL40-RK18GB | K | 18.0 | 92.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 | 4.0 |

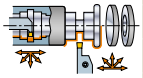
R = Right hand, L = Left hand

# CoroCut® 2, cutting head for parting and grooving

Screw clamp design. CoroTurn® SL - internal coolant supply



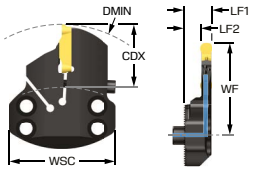

Metric (mm)

| | Ordering code | SSC | CDX [mm] | $DMIN_1$ [mm] | OHX [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | HF [mm] | CP [bar] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2R-SL32-LJ18GC | J | 18.0 | 83.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 | 3.0 |
| | C2R-SL32-RJ18GC | J | 18.0 | 83.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 | 3.0 |
| | C2R-SL40-LK17GC | K | 17.0 | 87.0 | 18.0 | 40.00 | 18.00 | 44.10 | 0.1 | 150 | 2.5 |
| | C2R-SL40-RK17GC | K | 17.0 | 87.0 | 18.0 | 40.00 | 18.00 | 44.10 | 0.1 | 150 | 2.5 |

R = Right hand, L = Left hand

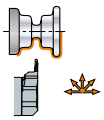
# CoroCut® 2, cutting head for parting and grooving

Screw clamp design. CoroTurn® SL70 - precision coolant supply





Metric (mm)

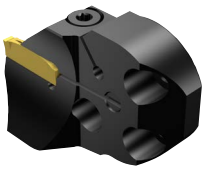


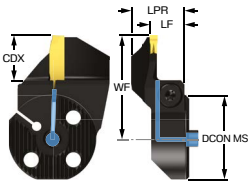
| Ordering code | SSC | CDX [mm] | DMIN$_1$ [mm] | OHX [mm] | BD [mm] | LF [mm] | WF [mm] | WSC [mm] | CP [bar] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|
| C2R-SL70-LH30AB | H | 30.0 | 100.0 | 14.0 | 70.0 | 16.00 | 56.00 | 70.0 | 80 | 4.5 |
| C2R-SL70-LK15AB | K | 15.0 | 120.0 | 15.0 | 70.0 | 18.00 | 36.00 | 70.0 | 80 | 2.0 |
| C2R-SL70-LK30AB | K | 30.0 | 120.0 | 14.0 | 70.0 | 17.00 | 55.00 | 70.0 | 80 | 4.5 |
| C2R-SL70-LK45AB | K | 45.0 | 120.0 | 15.0 | 70.0 | 18.00 | 71.00 | 70.0 | 80 | 6.0 |
| C2R-SL70-LL35AB | L | 35.0 | 90.0 | 14.0 | 70.0 | 18.00 | 61.00 | 70.0 | 80 | 6.5 |
| C2R-SL70-LL50AB | L | 50.0 | 105.0 | 14.0 | 70.0 | 18.00 | 81.00 | 70.0 | 80 | 6.5 |
| C2R-SL70-RH30AB | H | 30.0 | 100.0 | 14.0 | 70.0 | 16.00 | 56.00 | 70.0 | 80 | 4.5 |
| C2R-SL70-RK15AB | K | 15.0 | 120.0 | 15.0 | 70.0 | 18.00 | 36.00 | 70.0 | 80 | 2.0 |
| C2R-SL70-RK30AB | K | 30.0 | 120.0 | 14.0 | 70.0 | 17.00 | 55.00 | 70.0 | 80 | 4.5 |
| C2R-SL70-RK45AB | K | 45.0 | 120.0 | 15.0 | 70.0 | 18.00 | 71.00 | 70.0 | 80 | 6.0 |
| C2R-SL70-RL35AB | L | 35.0 | 90.0 | 14.0 | 70.0 | 18.00 | 61.00 | 70.0 | 80 | 6.5 |
| C2R-SL70-RL50AB | L | 50.0 | 105.0 | 14.0 | 70.0 | 18.00 | 81.00 | 70.0 | 80 | 6.5 |

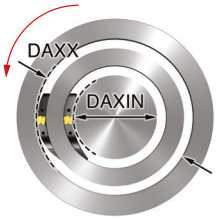
R = Right hand, L = Left hand

# CoroCut® 2, cutting head for face grooving

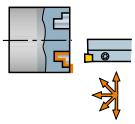
Screw clamp design. CoroTurn® SL - internal coolant supply





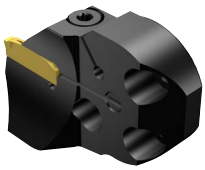

Metric (mm)

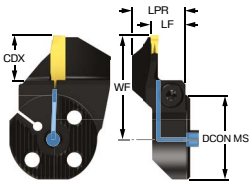
| | Ordering code | SSC | CDX [mm] | DAXIN [mm] | DAXX [mm] | OHX [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | HF [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | C2A-SL32-LGH18B-040GB | H | 18.0 | 40.0 | 60.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-LGH18B-052GB | H | 18.0 | 52.0 | 72.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-LGH18B-064GB | H | 18.0 | 64.0 | 100.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-LGH18B-092GB | H | 18.0 | 92.0 | 140.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-LGH18B-132GB | H | 18.0 | 132.0 | 230.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-LGH18B-220GB | H | 18.0 | 220.0 | 500.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-LGH18B-300GB | H | 18.0 | 300.0 | 800.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-LGJ18B-040GB | J | 18.0 | 40.0 | 70.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-LGJ18B-060GB | J | 18.0 | 60.0 | 95.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-LGJ18B-085GB | J | 18.0 | 85.0 | 130.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-LGJ18B-120GB | J | 18.0 | 120.0 | 180.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
|  | C2A-SL32-LGJ18B-175GB | J | 18.0 | 175.0 | 500.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-LGJ18B-180GB | J | 18.0 | 180.0 | 980.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-LGK18B-040GB | K | 18.0 | 40.0 | 70.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-LGK18B-058GB | K | 18.0 | 58.0 | 100.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-LGK18B-088GB | K | 18.0 | 88.0 | 180.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-LGK18B-168GB | K | 18.0 | 168.0 | 400.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-LGK18B-220GB | K | 18.0 | 220.0 | 1000.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL40-LGH18B-040GB | H | 18.0 | 40.0 | 60.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-LGH18B-052GB | H | 18.0 | 52.0 | 72.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-LGH18B-064GB | H | 18.0 | 64.0 | 100.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-LGH18B-092GB | H | 18.0 | 92.0 | 140.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-LGH18B-132GB | H | 18.0 | 132.0 | 230.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-LGH18B-220GB | H | 18.0 | 220.0 | 500.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-LGH18B-300GB | H | 18.0 | 300.0 | 800.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-LGJ18B-040GB | J | 18.0 | 40.0 | 70.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |

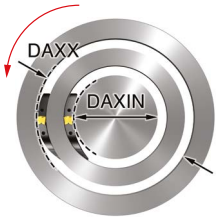
R = Right hand, L = Left hand

# CoroCut® 2, cutting head for face grooving

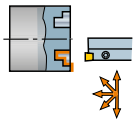
Screw clamp design. CoroTurn® SL - internal coolant supply





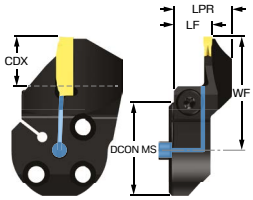

Metric (mm)

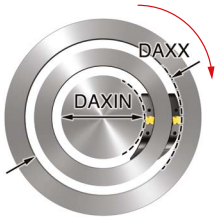
| | Ordering code | SSC | CDX [mm] | DAXIN [mm] | DAXX [mm] | OHX [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | HF [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2A-SL40-LGJ18B-060GB | J | 18.0 | 60.0 | 95.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-LGJ18B-085GB | J | 18.0 | 85.0 | 130.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-LGJ18B-120GB | J | 18.0 | 120.0 | 180.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-LGJ18B-175GB | J | 18.0 | 175.0 | 500.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-LGJ18B-180GB | J | 18.0 | 180.0 | 980.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-LGK18B-040GB | K | 18.0 | 40.0 | 70.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-LGK18B-058GB | K | 18.0 | 58.0 | 100.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-LGK18B-088GB | K | 18.0 | 88.0 | 180.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-LGK18B-168GB | K | 18.0 | 168.0 | 400.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-LGK18B-220GB | K | 18.0 | 220.0 | 1000.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |

R = Right hand, L = Left hand

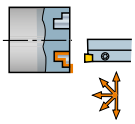
# CoroCut® 2, cutting head for face grooving

Screw clamp design. CoroTurn® SL - internal coolant supply



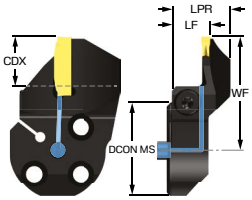

Metric (mm)

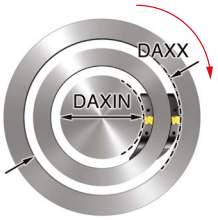
| | Ordering code | SSC | CDX [mm] | DAXIN [mm] | DAXX [mm] | OHX [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | HF [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | C2A-SL32-RGH18B-040GB | H | 18.0 | 40.0 | 60.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-RGH18B-052GB | H | 18.0 | 52.0 | 72.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-RGH18B-064GB | H | 18.0 | 64.0 | 100.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-RGH18B-092GB | H | 18.0 | 92.0 | 140.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-RGH18B-132GB | H | 18.0 | 132.0 | 230.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-RGH18B-220GB | H | 18.0 | 220.0 | 500.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-RGH18B-300GB | H | 18.0 | 300.0 | 800.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-RGJ18B-040GB | J | 18.0 | 40.0 | 70.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-RGJ18B-060GB | J | 18.0 | 60.0 | 95.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-RGJ18B-085GB | J | 18.0 | 85.0 | 130.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-RGJ18B-120GB | J | 18.0 | 120.0 | 180.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
|  | C2A-SL32-RGJ18B-175GB | J | 18.0 | 175.0 | 500.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-RGJ18B-180GB | J | 18.0 | 180.0 | 980.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-RGK18B-040GB | K | 18.0 | 40.0 | 70.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-RGK18B-058GB | K | 18.0 | 58.0 | 100.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-RGK18B-088GB | K | 18.0 | 88.0 | 180.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-RGK18B-168GB | K | 18.0 | 168.0 | 400.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL32-RGK18B-220GB | K | 18.0 | 220.0 | 1000.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| | C2A-SL40-RGH18B-040GB | H | 18.0 | 40.0 | 60.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGH18B-052GB | H | 18.0 | 52.0 | 72.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGH18B-064GB | H | 18.0 | 64.0 | 100.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGH18B-092GB | H | 18.0 | 92.0 | 140.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGH18B-132GB | H | 18.0 | 132.0 | 230.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGH18B-220GB | H | 18.0 | 220.0 | 500.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGH18B-300GB | H | 18.0 | 300.0 | 800.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGJ18B-040GB | J | 18.0 | 40.0 | 70.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |

R = Right hand, L = Left hand

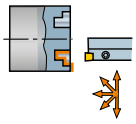
# CoroCut® 2, cutting head for face grooving

Screw clamp design. CoroTurn® SL - internal coolant supply



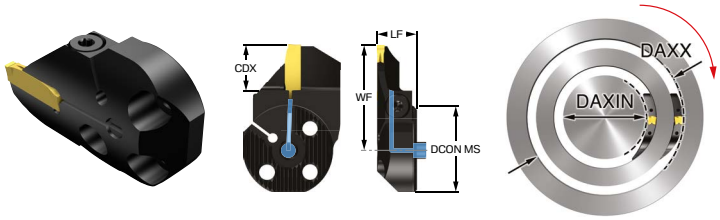

Metric (mm)

| | Ordering code | SSC | CDX [mm] | DAXIN [mm] | DAXX [mm] | OHX [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | HF [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2A-SL40-RGJ18B-060GB | J | 18.0 | 60.0 | 95.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGJ18B-085GB | J | 18.0 | 85.0 | 130.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGJ18B-120GB | J | 18.0 | 120.0 | 180.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGJ18B-175GB | J | 18.0 | 175.0 | 500.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGJ18B-180GB | J | 18.0 | 180.0 | 980.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGK18B-040GB | K | 18.0 | 40.0 | 70.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGK18B-058GB | K | 18.0 | 58.0 | 100.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGK18B-088GB | K | 18.0 | 88.0 | 180.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGK18B-168GB | K | 18.0 | 168.0 | 400.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGK18B-220GB | K | 18.0 | 220.0 | 1000.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |

R = Right hand, L = Left hand

# CoroCut® 2, cutting head for face grooving

Screw clamp design. CoroTurn® SL - internal coolant supply



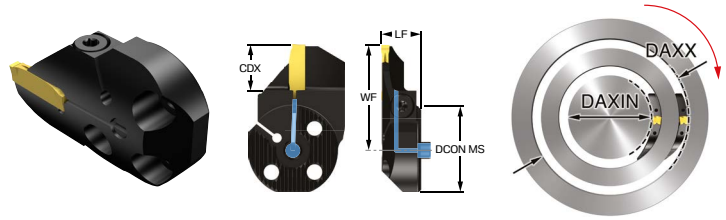

Metric (mm)

| Ordering code | SSC | CDX [mm] | DAXIN [mm] | DAXX [mm] | OHX [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | HF [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|---|---|
| C2A-SL32-LGH18A-040GB | H | 18.0 | 40.0 | 60.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-LGH18A-052GB | H | 18.0 | 52.0 | 72.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-LGH18A-064GB | H | 18.0 | 64.0 | 100.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-LGH18A-092GB | H | 18.0 | 92.0 | 140.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-LGH18A-132GB | H | 18.0 | 132.0 | 230.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-LGH18A-220GB | H | 18.0 | 220.0 | 500.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-LGH18A-300GB | H | 18.0 | 300.0 | 800.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-LGJ18A-040GB | J | 18.0 | 40.0 | 70.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-LGJ18A-060GB | J | 18.0 | 60.0 | 95.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-LGJ18A-085GB | J | 18.0 | 85.0 | 130.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-LGJ18A-120GB | J | 18.0 | 120.0 | 180.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-LGJ18A-175GB | J | 18.0 | 175.0 | 500.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-LGJ18A-180GB | J | 18.0 | 180.0 | 980.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-LGK18A-040GB | K | 18.0 | 40.0 | 70.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-LGK18A-058GB | K | 18.0 | 58.0 | 100.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-LGK18A-088GB | K | 18.0 | 88.0 | 180.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-LGK18A-220GB | K | 18.0 | 220.0 | 1000.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGK18A-040GB | K | 18.0 | 40.0 | 70.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGK18A-058GB | K | 18.0 | 58.0 | 100.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL40-LGH18A-040GB | H | 18.0 | 40.0 | 60.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-LGH18A-052GB | H | 18.0 | 52.0 | 72.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-LGH18A-064GB | H | 18.0 | 64.0 | 100.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-LGH18A-092GB | H | 18.0 | 92.0 | 140.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-LGH18A-132GB | H | 18.0 | 132.0 | 230.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-LGH18A-220GB | H | 18.0 | 220.0 | 500.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-LGH18A-300GB | H | 18.0 | 300.0 | 800.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |

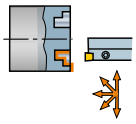
R = Right hand, L = Left hand

# CoroCut® 2, cutting head for face grooving

Screw clamp design. CoroTurn® SL - internal coolant supply




Metric (mm)

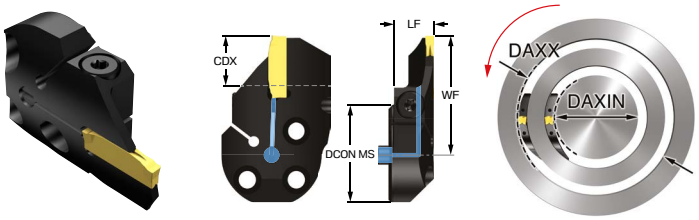


| Ordering code | SSC | CDX [mm] | DAXIN [mm] | DAXX [mm] | OHX [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | HF [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|---|---|
| C2A-SL40-LGJ18A-040GB | J | 18.0 | 40.0 | 70.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-LGJ18A-060GB | J | 18.0 | 60.0 | 95.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-LGJ18A-085GB | J | 18.0 | 85.0 | 130.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-LGJ18A-120GB | J | 18.0 | 120.0 | 180.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-LGJ18A-175GB | J | 18.0 | 175.0 | 500.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-LGJ18A-180GB | J | 18.0 | 180.0 | 980.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-LGK18A-058GB | K | 18.0 | 58.0 | 100.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-LGK18A-088GB | K | 18.0 | 88.0 | 180.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-LGK18A-168GB | K | 18.0 | 168.0 | 400.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-LGK18A-220GB | K | 18.0 | 220.0 | 1000.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |

R = Right hand, L = Left hand

# CoroCut® 2, cutting head for face grooving

Screw clamp design. CoroTurn® SL - internal coolant supply



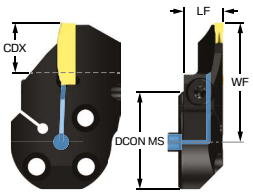

Metric (mm)

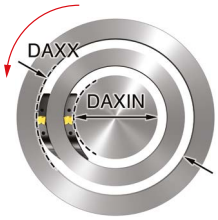
| Ordering code | SSC | CDX [mm] | DAXIN [mm] | DAXX [mm] | OHX [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | HF [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|---|---|
| C2A-SL32-LGK18A-168GB | K | 18.0 | 168.0 | 400.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGH18A-040GB | H | 18.0 | 40.0 | 60.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGH18A-052GB | H | 18.0 | 52.0 | 72.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGH18A-064GB | H | 18.0 | 64.0 | 100.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGH18A-092GB | H | 18.0 | 92.0 | 140.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGH18A-132GB | H | 18.0 | 132.0 | 230.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGH18A-220GB | H | 18.0 | 220.0 | 500.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGH18A-300GB | H | 18.0 | 300.0 | 800.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGJ18A-040GB | J | 18.0 | 40.0 | 70.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGJ18A-060GB | J | 18.0 | 60.0 | 95.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGJ18A-085GB | J | 18.0 | 85.0 | 130.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGJ18A-120GB | J | 18.0 | 120.0 | 180.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGJ18A-175GB | J | 18.0 | 175.0 | 500.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGJ18A-180GB | J | 18.0 | 180.0 | 980.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGK18A-088GB | K | 18.0 | 88.0 | 180.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGK18A-168GB | K | 18.0 | 168.0 | 400.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL32-RGK18A-220GB | K | 18.0 | 220.0 | 1000.0 | 18.0 | 32.00 | 18.00 | 41.10 | 0.1 | 150 |
| C2A-SL40-LGK18A-040GB | K | 18.0 | 40.0 | 70.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-RGH18A-040GB | H | 18.0 | 40.0 | 60.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-RGH18A-052GB | H | 18.0 | 52.0 | 72.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-RGH18A-064GB | H | 18.0 | 64.0 | 100.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-RGH18A-092GB | H | 18.0 | 92.0 | 140.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-RGH18A-132GB | H | 18.0 | 132.0 | 230.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-RGH18A-220GB | H | 18.0 | 220.0 | 500.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-RGH18A-300GB | H | 18.0 | 300.0 | 800.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| C2A-SL40-RGJ18A-040GB | J | 18.0 | 40.0 | 70.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |

R = Right hand, L = Left hand

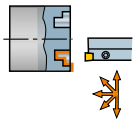
# CoroCut® 2, cutting head for face grooving

Screw clamp design. CoroTurn® SL - internal coolant supply



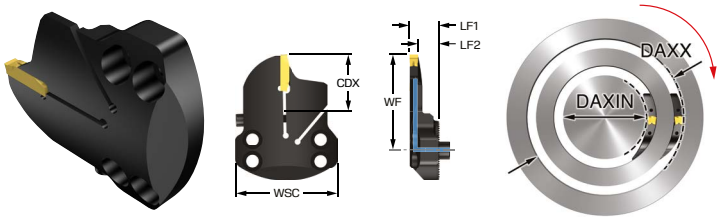

Metric (mm)

| | Ordering code | SSC | CDX [mm] | DAXIN [mm] | DAXX [mm] | OHX [mm] | $DCON_{MS}$ [mm] | LF [mm] | WF [mm] | HF [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2A-SL40-RGJ18A-060GB | J | 18.0 | 60.0 | 95.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGJ18A-085GB | J | 18.0 | 85.0 | 130.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGJ18A-120GB | J | 18.0 | 120.0 | 180.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGJ18A-175GB | J | 18.0 | 175.0 | 500.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGJ18A-180GB | J | 18.0 | 180.0 | 980.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGK18A-040GB | K | 18.0 | 40.0 | 70.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGK18A-058GB | K | 18.0 | 58.0 | 100.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGK18A-088GB | K | 18.0 | 88.0 | 180.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGK18A-168GB | K | 18.0 | 168.0 | 400.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |
| | C2A-SL40-RGK18A-220GB | K | 18.0 | 220.0 | 1000.0 | 18.0 | 40.00 | 18.00 | 45.10 | 0.1 | 150 |

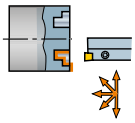
R = Right hand, L = Left hand

# CoroCut® 2, cutting head for face grooving

Screw clamp design. CoroTurn® SL70 - precision coolant supply



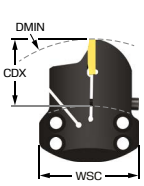

Metric (mm)

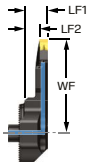
| | Ordering code | SSC | CDX [mm] | DAXIN [mm] | DAXX [mm] | OHX [mm] | LF [mm] | WF [mm] | HF [mm] | WSC [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2A-SL70-LGH40A-290AB | H | 40.0 | 290.0 | 500.0 | 15.0 | 17.00 | 66.00 | 0.1 | 70.0 | 80 |
| | C2A-SL70-LGJ40A-290AB | J | 40.0 | 290.0 | 500.0 | 15.0 | 17.50 | 66.00 | 0.1 | 70.0 | 80 |
| | C2A-SL70-LGK40A-168AB | K | 40.0 | 168.0 | 300.0 | 17.0 | 20.00 | 66.00 | 0.1 | 70.0 | 80 |
| | C2A-SL70-LGK40A-288AB | K | 40.0 | 288.0 | 500.0 | 15.0 | 18.00 | 66.00 | 0.1 | 70.0 | 80 |

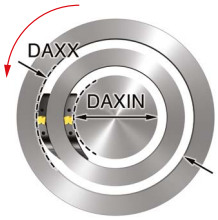
R = Right hand, L = Left hand

# CoroCut® 2, cutting head for face grooving

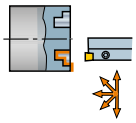
Screw clamp design. CoroTurn® SL70 - precision coolant supply



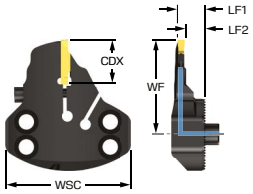

Metric (mm)

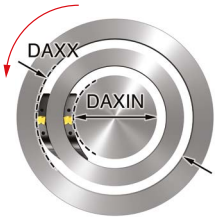
| | Ordering code | SSC | CDX [mm] | DAXIN [mm] | DAXX [mm] | OHX [mm] | LF [mm] | WF [mm] | HF [mm] | WSC [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2A-SL70-RGH40A-290AB | H | 40.0 | 290.0 | 500.0 | 15.0 | 17.00 | 66.00 | 0.1 | 70.0 | 80 |
| | C2A-SL70-RGJ40A-290AB | J | 40.0 | 290.0 | 500.0 | 15.0 | 17.50 | 66.00 | 0.1 | 70.0 | 80 |
| | C2A-SL70-RGK40A-168AB | K | 40.0 | 168.0 | 300.0 | 17.0 | 20.00 | 66.00 | 0.1 | 70.0 | 80 |
| | C2A-SL70-RGK40A-288AB | K | 40.0 | 288.0 | 500.0 | 15.0 | 18.00 | 66.00 | 0.1 | 70.0 | 80 |

R = Right hand, L = Left hand

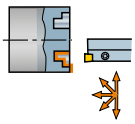
# CoroCut® 2, cutting head for face grooving

Screw clamp design. CoroTurn® SL70 - precision coolant supply




Metric (mm)

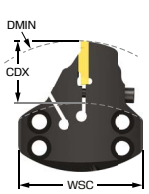


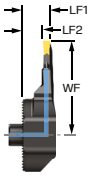
| Ordering code | SSC | CDX [mm] | DAXIN [mm] | DAXX [mm] | OHX [mm] | LF [mm] | WF [mm] | HF [mm] | WSC [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|---|---|
| C2A-SL70-LGH15B-080AB | H | 15.0 | 80.0 | 130.0 | 13.0 | 15.00 | 53.00 | 0.1 | 70.0 | 80 |
| C2A-SL70-LGH15B-120AB | H | 15.0 | 120.0 | 200.0 | 13.0 | 15.00 | 53.00 | 0.1 | 70.0 | 80 |
| C2A-SL70-LGH15B-190AB | H | 15.0 | 190.0 | 300.0 | 13.0 | 15.00 | 53.00 | 0.1 | 70.0 | 80 |
| C2A-SL70-LGH40B-290AB | H | 40.0 | 290.0 | 500.0 | 15.0 | 17.00 | 66.00 | 0.1 | 70.0 | 80 |
| C2A-SL70-LGJ40B-290AB | J | 40.0 | 290.0 | 500.0 | 15.0 | 17.50 | 66.00 | 0.1 | 70.0 | 80 |
| C2A-SL70-LGK40B-168AB | K | 40.0 | 168.0 | 300.0 | 15.0 | 18.00 | 66.00 | 0.1 | 70.0 | 80 |
| C2A-SL70-LGK40B-288AB | K | 40.0 | 288.0 | 500.0 | 15.0 | 18.00 | 66.00 | 0.1 | 70.0 | 80 |

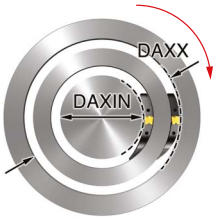
R = Right hand, L = Left hand

# CoroCut® 2, cutting head for face grooving

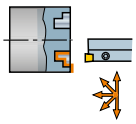
Screw clamp design. CoroTurn® SL70 - precision coolant supply




Metric (mm)

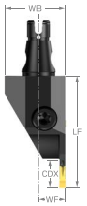


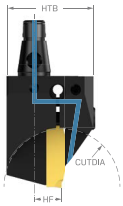
| Ordering code | SSC | CDX [mm] | DAXIN [mm] | DAXX [mm] | OHX [mm] | LF [mm] | WF [mm] | HF [mm] | WSC [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|---|---|
| C2A-SL70-RGH15B-080AB | H | 15.0 | 80.0 | 130.0 | 13.0 | 15.00 | 53.00 | 0.1 | 70.0 | 80 |
| C2A-SL70-RGH15B-120AB | H | 15.0 | 120.0 | 200.0 | 13.0 | 15.00 | 53.00 | 0.1 | 70.0 | 80 |
| C2A-SL70-RGH15B-190AB | H | 15.0 | 190.0 | 300.0 | 13.0 | 15.00 | 53.00 | 0.1 | 70.0 | 80 |
| C2A-SL70-RGH40B-290AB | H | 40.0 | 290.0 | 500.0 | 15.0 | 17.00 | 66.00 | 0.1 | 70.0 | 80 |
| C2A-SL70-RGJ40B-290AB | J | 40.0 | 290.0 | 500.0 | 15.0 | 17.50 | 66.00 | 0.1 | 70.0 | 80 |
| C2A-SL70-RGK40B-168AB | K | 40.0 | 168.0 | 300.0 | 15.0 | 18.00 | 66.00 | 0.1 | 70.0 | 80 |
| C2A-SL70-RGK40B-288AB | K | 40.0 | 288.0 | 500.0 | 15.0 | 18.00 | 66.00 | 0.1 | 70.0 | 80 |

R = Right hand, L = Left hand

# CoroCut® 2, QS™ Micro cutting head for parting and grooving

Precision coolant supply



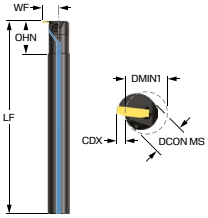

Metric (mm)

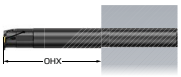
| Ordering code | SSC | CDX [mm] | OHX [mm] | WB [mm] | LF [mm] | WF [mm] | HF [mm] | CP [bar] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|
| C2R-QSM12-LE15AD | E | 15.0 | 32.0 | 16.0 | 32.00 | 6.00 | 6.0 | 150 | 2.5 |
| C2R-QSM12-LF15AD | F | 15.0 | 28.0 | 16.0 | 28.00 | 6.00 | 6.0 | 150 | 2.5 |
| C2R-QSM12-RE15AD | E | 15.0 | 32.0 | 16.0 | 32.00 | 6.00 | 6.0 | 150 | 2.5 |
| C2R-QSM12-RF15AD | F | 15.0 | 28.0 | 16.0 | 28.00 | 6.00 | 6.0 | 150 | 2.5 |
| C2R-QSM16-LE17AD | E | 17.0 | 33.0 | 18.0 | 33.00 | 8.00 | 8.0 | 150 | 2.5 |
| C2R-QSM16-LG17AD | G | 17.0 | 32.0 | 18.0 | 32.00 | 8.00 | 8.0 | 150 | 2.5 |
| C2R-QSM16-RE17AD | E | 17.0 | 33.0 | 18.0 | 33.00 | 8.00 | 8.0 | 150 | 2.5 |
| C2R-QSM16-RG17AD | G | 17.0 | 32.0 | 18.0 | 32.00 | 8.00 | 8.0 | 150 | 2.5 |

R = Right hand, L = Left hand

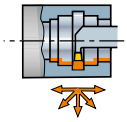
# CoroCut® 2, boring bar for internal grooving

Screw clamp design



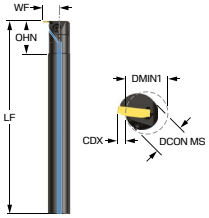

Metric (mm)

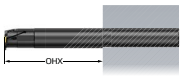
| | Ordering code | SSC | CDX [mm] | $DMIN_1$ [mm] | OHX [mm] | OHN [mm] | $DCON_{MS}$ [mm] | BD [mm] | LF [mm] | WF [mm] | CP [bar] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2R-CE16-LD04GB | D | 4.5 | 25.0 | 64.0 | 25.0 | 16.00 | | 150.00 | 12.50 | 150 | 3.0 |
| | C2R-CE16-RD04GB | D | 4.5 | 25.0 | 64.0 | 25.0 | 16.00 | | 150.00 | 12.50 | 150 | 3.0 |
| | C2R-CE20-LD05GB | D | 5.0 | 32.0 | 80.0 | 30.0 | 20.00 | | 180.00 | 15.25 | 150 | 3.0 |
| | C2R-CE20-LE05GB | E | 5.0 | 32.0 | 80.0 | 30.0 | 20.00 | | 180.00 | 15.25 | 150 | 3.5 |
| | C2R-CE20-LG06GB | G | 6.0 | 32.0 | 80.0 | 30.0 | 20.00 | | 180.00 | 15.25 | 150 | 4.0 |
| | C2R-CE20-RD05GB | D | 5.0 | 32.0 | 80.0 | 30.0 | 20.00 | | 180.00 | 15.25 | 150 | 3.0 |
| | C2R-CE20-RE05GB | E | 5.0 | 32.0 | 80.0 | 30.0 | 20.00 | | 180.00 | 15.25 | 150 | 3.5 |
| | C2R-CE20-RG06GB | G | 6.0 | 32.0 | 80.0 | 30.0 | 20.00 | | 180.00 | 15.25 | 150 | 4.0 |
| | C2R-CE25-LE07GB | E | 7.0 | 32.0 | 100.0 | 35.0 | 25.00 | 25.0 | 200.00 | 19.75 | 150 | 3.5 |
| | C2R-CE25-LG07GB | G | 7.0 | 32.0 | 100.0 | 35.0 | 25.00 | 25.0 | 200.00 | 19.75 | 150 | 4.0 |
| | C2R-CE25-LH07GB | H | 7.0 | 32.0 | 100.0 | 35.0 | 25.00 | 25.0 | 200.00 | 19.25 | 150 | 4.5 |
| | C2R-CE25-LJ08GB | J | 8.0 | 32.0 | 100.0 | 35.0 | 25.00 | 25.0 | 200.00 | 19.75 | 150 | 5.0 |
| | C2R-CE25-RE07GB | E | 7.0 | 32.0 | 100.0 | 35.0 | 25.00 | 25.0 | 200.00 | 19.75 | 150 | 3.5 |
| | C2R-CE25-RG07GB | G | 7.0 | 32.0 | 100.0 | 35.0 | 25.00 | 25.0 | 200.00 | 19.75 | 150 | 4.0 |
| | C2R-CE25-RH07GB | H | 7.0 | 32.0 | 100.0 | 35.0 | 25.00 | 25.0 | 200.00 | 19.25 | 150 | 4.5 |
| | C2R-CE25-RJ08GB | J | 8.0 | 32.0 | 100.0 | 35.0 | 25.00 | 25.0 | 200.00 | 19.75 | 150 | 5.0 |

R = Right hand, L = Left hand

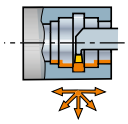
# CoroCut® 2, boring bar for internal grooving

Screw clamp design



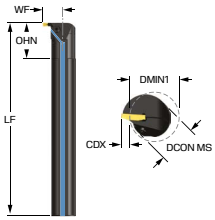

Imperial (inch)

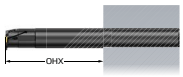
| | Ordering code | SSC | CDX [inch] | $DMIN_1$ [inch] | OHX [inch] | OHN [inch] | $DCON_{MS}$ [inch] | BD [inch] | LF [inch] | WF [inch] | CP [lbf/in2] | TQ [ft] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2R-CEA10-LD04GB | D | 0.177 | 0.98 | 2.500 | 0.984 | 0.625 | | 5.905 | 0.492 | 2176 | 2.2 |
| | C2R-CEA10-RD04GB | D | 0.177 | 0.98 | 2.500 | 0.984 | 0.625 | | 5.905 | 0.492 | 2176 | 2.2 |
| | C2R-CEA12-LD05GB | D | 0.197 | 1.26 | 3.000 | 1.181 | 0.750 | | 7.087 | 0.591 | 2176 | 2.2 |
| | C2R-CEA12-LE05GB | E | 0.197 | 1.26 | 3.000 | 1.181 | 0.750 | | 7.087 | 0.591 | 2176 | 2.6 |
| | C2R-CEA12-LG06GB | G | 0.236 | 1.26 | 3.000 | 1.181 | 0.750 | | 7.087 | 0.600 | 2176 | 3.0 |
| | C2R-CEA12-RD05GB | D | 0.197 | 1.26 | 3.000 | 1.181 | 0.750 | | 7.087 | 0.591 | 2176 | 2.2 |
| | C2R-CEA12-RE05GB | E | 0.197 | 1.26 | 3.000 | 1.181 | 0.750 | | 7.087 | 0.591 | 2176 | 2.6 |
| | C2R-CEA12-RG06GB | G | 0.236 | 1.26 | 3.000 | 1.181 | 0.750 | | 7.087 | 0.600 | 2176 | 3.0 |
| | C2R-CEA16-LE07GB | E | 0.280 | 1.26 | 4.000 | 1.378 | 1.000 | 1.000 | 7.874 | 0.785 | 2176 | 2.6 |
| | C2R-CEA16-LG07GB | G | 0.276 | 1.26 | 4.000 | 1.378 | 1.000 | 1.000 | 7.874 | 0.778 | 2176 | 3.0 |
| | C2R-CEA16-LH07GB | H | 0.276 | 1.26 | 4.000 | 1.378 | 1.000 | 1.000 | 7.874 | 0.758 | 2176 | 3.3 |
| | C2R-CEA16-LJ08GB | J | 0.315 | 1.26 | 4.000 | 1.378 | 1.000 | 1.000 | 7.874 | 0.778 | 2176 | 3.7 |
| | C2R-CEA16-RE07GB | E | 0.280 | 1.26 | 4.000 | 1.378 | 1.000 | 1.000 | 7.874 | 0.785 | 2176 | 2.6 |
| | C2R-CEA16-RG07GB | G | 0.276 | 1.26 | 4.000 | 1.378 | 1.000 | 1.000 | 7.874 | 0.778 | 2176 | 3.0 |
| | C2R-CEA16-RH07GB | H | 0.276 | 1.26 | 4.000 | 1.378 | 1.000 | 1.000 | 7.874 | 0.758 | 2176 | 3.3 |
| | C2R-CEA16-RJ08GB | J | 0.315 | 1.26 | 4.000 | 1.378 | 1.000 | 1.000 | 7.874 | 0.778 | 2176 | 3.7 |

R = Right hand, L = Left hand

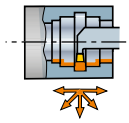
# CoroCut® 2, boring bar for internal grooving

Screw clamp design



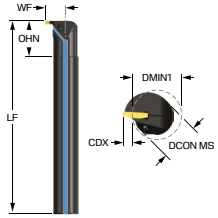

Metric (mm)

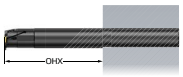
| | Ordering code | SSC | CDX [mm] | $DMIN_1$ [mm] | OHX [mm] | OHN [mm] | $DCON_{MS}$ [mm] | H [mm] | BD [mm] | LF [mm] | WF [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C2R-CF32-LE09GB | E | 9.5 | 40.0 | 128.0 | 45.0 | 32.00 | 30.00 | 32.0 | 250.00 | 25.50 | 150 |
| | C2R-CF32-LG09GB | G | 9.0 | 40.0 | 128.0 | 45.0 | 32.00 | 30.00 | 32.0 | 250.00 | 25.25 | 150 |
| | C2R-CF32-LH10GB | H | 10.0 | 40.0 | 128.0 | 45.0 | 32.00 | 30.00 | 32.0 | 250.00 | 26.50 | 150 |
| | C2R-CF32-LJ11GB | J | 11.0 | 40.0 | 128.0 | 45.0 | 32.00 | 30.00 | 32.0 | 250.00 | 27.00 | 150 |
| | C2R-CF32-RE09GB | E | 9.5 | 40.0 | 128.0 | 45.0 | 32.00 | 30.00 | 32.0 | 250.00 | 25.50 | 150 |
| | C2R-CF32-RG09GB | G | 9.0 | 40.0 | 128.0 | 45.0 | 32.00 | 30.00 | 32.0 | 250.00 | 25.25 | 150 |
| | C2R-CF32-RH10GB | H | 10.0 | 40.0 | 128.0 | 45.0 | 32.00 | 30.00 | 32.0 | 250.00 | 26.50 | 150 |
| | C2R-CF32-RJ11GB | J | 11.0 | 40.0 | 128.0 | 45.0 | 32.00 | 30.00 | 32.0 | 250.00 | 27.00 | 150 |
| | C2R-CF40-LG11GB | G | 11.0 | 50.0 | 160.0 | 55.0 | 40.00 | 37.00 | 40.0 | 300.00 | 31.00 | 150 |
|  | C2R-CF40-LH11GB | H | 11.0 | 50.0 | 160.0 | 55.0 | 40.00 | 37.00 | 40.0 | 300.00 | 31.00 | 150 |
| | C2R-CF40-LJ11GB | J | 11.0 | 50.0 | 160.0 | 55.0 | 40.00 | 37.00 | 40.0 | 300.00 | 31.00 | 150 |
| | C2R-CF40-LK11GB | K | 11.0 | 50.0 | 160.0 | 55.0 | 40.00 | 37.00 | 40.0 | 300.00 | 31.00 | 150 |
| | C2R-CF40-RG11GB | G | 11.0 | 50.0 | 160.0 | 55.0 | 40.00 | 37.00 | 40.0 | 300.00 | 31.00 | 150 |
| | C2R-CF40-RH11GB | H | 11.0 | 50.0 | 160.0 | 55.0 | 40.00 | 37.00 | 40.0 | 300.00 | 31.00 | 150 |
| | C2R-CF40-RJ11GB | J | 11.0 | 50.0 | 160.0 | 55.0 | 40.00 | 37.00 | 40.0 | 300.00 | 31.00 | 150 |
| | C2R-CF40-RK11GB | K | 11.0 | 50.0 | 160.0 | 55.0 | 40.00 | 37.00 | 40.0 | 300.00 | 31.00 | 150 |
| | C2R-CF50-LH13GB | H | 13.0 | 60.0 | 200.0 | 65.0 | 50.00 | 47.00 | | 350.00 | 38.25 | 150 |
| | C2R-CF50-LJ13GB | J | 13.0 | 60.0 | 200.0 | 65.0 | 50.00 | 47.00 | | 350.00 | 38.25 | 150 |
| | C2R-CF50-LK13GB | K | 13.0 | 60.0 | 200.0 | 65.0 | 50.00 | 47.00 | | 350.00 | 38.25 | 150 |
| | C2R-CF50-RH13GB | H | 13.0 | 60.0 | 200.0 | 65.0 | 50.00 | 47.00 | | 350.00 | 38.25 | 150 |
| | C2R-CF50-RJ13GB | J | 13.0 | 60.0 | 200.0 | 65.0 | 50.00 | 47.00 | | 350.00 | 38.25 | 150 |
| | C2R-CF50-RK13GB | K | 13.0 | 60.0 | 200.0 | 65.0 | 50.00 | 47.00 | | 350.00 | 38.25 | 150 |

R = Right hand, L = Left hand

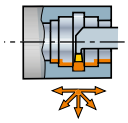
# CoroCut® 2, boring bar for internal grooving

Screw clamp design



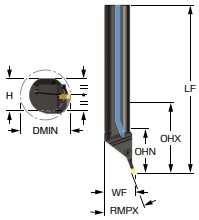

Imperial (inch)

| | Ordering code | SSC | CDX [inch] | $DMIN_1$ [inch] | OHX [inch] | OHN [inch] | $DCON_{MS}$ [inch] | H [inch] | BD [inch] | LF [inch] | WF [inch] | CP [lbf/in2] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | C2R-CFA20-LE09GB | E | 0.374 | 1.57 | 5.000 | 1.772 | 1.250 | 1.181 | 1.250 | 9.842 | 1.014 | 2176 |
| | C2R-CFA20-LG09GB | G | 0.354 | 1.57 | 5.000 | 1.772 | 1.250 | 1.181 | 1.250 | 9.842 | 1.014 | 2176 |
| | C2R-CFA20-LH10GB | H | 0.394 | 1.57 | 5.000 | 1.772 | 1.250 | 1.181 | 1.250 | 9.842 | 1.053 | 2176 |
| | C2R-CFA20-LJ11GB | J | 0.433 | 1.57 | 5.000 | 1.772 | 1.250 | 1.181 | 1.250 | 9.842 | 1.073 | 2176 |
| | C2R-CFA20-RE09GB | E | 0.374 | 1.57 | 5.000 | 1.772 | 1.250 | 1.181 | 1.250 | 9.842 | 1.014 | 2176 |
| | C2R-CFA20-RG09GB | G | 0.354 | 1.57 | 5.000 | 1.772 | 1.250 | 1.181 | 1.250 | 9.842 | 1.014 | 2176 |
| | C2R-CFA20-RH10GB | H | 0.394 | 1.57 | 5.000 | 1.772 | 1.250 | 1.181 | 1.250 | 9.842 | 1.053 | 2176 |
| | C2R-CFA20-RJ11GB | J | 0.433 | 1.57 | 5.000 | 1.772 | 1.250 | 1.181 | 1.250 | 9.842 | 1.073 | 2176 |
| | C2R-CFA24-LG11GB | G | 0.430 | 1.97 | 6.000 | 2.165 | 1.500 | 1.374 | 1.500 | 11.811 | 1.189 | 2176 |
|  | C2R-CFA24-LH11GB | H | 0.430 | 1.97 | 6.000 | 2.165 | 1.500 | 1.374 | 1.500 | 11.811 | 1.220 | 2176 |
| | C2R-CFA24-LJ11GB | J | 0.433 | 1.97 | 6.000 | 2.165 | 1.500 | 1.374 | 1.500 | 11.811 | 1.189 | 2176 |
| | C2R-CFA24-LK11GB | K | 0.430 | 1.97 | 6.000 | 2.165 | 1.500 | 1.374 | 1.500 | 11.811 | 1.189 | 2176 |
| | C2R-CFA24-RG11GB | G | 0.430 | 1.97 | 6.000 | 2.165 | 1.500 | 1.374 | 1.500 | 11.811 | 1.189 | 2176 |
| | C2R-CFA24-RH11GB | H | 0.430 | 1.97 | 6.000 | 2.165 | 1.500 | 1.374 | 1.500 | 11.811 | 1.220 | 2176 |
| | C2R-CFA24-RJ11GB | J | 0.433 | 1.97 | 6.000 | 2.165 | 1.500 | 1.374 | 1.500 | 11.811 | 1.189 | 2176 |
| | C2R-CFA24-RK11GB | K | 0.430 | 1.97 | 6.000 | 2.165 | 1.500 | 1.374 | 1.500 | 11.811 | 1.189 | 2176 |
| | C2R-CFA32-LH13GB | H | 0.512 | 2.36 | 8.000 | 2.559 | 2.000 | 1.874 | | 13.780 | 1.506 | 2176 |
| | C2R-CFA32-LJ13GB | J | 0.512 | 2.36 | 8.000 | 2.559 | 2.000 | 1.874 | | 13.780 | 1.524 | 2176 |
| | C2R-CFA32-LK13GB | K | 0.512 | 2.36 | 8.000 | 2.559 | 2.000 | 1.874 | | 13.780 | 1.524 | 2176 |
| | C2R-CFA32-RH13GB | H | 0.512 | 2.36 | 8.000 | 2.559 | 2.000 | 1.874 | | 13.780 | 1.506 | 2176 |
| | C2R-CFA32-RJ13GB | J | 0.512 | 2.36 | 8.000 | 2.559 | 2.000 | 1.874 | | 13.780 | 1.524 | 2176 |
| | C2R-CFA32-RK13GB | K | 0.512 | 2.36 | 8.000 | 2.559 | 2.000 | 1.874 | | 13.780 | 1.524 | 2176 |

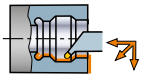
R = Right hand, L = Left hand

# CoroCut® 2, boring bar for profiling

Screw clamp design

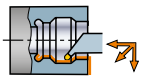



Metric (mm)

| | Ordering code | SSC | CDX [mm] | $DMIN_1$ [mm] | RMPX [deg] | OHX [mm] | OHN [mm] | $DCON_{MS}$ [mm] | H [mm] | BD [mm] | LF [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2T-CF40-LX20J25GB | J | 25.0 | 63.5 | 20.00 | 160.0 | 55.0 | 40.00 | 37.00 | 40.0 | 254.00 |
| | C2T-CF40-LX20L25GB | L | 25.0 | 63.5 | 20.00 | 160.0 | 55.0 | 40.00 | 37.00 | 40.0 | 254.00 |
| | C2T-CF40-RX20J25GB | J | 25.0 | 63.5 | 20.00 | 160.0 | 55.0 | 40.00 | 37.00 | 40.0 | 254.00 |
| | C2T-CF40-RX20L25GB | L | 25.0 | 63.5 | 20.00 | 160.0 | 55.0 | 40.00 | 37.00 | 40.0 | 254.00 |

R = Right hand, L = Left hand

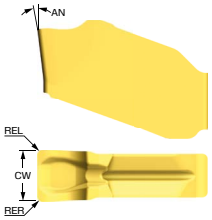
Imperial (inch)

| | Ordering code | SSC | CDX [inch] | $DMIN_1$ [inch] | RMPX [deg] | OHX [inch] | OHN [inch] | $DCON_{MS}$ [inch] | H [inch] | BD [inch] | LF [inch] |
|---|---|---|---|---|---|---|---|---|---|---|---|
|  | C2T-CFA24-LX20J25GB | J | 0.984 | 2.52 | 20.00 | 6.000 | 2.165 | 1.500 | 1.374 | 1.500 | 10.000 |
| | C2T-CFA24-LX20L25GB | L | 0.984 | 2.52 | 20.00 | 6.000 | 2.165 | 1.500 | 1.374 | 1.500 | 10.000 |
| | C2T-CFA24-RX20J25GB | J | 0.984 | 2.52 | 20.00 | 6.000 | 2.165 | 1.500 | 1.374 | 1.500 | 10.000 |
| | C2T-CFA24-RX20L25GB | L | 0.984 | 2.52 | 20.00 | 6.000 | 2.165 | 1.500 | 1.374 | 1.500 | 10.000 |

R = Right hand, L = Left hand

# CoroCut® QD, insert for parting

Neutral version

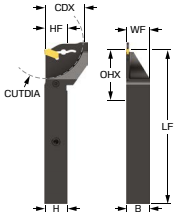



Metric (mm)

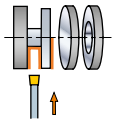
| | | P | | | | S | | | | K | | | | M | | | | N | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **1225** | **1135** | **1145** | **4425** | **1225** | **1135** | **1145** | **H13A** | **1225** | **1135** | **H13A** | **4425** | **1225** | **1135** | **1145** | **H13A** | **1225** | **H13A** | **SSC** | **CW [mm]** | **REL [mm]** | **RER [mm]** | **AN [deg]** |
| **Roughing** | QD-NE-0200-0003-CH | ● | ○ | ○ | | ○ | ○ | ● | | ● | ○ | | | ○ | ● | ○ | | ● | | E | 2.00 | 0.30 | 0.30 | 7.0 |
| | QD-NF-0250-0003-CH | ● | ○ | ○ | | ○ | ○ | ● | | ● | ○ | | | ○ | ● | ○ | | ● | | F | 2.50 | 0.30 | 0.30 | 7.0 |
| | QD-NG-0300-0003-CH | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ● | ○ | ● | ○ | ○ | ○ | ● | G | 3.00 | 0.30 | 0.30 | 7.0 |
| | QD-NH-0400-0003-CH | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ● | ○ | ● | ○ | ○ | ○ | ● | H | 4.00 | 0.30 | 0.30 | 7.0 |

● = First choice ○ = Good choice

# CoroCut® QD, shank tool for Y-axis parting

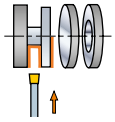



Metric (mm)

| | Ordering code | SSC | CDX [mm] | OHX [mm] | B [mm] | H [mm] | LF [mm] | WF [mm] | HF [mm] |
|---|---|---|---|---|---|---|---|---|---|
|  | QD-LFE20C1616D-Y1 | E | 20.0 | 41.0 | 16.00 | 16.00 | 110.00 | 15.90 | 16.0 |
| | QD-LFE20C2020D-Y1 | E | 20.0 | 45.0 | 20.00 | 20.00 | 125.00 | 19.90 | 20.0 |
| | QD-LFE26C2020D-Y1 | E | 26.0 | 45.0 | 20.00 | 20.00 | 125.00 | 19.90 | 20.0 |
| | QD-LFF20C2020D-Y1 | F | 20.0 | 45.0 | 20.00 | 20.00 | 125.00 | 19.90 | 20.0 |
| | QD-RFE20C1616D-Y1 | E | 20.0 | 41.0 | 16.00 | 16.00 | 110.00 | 15.90 | 16.0 |
| | QD-RFE20C2020D-Y1 | E | 20.0 | 45.0 | 20.00 | 20.00 | 125.00 | 19.90 | 20.0 |
| | QD-RFE26C2020D-Y1 | E | 26.0 | 45.0 | 20.00 | 20.00 | 125.00 | 19.90 | 20.0 |
| | QD-RFF20C2020D-Y1 | F | 20.0 | 45.0 | 20.00 | 20.00 | 125.00 | 19.90 | 20.0 |

R = Right hand, L = Left hand

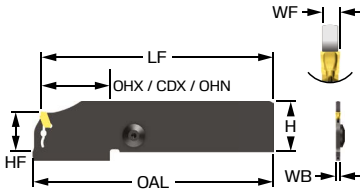
Imperial (inch)

| | Ordering code | SSC | CDX [inch] | OHX [inch] | B [inch] | H [inch] | LF [inch] | WF [inch] | HF [inch] |
|---|---|---|---|---|---|---|---|---|---|
|  | QD-LFE0800C10D-Y1 | E | 0.787 | 1.609 | 0.625 | 0.625 | 4.500 | 0.621 | 0.625 |
| | QD-LFE0800C12D-Y1 | E | 0.787 | 1.734 | 0.750 | 0.750 | 5.000 | 0.746 | 0.750 |
| | QD-LFE1000C12D-Y1 | E | 1.000 | 1.734 | 0.750 | 0.750 | 5.000 | 0.746 | 0.750 |
| | QD-LFF0800C12D-Y1 | F | 0.787 | 1.734 | 0.750 | 0.750 | 5.000 | 0.746 | 0.750 |
| | QD-RFE0800C10D-Y1 | E | 0.787 | 1.609 | 0.625 | 0.625 | 4.500 | 0.621 | 0.625 |
| | QD-RFE0800C12D-Y1 | E | 0.787 | 1.734 | 0.750 | 0.750 | 5.000 | 0.746 | 0.750 |
| | QD-RFE1000C12D-Y1 | E | 1.000 | 1.734 | 0.750 | 0.750 | 5.000 | 0.746 | 0.750 |
| | QD-RFF0800C12D-Y1 | F | 0.787 | 1.734 | 0.750 | 0.750 | 5.000 | 0.746 | 0.750 |

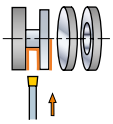
R = Right hand, L = Left hand

# CoroCut® QD, blade for Y-axis parting

Spring clamp design



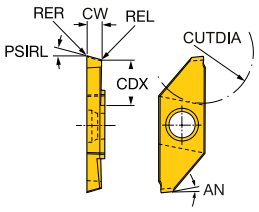

Metric (mm)

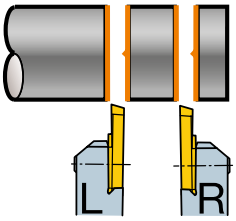
| | Ordering code | SSC | CDX [mm] | OHX [mm] | H [mm] | LF [mm] | WF [mm] | HF [mm] |
|---|---|---|---|---|---|---|---|---|
|  | QD-NN1G36C21AY1 | G | 36.0 | 44.5 | 25.90 | 115.00 | 2.67 | 21.4 |
| | QD-NN1G45C21AY1 | G | 45.0 | 53.5 | 25.90 | 115.00 | 2.67 | 21.4 |
| | QD-NN1G45C25AY1 | G | 45.0 | 53.5 | 31.90 | 145.00 | 2.67 | 25.0 |
| | QD-NN1G60C25AY1 | G | 60.0 | 68.8 | 31.90 | 145.00 | 2.67 | 25.0 |
| | QD-NN1H45C25AY1 | H | 45.0 | 53.5 | 31.90 | 145.00 | 3.67 | 25.0 |
| | QD-NN1H60C25AY1 | H | 60.0 | 68.5 | 31.90 | 145.00 | 3.67 | 25.0 |
| | QD-NN1J60C25AY1 | J | 60.0 | 69.0 | 31.90 | 144.50 | 4.68 | 25.0 |
| | QD-NN1K60C25AY1 | K | 60.0 | 69.0 | 31.90 | 144.50 | 5.68 | 25.0 |
| | QD-NR1E36C21AY1 | E | 36.0 | 44.5 | 25.90 | 115.00 | 1.75 | 21.4 |
| | QD-NR1E45C21AY1 | E | 45.0 | 53.5 | 25.90 | 115.00 | 1.75 | 21.4 |
| | QD-NR1E45C25AY1 | E | 45.0 | 53.5 | 31.90 | 145.00 | 1.75 | 25.0 |
| | QD-NR1E60C25AY1 | E | 60.0 | 68.5 | 31.90 | 145.00 | 1.75 | 25.0 |
| | QD-NR1F36C21AY1 | F | 36.0 | 44.5 | 25.90 | 115.00 | 2.25 | 21.4 |
| | QD-NR1F45C21AY1 | F | 45.0 | 53.5 | 25.90 | 115.00 | 2.25 | 21.4 |
| | QD-NR1F45C25AY1 | F | 45.0 | 53.5 | 31.90 | 145.00 | 2.25 | 25.0 |
| | QD-NR1F60C25AY1 | F | 60.0 | 68.5 | 31.90 | 145.00 | 2.25 | 25.0 |

SSC = To correspond with SSC on insert

# CoroCut® XS, insert for parting

R = Right hand, L = Left hand



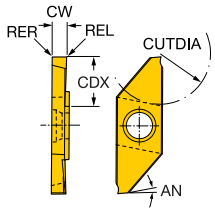

Metric (mm)

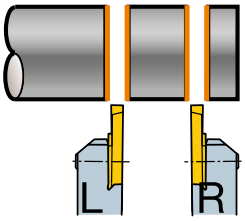
| | | S | M | N | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **1205** | **1205** | **1205** | **SSC** | **CW [mm]** | **REL [mm]** | **RER [mm]** | **PSIRL [deg]** | **AN [deg]** |
| **Finishing** | MACL 3 070-L | ● | ● | ● | 3 | 0.70 | 0.05 | 0.05 | 15.0 | 6.0 |
| | MACL 3 100-L | ● | ● | ● | 3 | 1.00 | 0.05 | 0.05 | 15.0 | 6.0 |
| | MACL 3 150-L | ● | ● | ● | 3 | 1.50 | 0.05 | 0.05 | 15.0 | 6.0 |
| | MACL 3 200-L | ● | ● | ● | 3 | 2.00 | 0.05 | 0.05 | 15.0 | 6.0 |
| | MACR 3 070-L | ● | ● | ● | 3 | 0.70 | 0.05 | 0.05 | 15.0 | 6.0 |
| | MACR 3 100-L | ● | ● | ● | 3 | 1.00 | 0.05 | 0.05 | 15.0 | 6.0 |
| | MACR 3 150-L | ● | ● | ● | 3 | 1.50 | 0.05 | 0.05 | 15.0 | 6.0 |
| | MACR 3 200-L | ● | ● | ● | 3 | 2.00 | 0.05 | 0.05 | 15.0 | 6.0 |

● = First choice ○ = Good choice

# CoroCut® XS, insert for parting

R = Right hand, L = Left hand



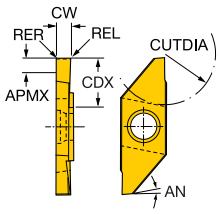

Metric (mm)

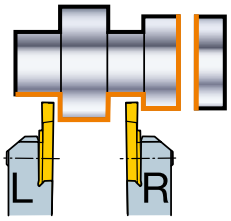
| | | S | M | N | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **1205** | **1205** | **1205** | **SSC** | **CW [mm]** | **REL [mm]** | **RER [mm]** | **AN [deg]** |
| **Finishing** | MACL 3 070-N | ● | ● | ● | 3 | 0.70 | 0.05 | 0.05 | 6.0 |
| | MACL 3 100-N | ● | ● | ● | 3 | 1.00 | 0.05 | 0.05 | 6.0 |
| | MACL 3 150-N | ● | ● | ● | 3 | 1.50 | 0.05 | 0.05 | 6.0 |
| | MACL 3 200-N | ● | ● | ● | 3 | 2.00 | 0.05 | 0.05 | 6.0 |
| | MACR 3 070-N | ● | ● | ● | 3 | 0.70 | 0.05 | 0.05 | 6.0 |
| | MACR 3 100-N | ● | ● | ● | 3 | 1.00 | 0.05 | 0.05 | 6.0 |
| | MACR 3 150-N | ● | ● | ● | 3 | 1.50 | 0.05 | 0.05 | 6.0 |
| | MACR 3 200-N | ● | ● | ● | 3 | 2.00 | 0.05 | 0.05 | 6.0 |

● = First choice ○ = Good choice

# CoroCut® XS, insert for parting

R = Right hand, L = Left hand



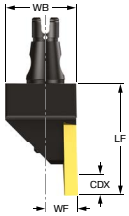

Metric (mm)

| | | S | M | N | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **1205** | **1205** | **1205** | **SSC** | **CW [mm]** | **REL [mm]** | **RER [mm]** | **APMX [mm]** | **AN [deg]** |
| **Finishing** | MACL 3 100-T | ● | ● | ● | 3 | 1.00 | 0.05 | 0.05 | 1.5 | 6.0 |
| | MACL 3 150-T | ● | ● | ● | 3 | 1.50 | 0.05 | 0.05 | 1.5 | 6.0 |
| | MACL 3 200-T | ● | ● | ● | 3 | 2.00 | 0.05 | 0.05 | 3.0 | 6.0 |
| | MACL 3 250-T | ● | ● | ● | 3 | 2.50 | 0.05 | 0.05 | 3.0 | 6.0 |
| | MACR 3 100-T | ● | ● | ● | 3 | 1.00 | 0.05 | 0.05 | 1.5 | 6.0 |
| | MACR 3 150-T | ● | ● | ● | 3 | 1.50 | 0.05 | 0.05 | 1.5 | 6.0 |
| | MACR 3 200-T | ● | ● | ● | 3 | 2.00 | 0.05 | 0.05 | 3.0 | 6.0 |
| | MACR 3 250-T | ● | ● | ● | 3 | 2.50 | 0.05 | 0.05 | 3.0 | 6.0 |

● = First choice ○ = Good choice

# CoroCut® XS, QS™ Micro cutting head for parting and grooving

Screw clamp design





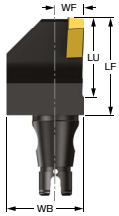
Metric (mm)

| Ordering code | SSC | CDX [mm] | OHX [mm] | OHN [mm] | WB [mm] | LF [mm] | WF [mm] | HF [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|
| QSM12-SMALL-3A | 3 | 8.5 | 28.0 | 28.0 | 16.0 | 28.00 | 6.00 | 6.0 | 1.2 |
| QSM12-SMALR-3A | 3 | 8.5 | 28.0 | 28.0 | 16.0 | 28.00 | 6.00 | 6.0 | 1.2 |
| QSM16-SMALL-3A | 3 | 8.5 | 28.0 | | 18.0 | 28.00 | 8.00 | 8.0 | 1.2 |
| QSM16-SMALR-3A | 3 | 8.5 | 28.0 | | 18.0 | 28.00 | 8.00 | 8.0 | 1.2 |

R = Right hand, L = Left hand

# CoroCut® XS, QS™ Micro cutting head for Y-axis parting and grooving

Precision machining - parting and grooving





Metric (mm)

| Ordering code | SSC | CDX [mm] | LU [mm] | OHX [mm] | WB [mm] | LF [mm] | WF [mm] | HF [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|
| QSM12-SMALR-3B-Y | 3 | 8.5 | 15.00 | 20.0 | 26.0 | 20.00 | 6.00 | 6.0 | 1.2 |
| QSM16-SMALR-3B-Y | 3 | 8.5 | 20.00 | 25.0 | 26.0 | 25.00 | 8.00 | 8.0 | 1.2 |

R = Right hand, L = Left hand


Read more about CoroMill® MS20:
**sandvik.coromant.com/coromillms20**

# CoroMill® MS20

## Shoulder milling redefined

CoroMill® MS20 boasts a robust cutter body and a dependable interface, carefully crafted using the latest production technologies with the demands of our customers in mind.

## Application

- True 90 degrees repeated shoulder milling, face milling, pocket milling, corner machining, ramping, helical ramping, full slotting, and plunge milling
- For roughing and finishing operations

P M S H

ISO application areas

## Features and benefits

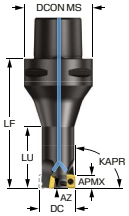
- Secure operations thanks to the high levels of repeatability and predictability, making unmanned machining possible
- The robust and reliable interface enables secure and trouble-free machining
- Excellent dimensional control and top-level surface finish, due to the high accuracy of the concept
- Low overall tool consumption means increased cost-efficiency and a more sustainable business machining conditions

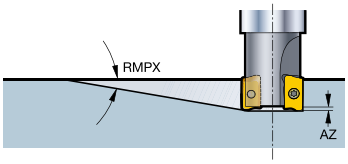
## Cutter body built for confidence

Engineered for secure and predictable shoulder milling, this solution ensures stable performance even in unmanned operations.
The robust interface, open pocket design and optimized chip control reduce insert stress and vibration, delivering longer tool life, excellent surface finish and consistent dimensional accuracy.

# CoroMill® MS20, cutter for square shoulder milling

Coromant Capto® - Internal coolant supply




Common data values

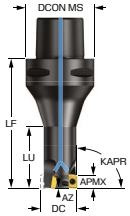
| AZ [mm] | KAPR [deg] |
|---|---|
| 1.0 | 90.0 |

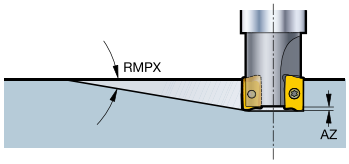
Metric (mm)

| Ordering code | DC [mm] | APMX [mm] | RMPX [deg] | CNSC | | | $DCON_{MS}$ [mm] | BD [mm] | LF [mm] | LU [mm] | TQ [Nm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MS20-R016C3-10L | 16.00 | 9.0 | 7.70 | 3 | 2 | | 32.00 | 15.4 | 50.00 | 25.00 | 1.6 | 42900 |
| MS20-R016C4-10L | 16.00 | 9.0 | 7.70 | 3 | 2 | | 40.00 | 15.4 | 60.00 | 25.00 | 1.6 | 39000 |
| MS20-R020C3-10M | 20.00 | 9.0 | 4.90 | 3 | | 3 | 32.00 | 19.2 | 50.00 | 25.00 | 1.6 | 35800 |
| MS20-R020C4-10L | 20.00 | 9.0 | 4.90 | 3 | 2 | | 40.00 | 19.2 | 60.00 | 25.00 | 1.6 | 35800 |
| MS20-R020C5-10M | 20.00 | 9.0 | 4.90 | 3 | | 3 | 50.00 | 19.2 | 95.00 | 40.00 | 1.6 | 28000 |
| MS20-R020C6-10M | 20.00 | 9.0 | 4.90 | 3 | | 3 | 63.00 | 19.2 | 110.00 | 40.00 | 1.6 | 20000 |
| MS20-R025C3-10M | 25.00 | 9.0 | 3.30 | 3 | | 3 | 32.00 | 23.9 | 50.00 | 32.00 | 1.6 | 30500 |
| MS20-R025C4-10M | 25.00 | 9.0 | 3.30 | 3 | | 3 | 40.00 | 23.9 | 60.00 | 32.00 | 1.6 | 30500 |
| MS20-R025C5-10M | 25.00 | 9.0 | 3.30 | 3 | | 3 | 50.00 | 23.9 | 95.00 | 45.00 | 1.6 | 28000 |
| MS20-R025C6-10M | 25.00 | 9.0 | 3.30 | 3 | | 3 | 63.00 | 23.9 | 110.00 | 45.00 | 1.6 | 20000 |
| MS20-R032C3-10L | 32.00 | 9.0 | 2.20 | 3 | 2 | | 32.00 | 30.7 | 55.00 | 37.00 | 1.6 | 25900 |
| MS20-R032C3-10M | 32.00 | 9.0 | 2.20 | 3 | | 3 | 32.00 | 30.7 | 55.00 | 37.00 | 1.6 | 25900 |
| MS20-R032C4-10M | 32.00 | 9.0 | 2.20 | 3 | | 3 | 40.00 | 30.7 | 70.00 | 40.00 | 1.6 | 25900 |
| MS20-R032C5-10M | 32.00 | 9.0 | 2.20 | 3 | | 3 | 50.00 | 30.7 | 70.00 | 40.00 | 1.6 | 25900 |
| MS20-R032C5-10M095 | 32.00 | 9.0 | 2.20 | 3 | | 3 | 50.00 | 30.7 | 95.00 | 50.00 | 1.6 | 25900 |
| MS20-R032C6-10M | 32.00 | 9.0 | 2.20 | 3 | | 3 | 63.00 | 30.7 | 80.00 | 40.00 | 1.6 | 20000 |
| MS20-R032C6-10M110 | 32.00 | 9.0 | 2.20 | 3 | | 3 | 63.00 | 30.7 | 110.00 | 50.00 | 1.6 | 20000 |
| MS20-R036C3-10M | 36.00 | 9.0 | 1.90 | 3 | | 3 | 32.00 | 34.6 | 40.00 | | 1.6 | 24100 |
| MS20-R036C3-10M075 | 36.00 | 9.0 | 1.90 | 3 | | 3 | 32.00 | 34.6 | 75.00 | | 1.6 | 24100 |
| MS20-R040C4-10H | 40.00 | 9.0 | 1.60 | 3 | | 6 | 40.00 | 38.5 | 75.00 | 52.00 | 1.6 | 22600 |
| MS20-R040C4-10M | 40.00 | 9.0 | 1.60 | 3 | | 4 | 40.00 | 38.5 | 75.00 | 52.00 | 1.6 | 22600 |
| MS20-R040C5-10H | 40.00 | 9.0 | 1.60 | 3 | | 6 | 50.00 | 38.5 | 75.00 | 50.00 | 1.6 | 22600 |
| MS20-R040C5-10M | 40.00 | 9.0 | 1.60 | 3 | | 4 | 50.00 | 38.5 | 75.00 | 50.00 | 1.6 | 22600 |
| MS20-R040C6-10M | 40.00 | 9.0 | 1.60 | 3 | | 4 | 63.00 | 38.5 | 80.00 | 50.00 | 1.6 | 20000 |
| MS20-R044C4-10M | 44.00 | 9.0 | 1.50 | 3 | | 4 | 40.00 | 42.5 | 50.00 | | 1.6 | 21300 |
| MS20-R044C4-10M080 | 44.00 | 9.0 | 1.40 | 3 | | 4 | 40.00 | 42.5 | 80.00 | | 1.6 | 21300 |
| MS20-R050C5-10M | 50.00 | 9.0 | 1.20 | 3 | | 5 | 50.00 | 48.5 | 70.00 | 47.00 | 1.6 | 19800 |
| MS20-R050C6-10M | 50.00 | 9.0 | 1.20 | 3 | | 5 | 63.00 | 48.5 | 80.00 | 50.00 | 1.6 | 19800 |
| MS20-R054C5-10M | 54.00 | 9.0 | 1.10 | 3 | | 5 | 50.00 | 52.5 | 50.00 | | 1.6 | 18900 |
| MS20-R054C5-10M080 | 54.00 | 9.0 | 1.10 | 3 | | 5 | 50.00 | 52.5 | 80.00 | | 1.6 | 18900 |
| MS20-R063C5-10M | 63.00 | 9.0 | 0.90 | 3 | | 6 | 50.00 | 61.4 | 50.00 | | 1.6 | 17300 |
| MS20-R063C6-10M | 63.00 | 9.0 | 0.90 | 3 | | 6 | 63.00 | 61.4 | 80.00 | 54.00 | 1.6 | 17300 |
| MS20-R066C6-10M | 66.00 | 9.0 | 0.80 | 3 | | 6 | 63.00 | 64.4 | 50.00 | | 1.6 | 16900 |
| MS20-R066C6-10M080 | 66.00 | 9.0 | 0.80 | 3 | | 6 | 63.00 | 64.4 | 80.00 | | 1.6 | 16900 |

# CoroMill® MS20, cutter for square shoulder milling

Coromant Capto® - Internal coolant supply




Common data values

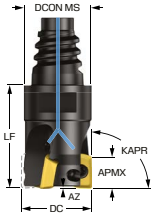
| AZ [mm] | KAPR [deg] |
|---|---|
| 1.0 | 90.0 |

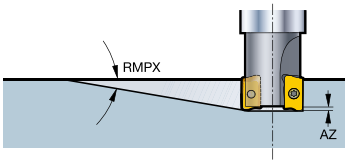
Metric (mm)

| Ordering code | DC [mm] | APMX [mm] | RMPX [deg] | CNSC | | | $DCON_{MS}$ [mm] | BD [mm] | LF [mm] | LU [mm] | TQ [Nm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MS20-R080C6-10M | 80.00 | 9.0 | 0.70 | 3 | | 7 | 63.00 | 78.3 | 50.00 | | 1.6 | 15200 |

# CoroMill® MS20, cutter for square shoulder milling

Coromant EH - Internal coolant supply




Common data values

| AZ [mm] | KAPR [deg] |
|---|---|
| 1.0 | 90.0 |

Metric (mm)

| Ordering code | DC [mm] | APMX [mm] | RMPX [deg] | CNSC | | | $DCON_{MS}$ [mm] | BD [mm] | LF [mm] | LU [mm] | TQ [Nm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MS20-R016EH16-10L | 16.00 | 9.0 | 7.70 | 1 | 2 | | 15.50 | 15.4 | 25.00 | 15.50 | 1.6 | 42900 |
| MS20-R018EH16-10L | 18.00 | 9.0 | 6.20 | 1 | 2 | | 15.50 | 17.4 | 25.00 | | 1.6 | 38900 |
| MS20-R020EH20-10L | 20.00 | 9.0 | 4.90 | 1 | 2 | | 19.30 | 19.2 | 30.00 | 19.20 | 1.6 | 35800 |
| MS20-R020EH20-10M | 20.00 | 9.0 | 4.90 | 1 | | 3 | 19.30 | 19.2 | 30.00 | 19.20 | 1.6 | 35800 |
| MS20-R022EH20-10L | 22.00 | 9.0 | 4.20 | 1 | 2 | | 19.30 | 21.1 | 30.00 | | 1.6 | 33400 |
| MS20-R022EH20-10M | 22.00 | 9.0 | 4.20 | 1 | | 3 | 19.30 | 21.1 | 30.00 | | 1.6 | 33400 |
| MS20-R025EH25-10H | 25.00 | 9.0 | 3.30 | 1 | | 4 | 24.20 | 23.9 | 30.00 | 18.70 | 1.6 | 30500 |
| MS20-R025EH25-10L | 25.00 | 9.0 | 3.30 | 1 | 2 | | 24.20 | 23.9 | 30.00 | 18.70 | 1.6 | 30500 |
| MS20-R025EH25-10M | 25.00 | 9.0 | 3.30 | 1 | | 3 | 24.20 | 23.9 | 30.00 | 18.70 | 1.6 | 30500 |
| MS20-R028EH25-10M | 28.00 | 9.0 | 2.80 | 1 | | 3 | 24.20 | 26.7 | 30.00 | | 1.6 | 28300 |
| MS20-R032EH25-10H | 32.00 | 9.0 | 2.20 | 1 | | 5 | 24.20 | 30.7 | 30.00 | | 1.6 | 25900 |
| MS20-R032EH25-10L | 32.00 | 9.0 | 2.20 | 1 | 2 | | 24.20 | 30.7 | 30.00 | | 1.6 | 25900 |
| MS20-R032EH25-10M | 32.00 | 9.0 | 2.20 | 1 | | 3 | 24.20 | 30.7 | 30.00 | | 1.6 | 25900 |

Common data values

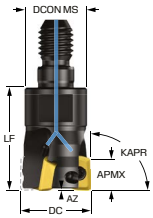
| AZ [inch] | KAPR [deg] |
|---|---|
| 0.039 | 90.0 |

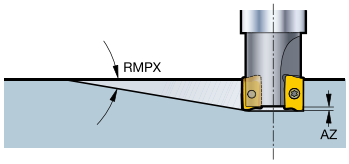
Imperial (inch)

| Ordering code | DC [inch] | APMX [inch] | RMPX [deg] | CNSC | | | $DCON_{MS}$ [inch] | BD [inch] | LF [inch] | LU [inch] | TQ [ft] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MS20-AR016EH16-10L | 0.625 | 0.354 | 7.80 | 1 | 2 | | 0.610 | 0.602 | 1.000 | 0.625 | 1.2 | 43200 |
| MS20-AR019EH20-10L | 0.750 | 0.354 | 5.40 | 1 | 2 | | 0.728 | 0.724 | 1.250 | 0.824 | 1.2 | 37200 |
| MS20-AR019EH20-10M | 0.750 | 0.354 | 5.40 | 1 | | 3 | 0.728 | 0.724 | 1.250 | 0.824 | 1.2 | 37200 |
| MS20-AR025EH25-10H | 1.000 | 0.354 | 3.20 | 1 | | 4 | 0.965 | 0.957 | 1.250 | 0.800 | 1.2 | 30200 |
| MS20-AR025EH25-10M | 1.000 | 0.354 | 3.20 | 1 | | 3 | 0.965 | 0.957 | 1.250 | 0.800 | 1.2 | 30200 |
| MS20-AR032EH25-10H | 1.250 | 0.354 | 2.20 | 1 | | 5 | 0.965 | 1.201 | 1.250 | | 1.2 | 26000 |
| MS20-AR032EH25-10M | 1.250 | 0.354 | 2.20 | 1 | | 3 | 0.965 | 1.201 | 1.250 | | 1.2 | 26000 |

# CoroMill® MS20, cutter for square shoulder milling

MSSC - Internal coolant supply




Common data values

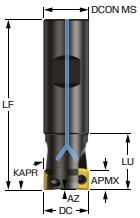
| AZ [mm] | KAPR [deg] |
|---|---|
| 1.0 | 90.0 |

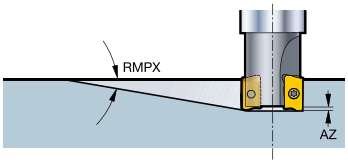
Metric (mm)

| Ordering code | DC [mm] | APMX [mm] | RMPX [deg] | CNSC |  |  | $DCON_{MS}$ [mm] | BD [mm] | LF [mm] | TQ [Nm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MS20-R016T08-10L | 16.00 | 9.0 | 7.70 | 1 | 2 | | 12.80 | 15.4 | 25.00 | 1.6 | 12700 |
| MS20-R020T10-10L | 20.00 | 9.0 | 4.90 | 1 | 2 | | 17.80 | 19.2 | 30.00 | 1.6 | 12700 |
| MS20-R020T10-10M | 20.00 | 9.0 | 4.90 | 1 | | 3 | 17.80 | 19.2 | 30.00 | 1.6 | 12700 |
| MS20-R025T12-10M | 25.00 | 9.0 | 3.30 | 1 | | 3 | 20.80 | 23.9 | 35.00 | 1.6 | 12700 |
| MS20-R032T16-10M | 32.00 | 9.0 | 2.20 | 1 | | 3 | 28.80 | 30.7 | 40.00 | 1.6 | 12700 |

# CoroMill® MS20, cutter for square shoulder milling

Weldon shank - Internal coolant supply




Common data values

| AZ [mm] | KAPR [deg] |
|---|---|
| 1.0 | 90.0 |

Metric (mm)

| Ordering code | DC [mm] | APMX [mm] | RMPX [deg] | CNSC | | | $DCON_{MS}$ [mm] | BD [mm] | LB [mm] | LF [mm] | LU [mm] | TQ [Nm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MS20-R016B16-10L | 16.00 | 9.0 | 7.70 | 1 | 2 | | 16.00 | 15.4 | | 76.00 | | 1.6 | 42900 |
| MS20-R020B20-10L | 20.00 | 9.0 | 4.90 | 1 | 2 | | 20.00 | 19.2 | | 80.00 | 25.00 | 1.6 | 35800 |
| MS20-R020B20-10M | 20.00 | 9.0 | 4.90 | 1 | | 3 | 20.00 | 19.2 | | 80.00 | 25.00 | 1.6 | 35800 |
| MS20-R025B25-10H | 25.00 | 9.0 | 3.30 | 1 | | 4 | 25.00 | 23.9 | | 92.00 | | 1.6 | 30500 |
| MS20-R025B25-10L | 25.00 | 9.0 | 3.30 | 1 | 2 | | 25.00 | 23.9 | | 92.00 | 32.00 | 1.6 | 30500 |
| MS20-R025B25-10M | 25.00 | 9.0 | 3.30 | 1 | | 3 | 25.00 | 23.9 | | 92.00 | 32.00 | 1.6 | 30500 |
| MS20-R032B32-10H | 32.00 | 9.0 | 2.20 | 1 | | 5 | 32.00 | 30.7 | | 105.00 | 40.00 | 1.6 | 25900 |
| MS20-R032B32-10M | 32.00 | 9.0 | 2.20 | 1 | | 3 | 32.00 | 30.7 | | 105.00 | 40.00 | 1.6 | 25900 |
| MS20-R040B32-10H | 40.00 | 9.0 | 1.60 | 1 | | 6 | 32.00 | 38.5 | 30.0 | 105.00 | | 1.6 | 22600 |
| MS20-R040B32-10M | 40.00 | 9.0 | 1.60 | 1 | | 4 | 32.00 | 38.5 | 30.0 | 105.00 | | 1.6 | 22600 |

Common data values

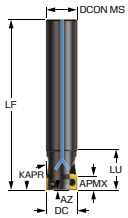
| AZ [inch] | KAPR [deg] |
|---|---|
| 0.039 | 90.0 |

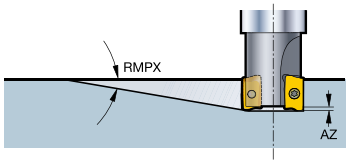
Imperial (inch)

| Ordering code | DC [inch] | APMX [inch] | RMPX [deg] | CNSC | | | $DCON_{MS}$ [inch] | BD [inch] | LB [inch] | LF [inch] | LU [inch] | TQ [ft] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MS20-AR016M19-10L | 0.625 | 0.354 | 7.80 | 1 | 2 | | 0.750 | 0.602 | | 3.280 | 1.000 | 1.2 | 43200 |
| MS20-AR019M19-10L | 0.750 | 0.354 | 5.40 | 1 | 2 | | 0.750 | 0.724 | | 3.280 | 1.000 | 1.2 | 37200 |
| MS20-AR019M19-10M | 0.750 | 0.354 | 5.40 | 1 | | 3 | 0.750 | 0.724 | | 3.280 | 1.000 | 1.2 | 37200 |
| MS20-AR025M19-10H | 1.000 | 0.354 | 3.20 | 1 | | 4 | 0.750 | 0.957 | 1.000 | 3.500 | | 1.2 | 30200 |
| MS20-AR025M19-10L | 1.000 | 0.354 | 3.20 | 1 | 2 | | 0.750 | 0.957 | 1.000 | 3.500 | | 1.2 | 30200 |
| MS20-AR025M19-10M | 1.000 | 0.354 | 3.20 | 1 | | 3 | 0.750 | 0.957 | 1.000 | 3.500 | | 1.2 | 30200 |
| MS20-AR025M25-10H | 1.000 | 0.354 | 3.20 | 1 | | 4 | 1.000 | 0.957 | | 3.750 | 1.250 | 1.2 | 30200 |
| MS20-AR025M25-10L | 1.000 | 0.354 | 3.20 | 1 | 2 | | 1.000 | 0.957 | | 3.750 | 1.250 | 1.2 | 30200 |
| MS20-AR025M25-10M | 1.000 | 0.354 | 3.20 | 1 | | 3 | 1.000 | 0.957 | | 3.750 | 1.250 | 1.2 | 30200 |
| MS20-AR032M32-10H | 1.250 | 0.354 | 2.20 | 1 | | 5 | 1.250 | 1.201 | | 3.750 | 1.350 | 1.2 | 26000 |
| MS20-AR032M32-10M | 1.250 | 0.354 | 2.20 | 1 | | 3 | 1.250 | 1.201 | | 3.750 | 1.350 | 1.2 | 26000 |
| MS20-AR038M32-10H | 1.500 | 0.354 | 1.70 | 1 | | 6 | 1.250 | 1.441 | 1.200 | 4.000 | | 1.2 | 23200 |
| MS20-AR038M32-10M | 1.500 | 0.354 | 1.70 | 1 | | 4 | 1.250 | 1.441 | 1.200 | 4.000 | | 1.2 | 23200 |

# CoroMill® MS20, cutter for square shoulder milling

Cylindrical shank - Internal coolant supply




Common data values

| AZ [mm] | KAPR [deg] |
|---|---|
| 1.0 | 90.0 |

Metric (mm)

| Ordering code | DC [mm] | APMX [mm] | RMPX [deg] | CNSC | | | $DCON_{MS}$ [mm] | BD [mm] | LB [mm] | LF [mm] | LU [mm] | TQ [Nm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MS20-R016A16-10L | 16.00 | 9.0 | 7.70 | 1 | 2 | | 16.00 | 15.4 | | 100.00 | 25.00 | 1.6 | 42900 |
| MS20-R016A16L-10L | 16.00 | 9.0 | 7.70 | 1 | 2 | | 16.00 | 15.4 | | 145.00 | 25.00 | 1.6 | 22300 |
| MS20-R018A16L-10L | 18.00 | 9.0 | 6.20 | 1 | 2 | | 16.00 | 17.4 | 25.0 | 145.00 | | 1.6 | 24800 |
| MS20-R020A20-10L | 20.00 | 9.0 | 4.90 | 1 | 2 | | 20.00 | 19.2 | | 110.00 | 25.00 | 1.6 | 35800 |
| MS20-R020A20-10M | 20.00 | 9.0 | 4.90 | 1 | | 3 | 20.00 | 19.2 | | 110.00 | 25.00 | 1.6 | 35800 |
| MS20-R020A20L-10L | 20.00 | 9.0 | 4.90 | 1 | 2 | | 20.00 | 19.2 | | 170.00 | 40.00 | 1.6 | 18600 |
| MS20-R022A20L-10L | 22.00 | 9.0 | 4.20 | 1 | 2 | | 20.00 | 21.1 | 30.0 | 170.00 | | 1.6 | 20200 |
| MS20-R025A25-10H | 25.00 | 9.0 | 3.30 | 1 | | 4 | 25.00 | 23.9 | | 120.00 | 32.00 | 1.6 | 30500 |
| MS20-R025A25-10L | 25.00 | 9.0 | 3.30 | 1 | 2 | | 25.00 | 23.9 | | 120.00 | 32.00 | 1.6 | 30500 |
| MS20-R025A25-10M | 25.00 | 9.0 | 3.30 | 1 | | 3 | 25.00 | 23.9 | | 120.00 | 32.00 | 1.6 | 30500 |
| MS20-R025A25L-10L | 25.00 | 9.0 | 3.30 | 1 | 2 | | 25.00 | 23.9 | | 210.00 | 50.00 | 1.6 | 14300 |
| MS20-R030A25L-10L | 30.00 | 9.0 | 2.50 | 1 | 2 | | 25.00 | 28.7 | 30.0 | 210.00 | | 1.6 | 15300 |
| MS20-R032A32-10H | 32.00 | 9.0 | 2.20 | 1 | | 5 | 32.00 | 30.7 | | 130.00 | 40.00 | 1.6 | 25900 |
| MS20-R032A32-10L | 32.00 | 9.0 | 2.20 | 1 | 2 | | 32.00 | 30.7 | | 130.00 | 40.00 | 1.6 | 25900 |
| MS20-R032A32-10M | 32.00 | 9.0 | 2.20 | 1 | | 3 | 32.00 | 30.7 | | 130.00 | 40.00 | 1.6 | 25900 |
| MS20-R032A32L-10L | 32.00 | 9.0 | 2.20 | 1 | 2 | | 32.00 | 30.7 | | 250.00 | 65.00 | 1.6 | 11800 |
| MS20-R040A32-10H | 40.00 | 9.0 | 1.60 | 1 | | 6 | 32.00 | 38.5 | 30.0 | 170.00 | | 1.6 | 22600 |
| MS20-R040A32-10L | 40.00 | 9.0 | 1.60 | 1 | 2 | | 32.00 | 38.5 | 30.0 | 170.00 | | 1.6 | 22600 |
| MS20-R040A32-10M | 40.00 | 9.0 | 1.60 | 1 | | 4 | 32.00 | 38.5 | 30.0 | 170.00 | | 1.6 | 22600 |
| MS20-R040A32L-10L | 40.00 | 9.0 | 1.60 | 1 | 2 | | 32.00 | 38.5 | 33.0 | 250.00 | | 1.6 | 12800 |

Common data values

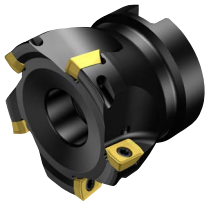
| AZ [inch] | KAPR [deg] |
|---|---|
| 0.039 | 90.0 |

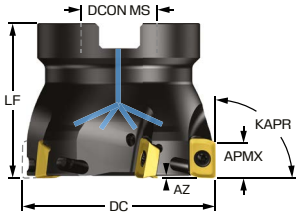
Imperial (inch)

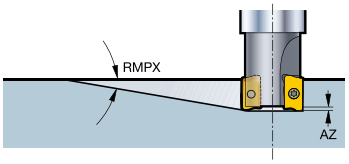
| Ordering code | DC [inch] | APMX [inch] | RMPX [deg] | CNSC | | | $DCON_{MS}$ [inch] | BD [inch] | LF [inch] | LU [inch] | TQ [ft] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MS20-AR016O16L-10L | 0.625 | 0.354 | 7.80 | 1 | 2 | | 0.625 | 0.602 | 5.625 | 1.000 | 1.2 | 23100 |
| MS20-AR019O19L-10L | 0.750 | 0.354 | 5.40 | 1 | 2 | | 0.750 | 0.724 | 6.500 | 1.250 | 1.2 | 19100 |
| MS20-AR025O25L-10L | 1.000 | 0.354 | 3.20 | 1 | 2 | | 1.000 | 0.957 | 8.000 | 2.000 | 1.2 | 16100 |
| MS20-AR025O25L-10M | 1.000 | 0.354 | 3.20 | 1 | | 3 | 1.000 | 0.957 | 8.000 | 2.000 | 1.2 | 16100 |

# CoroMill® MS20, cutter for square shoulder milling

Arbor - Internal coolant supply






Common data values

| AZ [mm] | KAPR [deg] |
|---|---|
| 1.0 | 90.0 |

Metric (mm)

| Ordering code | DC [mm] | APMX [mm] | RMPX [deg] | CNSC | | $DCON_{MS}$ [mm] | DHUB [mm] | BD [mm] | LB [mm] | LF [mm] | TQ [Nm] | RPMX [1/min] | STDLET |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MS20-R040Q16-10H | 40.00 | 9.0 | 1.60 | 1 | 6 | 16.00 | 34.00 | 38.5 | 35.0 | 35.00 | 1.6 | 22600 | A |
| MS20-R040Q16-10M | 40.00 | 9.0 | 1.60 | 1 | 4 | 16.00 | 34.00 | 38.5 | 35.0 | 35.00 | 1.6 | 22600 | A |
| MS20-R044Q16-10M | 44.00 | 9.0 | 1.40 | 1 | 4 | 16.00 | 34.00 | 42.6 | 35.0 | 35.00 | 1.6 | 21300 | A |
| MS20-R050Q22-10H | 50.00 | 9.0 | 1.20 | 1 | 7 | 22.00 | 42.00 | 48.5 | 40.0 | 40.00 | 1.6 | 19800 | A |
| MS20-R050Q22-10M | 50.00 | 9.0 | 1.20 | 1 | 5 | 22.00 | 42.00 | 48.5 | 40.0 | 40.00 | 1.6 | 19800 | A |
| MS20-R054Q22-10M | 54.00 | 9.0 | 1.10 | 1 | 5 | 22.00 | 42.00 | 52.5 | 40.0 | 40.00 | 1.6 | 18900 | A |
| MS20-R063Q22-10H | 63.00 | 9.0 | 0.90 | 1 | 8 | 22.00 | 42.00 | 61.4 | 40.0 | 40.00 | 1.6 | 17300 | A |
| MS20-R063Q22-10M | 63.00 | 9.0 | 0.90 | 1 | 6 | 22.00 | 42.00 | 61.4 | 40.0 | 40.00 | 1.6 | 17300 | A |
| MS20-R066Q22-10M | 66.00 | 9.0 | 0.80 | 1 | 6 | 22.00 | 42.00 | 64.4 | 40.0 | 40.00 | 1.6 | 16900 | A |
| MS20-R080Q27-10H | 80.00 | 9.0 | 0.70 | 1 | 10 | 27.00 | 51.00 | 78.3 | | 45.00 | 1.6 | 15200 | A |
| MS20-R080Q27-10M | 80.00 | 9.0 | 0.70 | 1 | 7 | 27.00 | 51.00 | 78.3 | | 45.00 | 1.6 | 15200 | A |
| MS20-R084Q27-10M | 84.00 | 9.0 | 0.60 | 1 | 7 | 27.00 | 51.00 | 82.3 | | 45.00 | 1.6 | 14800 | A |

Common data values

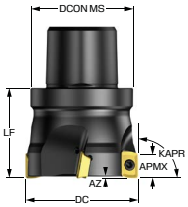
| AZ [inch] | KAPR [deg] |
|---|---|
| 0.039 | 90.0 |

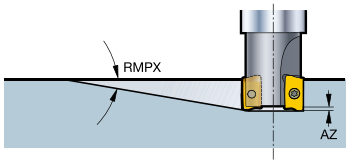
Imperial (inch)

| Ordering code | DC [inch] | APMX [inch] | RMPX [deg] | CNSC | | $DCON_{MS}$ [inch] | DHUB [inch] | BD [inch] | LB [inch] | LF [inch] | TQ [ft] | RPMX [1/min] | STDLET |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MS20-AR038R19-10H | 1.500 | 0.354 | 1.70 | 1 | 6 | 0.750 | 1.417 | 1.441 | 1.400 | 1.400 | 1.2 | 23200 | A |
| MS20-AR038R19-10M | 1.500 | 0.354 | 1.70 | 1 | 4 | 0.750 | 1.417 | 1.441 | 1.400 | 1.400 | 1.2 | 23200 | A |
| MS20-AR051R19-10H | 2.000 | 0.354 | 1.20 | 1 | 7 | 0.750 | 1.654 | 1.941 | 1.600 | 1.600 | 1.2 | 19600 | A |
| MS20-AR051R19-10M | 2.000 | 0.354 | 1.20 | 1 | 5 | 0.750 | 1.654 | 1.941 | 1.600 | 1.600 | 1.2 | 19600 | A |
| MS20-AR063R19-10H | 2.500 | 0.354 | 0.90 | 1 | 8 | 0.750 | 1.654 | 2.437 | 1.600 | 1.600 | 1.2 | 17300 | A |
| MS20-AR063R19-10M | 2.500 | 0.354 | 0.90 | 1 | 6 | 0.750 | 1.654 | 2.437 | 1.600 | 1.600 | 1.2 | 17300 | A |
| MS20-AR076R25-10H | 3.000 | 0.354 | 0.70 | 1 | 9 | 1.000 | 2.008 | 2.933 | 1.750 | 1.750 | 1.2 | 15600 | A |
| MS20-AR076R25-10M | 3.000 | 0.354 | 0.70 | 1 | 7 | 1.000 | 2.008 | 2.933 | 1.750 | 1.750 | 1.2 | 15600 | A |
| MS20-AR080JR25.4-10H | 3.150 | 0.354 | 0.70 | 1 | 10 | 1.000 | 2.008 | 3.083 | 1.969 | 1.969 | 1.2 | 15200 | |
| MS20-AR080JR25.4-10L | 3.150 | 0.354 | 0.70 | 1 | 5 | 1.000 | 2.008 | 3.083 | 1.969 | 1.969 | 1.2 | 15200 | |
| MS20-AR080JR25.4-10M | 3.150 | 0.354 | 0.70 | 1 | 7 | 1.000 | 2.008 | 3.083 | 1.969 | 1.969 | 1.2 | 15200 | |

# CoroMill® MS20, cutter for square shoulder milling

Coromant Capto® - External coolant supply




Common data values

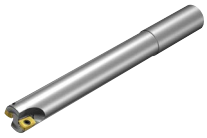
| AZ [mm] | KAPR [deg] |
|---|---|
| 1.0 | 90.0 |

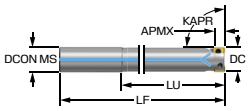
Metric (mm)

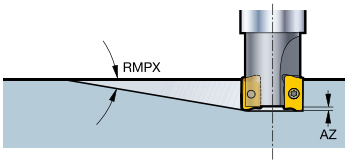
| Ordering code | DC [mm] | APMX [mm] | RMPX [deg] | CNSC |  | $DCON_{MS}$ [mm] | BD [mm] | LF [mm] | TQ [Nm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|
| MS20-R044C4T-10M | 44.00 | 9.0 | 1.40 | 3 | 4 | 40.00 | 48.5 | 35.00 | 1.6 | 21300 |
| MS20-R054C5T-10M | 54.00 | 9.0 | 1.10 | 3 | 5 | 50.00 | 52.5 | 35.00 | 1.6 | 18900 |

# CoroMill® MS20, Silent Tools™ cutter for square shoulder milling

Cylindrical shank - Internal coolant supply





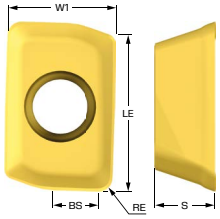

Common data values

| AZ [mm] | KAPR [deg] |
|---|---|
| 1.0 | 90.0 |

Metric (mm)

| | Ordering code | DC [mm] | APMX [mm] | RMPX [deg] | CNSC | | | $DCON_{MS}$ [mm] | LF [mm] | LU [mm] | TQ [Nm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | MS20D-R020A20-10L | 20.00 | 9.0 | 4.90 | 1 | 2 | | 20.00 | 171.00 | 120.00 | 1.6 | 20000 |
| NEW | MS20D-R020A20-10M | 20.00 | 9.0 | 4.90 | 1 | | 3 | 20.00 | 171.00 | 120.00 | 1.6 | 20000 |
| NEW | MS20D-R025A25-10H | 25.00 | 9.0 | 3.30 | 1 | | 4 | 25.00 | 208.00 | 150.00 | 1.6 | 20000 |
| NEW | MS20D-R025A25-10L | 25.00 | 9.0 | 3.30 | 1 | 2 | | 25.00 | 208.00 | 150.00 | 1.6 | 20000 |
| NEW | MS20D-R025A25-10M | 25.00 | 9.0 | 3.30 | 1 | | 3 | 25.00 | 208.00 | 150.00 | 1.6 | 20000 |
| NEW | MS20D-R032A32-10H | 32.00 | 9.0 | 2.20 | 1 | | 5 | 32.00 | 254.00 | 192.00 | 1.6 | 15000 |
| NEW | MS20D-R032A32-10L | 32.00 | 9.0 | 2.20 | 1 | 5 | | 32.00 | 254.00 | 192.00 | 1.6 | 15000 |
| NEW | MS20D-R032A32-10M | 32.00 | 9.0 | 2.20 | 1 | | 3 | 32.00 | 254.00 | 192.00 | 1.6 | 15000 |

# CoroMill® MS20, insert for milling

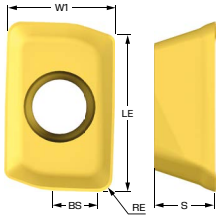



Metric (mm)

| | | | | P | | | | | | | S | | | | | H | | K | | | M | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordering code | 530 | 4340 | 4330 | 1230 | 1010 | 1040 | 2040 | S30T | S40T | 1230 | 1040 | 2040 | 530 | 1010 | 4340 | 4330 | 1010 | S30T | 530 | 4340 | S40T | 1230 | 1040 | 2040 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] |
| Medium | M20 | NEW | MS20-10T302M-M20 | | | | | | | | ● | | | ○ | | | | | | | ○ | | | | | ● | | 10 | 3.60 | 1.2 | 0.2 | 6.7 |
| | | NEW | MS20-10T304M-M20 | | | | ● | | | | | | ○ | | | | | | | | | | | | ○ | | | 10 | 3.60 | 1.2 | 0.4 | 6.7 |
| | | NEW | MS20-10T308M-M20 | ○ | ○ | ○ | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | 10 | 3.60 | 1.2 | 0.8 | 6.7 |
| | | | MS20-10T312M-M20 | | | | | | | | ● | | | ○ | | | | | | | ○ | | | | | ● | | 10 | 3.60 | 1.2 | 1.2 | 6.7 |
| | | NEW | MS20-10T316M-M20 | | | | | | | | ● | ○ | | ○ | ○ | | | | | | ○ | | | ○ | | ● | ○ | 10 | 3.60 | 1.2 | 1.6 | 6.7 |
| | | NEW | MS20-10T320M-M20 | | | | | | | | ● | | | ○ | | | | | | | ○ | | | | | ● | | 10 | 3.60 | 1.2 | 2.0 | 6.7 |
| | | NEW | MS20-10T324M-M20 | | | | | | | | ● | | | ○ | | | | | | | ○ | | | | | ● | | 10 | 3.60 | 1.0 | 2.4 | 6.7 |
| | | NEW | MS20-10T331M-M20 | | | | | | | | ● | ○ | | ○ | ○ | | | | | | ○ | | | ○ | | ● | ○ | 10 | 3.60 | 0.2 | 3.1 | 6.7 |

● = First choice ○ = Good choice

# CoroMill® MS20, insert for milling

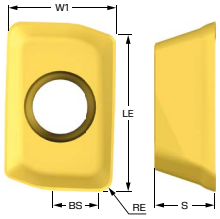



Metric (mm)

| | | | Ordering code | P | | | | | | | S | | | | | | H | | K | | | | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 530 | 4340 | 4330 | 1230 | 1010 | 1040 | 2040 | S30T | S40T | 1230 | 1040 | 2040 | 530 | 1010 | 4340 | 4330 | 1010 | S30T | 4340 | S40T | 1230 | 1040 | 2040 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] |
| Medium | M30 | NEW | MS20-10T302M-M30 | | ○ | | ● | | | | | | ○ | | | | | ○ | | | | | | | | | 10 | 3.60 | 1.2 | 0.2 | 6.7 | 9.1 |
| | | NEW | MS20-10T304M-M30 | ○ | ○ | ○ | ● | | | | | | ○ | | | | | ○ | ○ | | | | | | | | 10 | 3.60 | 1.2 | 0.4 | 6.7 | 9.1 |
| | | NEW | MS20-10T308M-M30 | ○ | ○ | ○ | ● | ○ | | | ● | ○ | ○ | | | ○ | ● | ○ | ○ | ○ | | | | | | | 10 | 3.60 | 1.2 | 0.8 | 6.7 | 9.1 |
| | | NEW | MS20-10T312M-M30 | | ○ | | ● | ○ | | | ● | ○ | ○ | | | | ● | ○ | | ○ | | | | | | | 10 | 3.60 | 1.2 | 1.2 | 6.7 | 9.1 |
| | | NEW | MS20-10T316M-M30 | | ○ | | ● | ○ | | | ● | ○ | ○ | | | | ● | ○ | | ○ | | | | | | | 10 | 3.60 | 1.2 | 1.6 | 6.7 | 9.1 |
| | | NEW | MS20-10T320M-M30 | | ○ | | ● | ○ | ○ | | ● | ○ | ○ | ○ | | | ● | ○ | | ○ | ○ | ○ | ○ | ○ | ● | | 10 | 3.60 | 1.2 | 2.0 | 6.7 | 9.1 |
| | | NEW | MS20-10T324M-M30 | | ○ | | ● | | ○ | | | | ○ | ○ | | | | ○ | | | | ○ | | ○ | ● | | 10 | 3.60 | 1.0 | 2.4 | 6.7 | 9.1 |
| | | NEW | MS20-10T331M-M30 | | ○ | | ● | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | | ● | ○ | | ○ | ○ | ○ | ○ | ○ | ● | ○ | 10 | 3.60 | 0.2 | 3.1 | 6.7 | 9.1 |

● = First choice ○ = Good choice

# CoroMill® MS20, insert for milling

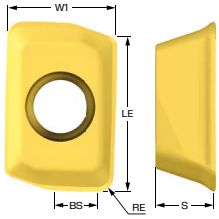



Metric (mm)

| | | | Ordering code | P | | | K | | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 4340 | 4330 | 1230 | 4340 | 4330 | | | | | | | | | |
| Heavy | M50 | NEW | MS20-10T308M-M50 | ● | ○ | ○ | ○ | ○ | 10 | 3.60 | 1.2 | 0.8 | 6.7 | 9.1 | 9.0 | 90.00 | Right |
| | | NEW | MS20-10T316M-M50 | ● | ○ | ○ | ○ | ○ | 10 | 3.60 | 1.2 | 1.6 | 6.7 | 9.1 | 9.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® MS20, insert for milling



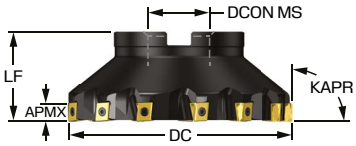

Metric (mm)

| | | | | S | | | | M | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordering code | S30T | S40T | 1040 | 2040 | S30T | S40T | 1040 | 2040 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | L50 | NEW | MS20-10T304E-L50 | ● | | | | ○ | | | | 10 | 3.60 | 1.2 | 0.4 | 6.7 | 9.1 | 9.0 | 90.00 | Right |
| | | NEW | MS20-10T308E-L50 | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | 10 | 3.60 | 1.2 | 0.8 | 6.7 | 9.1 | 9.0 | 90.00 | Right |
| | | NEW | MS20-10T316E-L50 | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | 10 | 3.60 | 1.2 | 1.6 | 6.7 | 9.1 | 9.0 | 90.00 | Right |
| | | NEW | MS20-10T324E-L50 | ● | | ○ | | ○ | | ● | | 10 | 3.60 | 1.0 | 2.4 | 6.7 | 9.1 | 9.0 | 90.00 | Right |
| | | NEW | MS20-10T331E-L50 | ● | ○ | ○ | ○ | ○ | ○ | ● | ○ | 10 | 3.60 | 0.2 | 3.1 | 6.7 | 9.1 | 9.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® MS40, tangential square shoulder milling cutter

Arbor - Internal coolant supply




Common data values

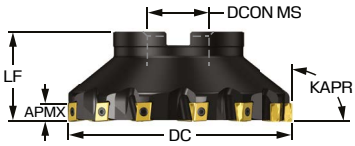
| KAPR [deg] |
|---|
| 90.0 |

Metric (mm)

| Ordering code | DC [mm] | APMX [mm] | CNSC | | | $DCON_{MS}$ [mm] | STDLET | DBC [mm] | LF [mm] | LU [mm] | TQ [Nm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MS40-R040Q16-09H | 40.00 | 8.0 | 1 | 6 | | 16.00 | A | | 40.00 | 40.00 | 1.4 | 7400 |
| MS40-R040Q16-09M | 40.00 | 8.0 | 1 | | 4 | 16.00 | A | | 40.00 | 40.00 | 1.4 | 7400 |
| MS40-R040Q16-13H | 40.00 | 12.0 | 1 | 5 | | 16.00 | A | | 40.00 | 40.00 | 3.0 | 11700 |
| MS40-R040Q16-13M | 40.00 | 12.0 | 1 | | 4 | 16.00 | A | | 40.00 | 40.00 | 3.0 | 11700 |
| MS40-R050Q22-09H | 50.00 | 8.0 | 1 | 7 | | 22.00 | A | | 40.00 | 40.00 | 1.4 | 6600 |
| MS40-R050Q22-09M | 50.00 | 8.0 | 1 | | 5 | 22.00 | A | | 40.00 | 40.00 | 1.4 | 6600 |
| MS40-R050Q22-13H | 50.00 | 12.0 | 1 | 6 | | 22.00 | A | | 40.00 | 40.00 | 3.0 | 10500 |
| MS40-R050Q22-13M | 50.00 | 12.0 | 1 | | 5 | 22.00 | A | | 40.00 | 40.00 | 3.0 | 10500 |
| MS40-R063Q22-09M | 63.00 | 8.0 | 1 | | 7 | 22.00 | A | | 40.00 | 40.00 | 1.4 | 5900 |
| MS40-R063Q22-13H | 63.00 | 12.0 | 1 | 8 | | 22.00 | A | | 40.00 | 40.00 | 3.0 | 9300 |
| MS40-R063Q22-13M | 63.00 | 12.0 | 1 | | 6 | 22.00 | A | | 40.00 | 40.00 | 3.0 | 9300 |
| MS40-R080Q27-13H | 80.00 | 12.0 | 1 | 10 | | 27.00 | A | | 50.00 | 50.00 | 3.0 | 8300 |
| MS40-R080Q27-13M | 80.00 | 12.0 | 1 | | 7 | 27.00 | A | | 50.00 | 50.00 | 3.0 | 8300 |
| MS40-R100Q32-13H | 100.00 | 12.0 | 1 | 13 | | 32.00 | A | | 50.00 | 50.00 | 3.0 | 7400 |
| MS40-R100Q32-13M | 100.00 | 12.0 | 1 | | 9 | 32.00 | A | | 50.00 | 50.00 | 3.0 | 7400 |
| MS40-R125Q40-13H | 125.00 | 12.0 | 1 | 16 | | 40.00 | B | | 63.00 | 63.00 | 3.0 | 6600 |
| MS40-R125Q40-13M | 125.00 | 12.0 | 1 | | 11 | 40.00 | B | | 63.00 | 63.00 | 3.0 | 6600 |
| MS40-R160Q40-13M | 160.00 | 12.0 | 0 | | 13 | 40.00 | C | 66.7 | 63.00 | 63.00 | 3.0 | 5800 |

# CoroMill® MS40, tangential square shoulder milling cutter

Arbor - Internal coolant supply




Common data values

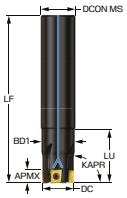
| KAPR [deg] |
|---|
| 90.0 |

Imperial (inch)

| Ordering code | DC [inch] | APMX [inch] | CNSC |  | $DCON_{MS}$ [inch] | STDLET | DBC [inch] | LF [inch] | LU [inch] | TQ [ft] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MS40-AR038R19-09M | 1.500 | 0.315 | 1 | 4 | 0.750 | A | | 1.575 | 1.575 | 1.0 | 7500 |
| MS40-AR051R19-09M | 2.000 | 0.315 | 1 | 5 | 0.750 | A | | 1.575 | 1.575 | 1.0 | 6500 |
| MS40-AR051R19-13M | 2.000 | 0.472 | 1 | 5 | 0.750 | A | | 1.575 | 1.575 | 2.2 | 10400 |
| MS40-AR063R25-13M | 2.500 | 0.472 | 1 | 6 | 1.000 | A | | 1.625 | 1.625 | 2.2 | 9300 |
| MS40-AR076R25-13M | 3.000 | 0.472 | 1 | 7 | 1.000 | A | | 1.969 | 1.969 | 2.2 | 8500 |
| MS40-AR102R38-13M | 4.000 | 0.472 | 1 | 9 | 1.500 | A | | 2.480 | 2.480 | 2.2 | 7300 |
| MS40-AR127R38-13M | 5.000 | 0.472 | 1 | 11 | 1.500 | B | | 2.480 | 2.480 | 2.2 | 6600 |
| MS40-AR152R38-13M | 6.000 | 0.472 | 0 | 13 | 1.500 | C | 2.63 | 2.480 | 2.480 | 2.2 | 6000 |

# CoroMill® MS40, tangential square shoulder milling cutter

Cylindrical shank - Internal coolant supply




Common data values

| KAPR [deg] | TQ [Nm] |
|---|---|
| 90.0 | 1.4 |

Metric (mm)

| Ordering code | DC [mm] | APMX [mm] | CNSC | | | $DCON_{MS}$ [mm] | LF [mm] | LU [mm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|
| MS40-R025A25-09H | 25.00 | 8.0 | 1 | 4 | | 25.00 | 120.00 | 38.00 | 9300 |
| MS40-R025A25-09M | 25.00 | 8.0 | 1 | | 3 | 25.00 | 120.00 | 38.00 | 9300 |
| MS40-R032A32-09H | 32.00 | 8.0 | 1 | 5 | | 32.00 | 130.00 | 39.00 | 8200 |
| MS40-R032A32-09M | 32.00 | 8.0 | 1 | | 4 | 32.00 | 130.00 | 39.00 | 8200 |

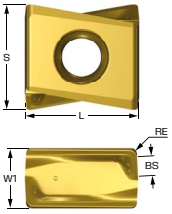
Common data values

| KAPR [deg] | TQ [ft] |
|---|---|
| 90.0 | 1.0 |

Imperial (inch)

| Ordering code | DC [inch] | APMX [inch] | CNSC | | $DCON_{MS}$ [inch] | LF [inch] | LU [inch] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|
| MS40-AR025O25-09M | 1.000 | 0.315 | 1 | 3 | 1.000 | 4.724 | 1.496 | 9300 |
| MS40-AR032O32-09M | 1.250 | 0.315 | 1 | 4 | 1.250 | 5.118 | 1.535 | 8300 |

# CoroMill® MS40, insert for milling



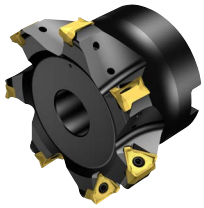

Metric (mm)

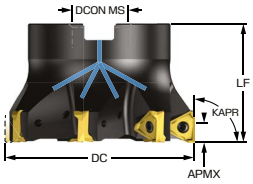
| | | | Ordering code | P | | | | S | | | K | | | M | | | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | APMX [mm] | KRINS [deg] | HAND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 4330 | 1230 | 1040 | 2040 | 1230 | 1040 | 2040 | 4330 | 1220 | 3330 | 1230 | 1040 | 2040 | | | | | | | | |
| Light | L30 | | MS40-090404E-L30 | | ● | ○ | ○ | ○ | ○ | ● | | | | ○ | ● | ○ | 09 | 8.53 | 1.5 | 0.4 | 4.5 | 8.0 | 90.00 | Right |
| Light | L40 | | MS40-130608E-L40 | | ● | ○ | ○ | ○ | ○ | ● | | | | ○ | ● | ○ | 13 | 12.07 | 2.2 | 0.8 | 6.8 | 12.0 | 90.00 | Right |
| Medium | M40 | | MS40-090404E-M40 | | ● | ○ | | ○ | ○ | | | | | ○ | ● | | 09 | 8.53 | 1.5 | 0.4 | 4.5 | 8.0 | 90.00 | Right |
| Medium | M40 | NEW | MS40-090404M-M40 | ○ | ● | ○ | ○ | ○ | ○ | ● | ○ | ○ | ● | ○ | ● | ○ | 09 | 8.53 | 1.5 | 0.4 | 4.5 | 8.0 | 90.00 | Right |
| Medium | M40 | NEW | MS40-090408E-M40 | ○ | ● | ○ | ○ | ○ | ○ | ● | ○ | ○ | ● | ○ | ● | ○ | 09 | 8.53 | 1.1 | 0.8 | 4.5 | 8.0 | 90.00 | Right |
| Medium | M50 | | MS40-130608E-M50 | | ● | ○ | | ○ | ○ | | | | | ○ | ● | | 13 | 12.07 | 2.2 | 0.8 | 6.8 | 12.0 | 90.00 | Right |
| Medium | M50 | NEW | MS40-130608M-M50 | ○ | ● | ○ | ○ | ○ | ○ | ● | ○ | ○ | ● | ○ | ● | ○ | 13 | 12.07 | 2.2 | 0.8 | 6.8 | 12.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® MS60, square shoulder milling cutter

Arbor - Internal coolant supply






Common data values

| KAPR [deg] |
|---|
| 90.0 |

Metric (mm)

| | Ordering code | DC [mm] | APMX [mm] | RMPX [deg] | AZ [mm] | CNSC | | $DCON_{MS}$ [mm] | LF [mm] | LU [mm] | TQ [Nm] | RPMX [1/min] | STDLET |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | MS60-R040Q16-11H | 40.00 | 5.0 | 1.70 | 0.5 | 1 | 6 | 16.00 | 40.00 | 40.00 | 0.9 | 10500 | A |
| NEW | MS60-R040Q16-11M | 40.00 | 5.0 | 1.70 | 0.5 | 1 | 5 | 16.00 | 40.00 | 40.00 | 0.9 | 10500 | A |
| NEW | MS60-R050Q22-11H | 50.00 | 5.0 | 1.30 | 0.5 | 1 | 8 | 22.00 | 40.00 | 40.00 | 0.9 | 9400 | A |
| NEW | MS60-R050Q22-11M | 50.00 | 5.0 | 1.30 | 0.5 | 1 | 6 | 22.00 | 40.00 | 40.00 | 0.9 | 9400 | A |
| | MS60-R050Q22-16H | 50.00 | 8.0 | 1.60 | 0.7 | 1 | 5 | 22.00 | 40.00 | | 2.0 | 10700 | A |
| | MS60-R050Q22-16M | 50.00 | 8.0 | 1.60 | 0.7 | 1 | 4 | 22.00 | 40.00 | | 2.0 | 10700 | A |
| | MS60-R063Q22-16H | 63.00 | 8.0 | 1.30 | 0.7 | 1 | 7 | 22.00 | 40.00 | | 2.0 | 9600 | A |
| | MS60-R063Q22-16M | 63.00 | 8.0 | 1.30 | 0.7 | 1 | 5 | 22.00 | 40.00 | | 2.0 | 9600 | A |
| | MS60-R080Q27-16H | 80.00 | 8.0 | 1.00 | 0.7 | 1 | 9 | 27.00 | 50.00 | | 2.0 | 8500 | A |
| | MS60-R080Q27-16M | 80.00 | 8.0 | 1.00 | 0.7 | 1 | 7 | 27.00 | 50.00 | | 2.0 | 8500 | A |
| | MS60-R100Q32-16H | 100.00 | 8.0 | 0.75 | 0.5 | 1 | 11 | 32.00 | 50.00 | | 2.0 | 7600 | A |
| | MS60-R100Q32-16M | 100.00 | 8.0 | 0.75 | 0.5 | 1 | 8 | 32.00 | 50.00 | | 2.0 | 7600 | A |

R = Right hand, L = Left hand

Common data values

| KAPR [deg] |
|---|
| 90.0 |

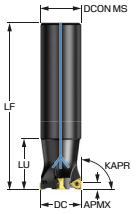
Imperial (inch)

| | Ordering code | DC [inch] | APMX [inch] | RMPX [deg] | AZ [inch] | CNSC | | $DCON_{MS}$ [inch] | LF [inch] | LU [inch] | TQ [ft] | RPMX [1/min] | STDLET |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | MS60-AR038R19-11H | 1.500 | 0.197 | 1.70 | 0.020 | 1 | 6 | 0.750 | 1.575 | 1.575 | 0.7 | 10800 | A |
| NEW | MS60-AR038R19-11M | 1.500 | 0.197 | 1.70 | 0.020 | 1 | 5 | 0.750 | 1.575 | 1.575 | 0.7 | 10800 | A |
| NEW | MS60-AR051R19-11H | 2.000 | 0.197 | 1.30 | 0.020 | 1 | 8 | 0.750 | 1.575 | 1.575 | 0.7 | 9300 | A |
| NEW | MS60-AR051R19-11M | 2.000 | 0.197 | 1.30 | 0.020 | 1 | 6 | 0.750 | 1.575 | 1.575 | 0.7 | 9300 | A |
| | MS60-AR051R19-16H | 2.000 | 0.315 | 1.80 | 0.028 | 1 | 5 | 0.750 | 1.500 | | 1.5 | 10700 | A |
| | MS60-AR051R19-16M | 2.000 | 0.315 | 1.80 | 0.028 | 1 | 4 | 0.750 | 1.500 | | 1.5 | 10700 | A |
| | MS60-AR063R25-16M | 2.500 | 0.315 | 1.40 | 0.028 | 1 | 5 | 1.000 | 1.625 | | 1.5 | 9600 | A |
| | MS60-AR076R25-16H | 3.000 | 0.315 | 1.10 | 0.028 | 1 | 9 | 1.000 | 2.000 | | 1.5 | 8500 | A |
| | MS60-AR076R25-16M | 3.000 | 0.315 | 1.10 | 0.028 | 1 | 7 | 1.000 | 2.000 | | 1.5 | 8500 | A |
| | MS60-AR102R38-16H | 4.000 | 0.315 | 0.80 | 0.020 | 1 | 11 | 1.500 | 2.500 | | 1.5 | 7600 | A |
| | MS60-AR102R38-16M | 4.000 | 0.315 | 0.80 | 0.020 | 1 | 8 | 1.500 | 2.500 | | 1.5 | 7600 | A |

R = Right hand, L = Left hand

# CoroMill® MS60, square shoulder milling cutter

Cylindrical shank - Internal coolant supply




Common data values

| AZ [mm] | KAPR [deg] |
|---|---|
| 0.5 | 90.0 |

Metric (mm)

| | Ordering code | DC [mm] | APMX [mm] | RMPX [deg] | CNSC | | $DCON_{MS}$ [mm] | LF [mm] | LU [mm] | TQ [Nm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | MS60-R025A25-11M | 25.00 | 5.0 | 3.10 | 1 | 3 | 25.00 | 120.00 | 38.00 | 0.9 | 13300 |
| NEW | MS60-R032A32-11H | 32.00 | 5.0 | 2.20 | 1 | 5 | 32.00 | 130.00 | 39.00 | 0.9 | 11800 |
| NEW | MS60-R032A32-11M | 32.00 | 5.0 | 2.20 | 1 | 4 | 32.00 | 130.00 | 39.00 | 0.9 | 11800 |

Common data values

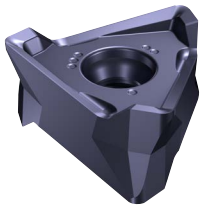
| AZ [inch] | KAPR [deg] |
|---|---|
| 0.020 | 90.0 |

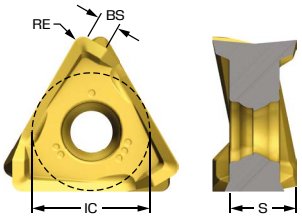
Imperial (inch)

| | Ordering code | DC [inch] | APMX [inch] | RMPX [deg] | CNSC | | $DCON_{MS}$ [inch] | LF [inch] | LU [inch] | TQ [ft] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | MS60-AR025O25-11M | 1.000 | 0.197 | 3.10 | 1 | 3 | 1.000 | 4.724 | 1.496 | 0.7 | 13200 |
| NEW | MS60-AR032O32-11M | 1.250 | 0.197 | 2.20 | 1 | 4 | 1.250 | 5.118 | 1.535 | 0.7 | 11800 |

R = Right hand, L = Left hand

# CoroMill® MS60, insert for milling



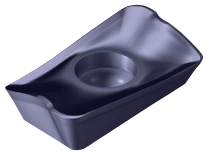


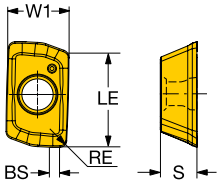

Metric (mm)

| | | | | P | | | | S | | | K | | | | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordering code | 4330 | 1230 | 1130 | 1040 | 1230 | 1130 | 1040 | 4330 | 1220 | 3330 | 1020 | 1230 | 1130 | 1040 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | L50 | NEW | MS60-11T304M-L50 | | ● | | ○ | ○ | | ○ | | ● | | | ○ | | ● | 11T3 | 3.74 | 1.0 | 0.4 | 6.70 | 5.0 | 5.0 | 90.00 | Right |
| | | NEW | MS60-160508M-L50 | ○ | ● | ○ | ○ | ○ | ○ | ○ | ○ | ● | ○ | ○ | ○ | ○ | ● | 1605 | 5.35 | 1.6 | 0.8 | 9.60 | 8.0 | 8.0 | 90.00 | Right |
| Medium | M40 | NEW | MS60-11T304M-M40 | | ● | | | ○ | | | | | | | ○ | | | 11T3 | 3.74 | 1.0 | 0.4 | 6.70 | 5.0 | 5.0 | 90.00 | Right |
| | | NEW | MS60-11T308M-M40 | ○ | ● | | | ○ | | | ○ | | ● | | ○ | | | 11T3 | 3.74 | 0.8 | 0.8 | 6.70 | 5.0 | 5.0 | 90.00 | Right |
| | | NEW | MS60-160508M-M40 | ○ | ● | ○ | | ○ | ○ | | ○ | ○ | ● | ○ | ○ | ○ | | 1605 | 5.35 | 1.6 | 0.8 | 9.60 | 8.0 | 8.0 | 90.00 | Right |
| | | NEW | MS60-160512M-M40 | ○ | ● | | | ○ | | | ○ | | ● | | ○ | | | 1605 | 5.35 | 1.3 | 1.2 | 9.60 | 8.0 | 8.0 | 90.00 | Right |
| | | NEW | MS60-160516M-M40 | ○ | ● | | | ○ | | | ○ | | | | ○ | | | 1605 | 5.35 | 0.9 | 1.6 | 9.60 | 8.0 | 8.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 390, insert for milling



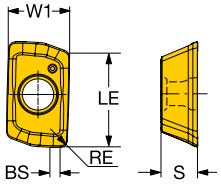



Metric (mm)

| | | | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | PL | R390-11 T3 04E-PL | ● | ○ | ○ | 11 | 3.59 | 0.9 | 0.4 | 6.8 | 10.0 | 10.0 | 90.00 | Right |
| | | R390-11 T3 08E-PL | ● | ○ | ○ | 11 | 3.59 | 1.5 | 0.8 | 6.8 | 10.0 | 10.0 | 90.00 | Right |
| | | R390-11 T3 08M-PL | ● | ○ | ○ | 11 | 3.59 | 1.2 | 0.8 | 6.8 | 10.0 | 10.0 | 90.00 | Right |
| | | R390-17 04 08E-PL | ● | ○ | ○ | 17 | 4.76 | 1.5 | 0.8 | 9.6 | 15.7 | 15.7 | 90.00 | Right |
| | | R390-17 04 08M-PL | ● | ○ | ○ | 17 | 4.76 | 1.5 | 0.8 | 9.6 | 15.7 | 16.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 390, insert for milling

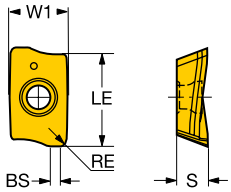



Metric (mm)

| | | | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Medium | PM | R390-11 T3 02E-PM | ● | ○ | ○ | 11 | 3.59 | 0.7 | 0.2 | 6.8 | 10.0 | 10.0 | 90.00 | Right |
| | | R390-11 T3 04M-PM | ● | ○ | ○ | 11 | 3.59 | 0.9 | 0.4 | 6.8 | 10.0 | 10.0 | 90.00 | Right |
| | | R390-11 T3 08M-PM | ● | ○ | ○ | 11 | 3.59 | 1.2 | 0.8 | 6.8 | 10.0 | 10.0 | 90.00 | Right |
| | | R390-11 T3 12E-PM | ● | ○ | ○ | 11 | 3.59 | 0.8 | 1.2 | 6.8 | 10.0 | 10.0 | 90.00 | Right |
| | | R390-11 T3 16E-PM | ● | ○ | ○ | 11 | 3.59 | 0.4 | 1.6 | 6.8 | 10.0 | 10.0 | 90.00 | Right |
| | | R390-11 T3 16M-PM | ● | ○ | ○ | 11 | 3.59 | 0.4 | 1.6 | 6.8 | 10.0 | 10.0 | 90.00 | Right |
| | | R390-11 T3 20E-PM | ● | ○ | ○ | 11 | 3.59 | | 2.0 | 6.8 | 10.0 | 10.0 | 90.00 | Right |
| | | R390-11 T3 24E-PM | ● | ○ | ○ | 11 | 3.59 | | 2.4 | 6.8 | 10.0 | 10.0 | 90.00 | Right |
| | | R390-11 T3 31E-PM | ● | ○ | ○ | 11 | 3.59 | | 3.1 | 6.8 | 10.0 | 10.0 | 90.00 | Right |
| | | R390-11 T3 31M-PM | ● | ○ | ○ | 11 | 3.59 | | 3.1 | 6.8 | 10.0 | 10.0 | 90.00 | Right |
| | | R390-17 04 04E-PM | ● | ○ | ○ | 17 | 4.76 | 1.0 | 0.4 | 9.6 | 15.7 | 15.7 | 90.00 | Right |
| | | R390-17 04 04M-PM | ● | ○ | ○ | 17 | 4.76 | 1.0 | 0.4 | 9.6 | 15.7 | 15.7 | 90.00 | Right |
| | | R390-17 04 08M-PM | ● | ○ | ○ | 17 | 4.76 | 1.5 | 0.8 | 9.6 | 15.7 | 16.0 | 90.00 | Right |
| | | R390-17 04 12E-PM | ● | ○ | ○ | 17 | 4.76 | 1.1 | 1.2 | 9.6 | 15.7 | 15.7 | 90.00 | Right |
| | | R390-17 04 16E-PM | ● | ○ | ○ | 17 | 4.76 | 0.7 | 1.6 | 9.6 | 15.7 | 15.7 | 90.00 | Right |
| | | R390-17 04 16M-PM | ● | ○ | ○ | 17 | 4.76 | 0.7 | 1.6 | 9.6 | 15.7 | 15.7 | 90.00 | Right |
| | | R390-17 04 20E-PM | ● | ○ | ○ | 17 | 4.76 | 0.3 | 2.0 | 9.6 | 15.7 | 15.7 | 90.00 | Right |
| | | R390-17 04 24E-PM | ● | ○ | ○ | 17 | 4.76 | | 2.4 | 9.6 | 15.7 | 15.7 | 90.00 | Right |
| | | R390-17 04 31E-PM | ● | ○ | ○ | 17 | 4.76 | | 3.1 | 9.6 | 15.7 | 15.7 | 90.00 | Right |
| | | R390-17 04 31M-PM | ● | ○ | ○ | 17 | 4.76 | | 3.1 | 9.6 | 15.7 | 15.7 | 90.00 | Right |
| | | R390-17 04 40E-PM | ● | ○ | ○ | 17 | 4.76 | | 4.0 | 9.6 | 15.7 | 15.0 | 90.00 | Right |
| | | R390-17 04 48E-PM | ● | ○ | ○ | 17 | 4.76 | | 4.8 | 9.6 | 15.7 | 15.0 | 90.00 | Right |
| | | R390-17 04 50E-PM | ● | ○ | ○ | 17 | 4.76 | | 5.0 | 9.6 | 15.7 | 15.0 | 90.00 | Right |
| | | R390-17 04 60E-PM | ● | ○ | ○ | 17 | 4.76 | | 6.0 | 9.6 | 15.7 | 15.0 | 90.00 | Right |
| | | R390-17 04 64E-PM | ● | ○ | ○ | 17 | 4.76 | | 6.3 | 9.6 | 15.7 | 15.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 390, insert for milling

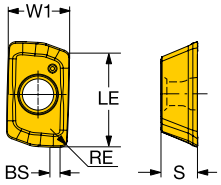



Metric (mm)

| | | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Heavy | PH | | | | | | | | | | | | |
| | R390-11 T3 10M-PH | ● | ○ | ○ | 11 | 3.59 | 1.0 | 1.0 | 6.8 | 10.0 | 10.0 | 90.00 | Right |

● = First choice ○ = Good choice

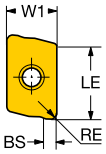
# CoroMill® 390, insert for square shoulder milling

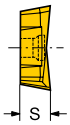



Metric (mm)

| | | | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | PL | 390R-070202E-PL | ● | ○ | ○ | 07 | 2.40 | 0.7 | 0.2 | 4.1 | 5.9 | 5.8 | 90.00 | Right |
| | | 390R-070204E-PL | ● | ○ | ○ | 07 | 2.40 | 0.7 | 0.4 | 4.1 | 5.9 | 5.8 | 90.00 | Right |
| | | 390R-070208E-PL | ● | ○ | ○ | 07 | 2.40 | 0.7 | 0.8 | 4.1 | 5.9 | 5.8 | 90.00 | Right |
| | | 390R-070212E-PL | ● | ○ | ○ | 07 | 2.40 | 0.7 | 1.2 | 4.1 | 5.9 | 5.8 | 90.00 | Right |
| | | 390R-070216E-PL | ● | ○ | ○ | 07 | 2.40 | 0.2 | 1.6 | 4.1 | 5.9 | 5.8 | 90.00 | Right |
| Medium | PM | 390R-070202M-PM | ● | ○ | ○ | 07 | 2.40 | 0.7 | 0.2 | 4.1 | 5.9 | 5.8 | 90.00 | Right |
| | | 390R-070204M-PM | ● | ○ | ○ | 07 | 2.40 | 0.7 | 0.4 | 4.1 | 5.9 | 5.8 | 90.00 | Right |
| | | 390R-070208M-PM | ● | ○ | ○ | 07 | 2.40 | 0.7 | 0.8 | 4.1 | 5.9 | 5.8 | 90.00 | Right |
| | | 390R-070212M-PM | ● | ○ | ○ | 07 | 2.40 | 0.7 | 1.2 | 4.1 | 5.9 | 5.8 | 90.00 | Right |
| | | 390R-070216M-PM | ● | ○ | ○ | 07 | 2.40 | 0.2 | 1.6 | 4.1 | 5.9 | 5.8 | 90.00 | Right |

# CoroMill® 390, insert for milling



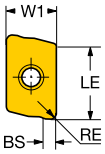



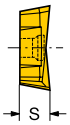

Metric (mm)

| | | | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | PL | R390-18 06 08H-PL | ● | ○ | ○ | 18 | 6.33 | 1.0 | 0.8 | 11.0 | 15.4 | 16.0 | 90.00 | Right |
| | | R390-18 06 12H-PL | ● | ○ | ○ | 18 | 6.33 | 1.0 | 1.2 | 11.0 | 15.4 | 16.0 | 90.00 | Right |
| | | R390-18 06 16H-PL | ● | ○ | ○ | 18 | 6.33 | 1.0 | 1.6 | 11.0 | 15.4 | 16.0 | 90.00 | Right |
| | | R390-18 06 20H-PL | ● | ○ | ○ | 18 | 6.33 | 1.0 | 2.0 | 11.0 | 15.4 | 16.0 | 90.00 | Right |
| | | R390-18 06 24H-PL | ● | ○ | ○ | 18 | 6.33 | 1.0 | 2.4 | 11.0 | 15.4 | 16.0 | 90.00 | Right |
| | | R390-18 06 31H-PL | ● | ○ | ○ | 18 | 6.33 | 1.0 | 3.1 | 11.0 | 15.4 | 16.0 | 90.00 | Right |
| | | R390-18 06 40H-PL | ● | ○ | ○ | 18 | 6.33 | 1.0 | 4.0 | 11.0 | 15.4 | 16.0 | 90.00 | Right |
| | | R390-18 06 50H-PL | ● | ○ | ○ | 18 | 6.33 | 1.0 | 5.0 | 11.0 | 15.4 | 16.0 | 90.00 | Right |
| | | R390-18 06 60H-PL | ● | ○ | ○ | 18 | 6.33 | 1.0 | 6.0 | 11.0 | 15.4 | 16.0 | 90.00 | Right |
| | | R390-18 06 64H-PL | ● | ○ | ○ | 18 | 6.33 | 1.0 | 6.4 | 11.0 | 15.4 | 16.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 390, insert for milling



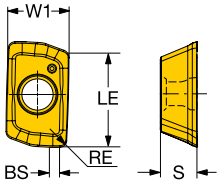




Metric (mm)

| | | | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Medium | PM | R390-18 06 08M-PM | ● | ○ | ○ | 18 | 6.33 | 1.1 | 0.8 | 11.0 | 15.4 | 16.0 | 90.00 | Right |
| | | R390-18 06 12M-PM | ● | ○ | ○ | 18 | 6.33 | 1.1 | 1.2 | 11.0 | 15.4 | 16.0 | 90.00 | Right |
| | | R390-18 06 16M-PM | ● | ○ | ○ | 18 | 6.33 | 1.1 | 1.6 | 11.0 | 15.4 | 16.0 | 90.00 | Right |
| | | R390-18 06 20M-PM | ● | ○ | ○ | 18 | 6.33 | 0.5 | 2.0 | 11.0 | 15.4 | 16.0 | 90.00 | Right |
| | | R390-18 06 31M-PM | ● | ○ | ○ | 18 | 6.33 | 0.5 | 3.1 | 11.0 | 15.4 | 16.0 | 90.00 | Right |
| | PMR | R390-18 06 12M-PMR | ● | ○ | ○ | 18 | 6.33 | 0.3 | 1.2 | 11.0 | 15.4 | 17.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 390, insert for milling

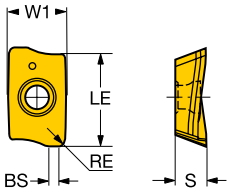



Metric (mm)

| | | Ordering code | 1220 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | K | | | | | | | | | |
| Medium | KM | NEW 390R-070208M-KM | ● | 07 | 2.40 | 0.7 | 0.8 | 4.1 | 5.9 | 5.8 | 90.00 | Right |
| | | NEW R390-11 T3 04M-KM | ● | 11 | 3.59 | 0.9 | 0.4 | 6.8 | 10.0 | 10.0 | 90.00 | Right |
| | | NEW R390-11 T3 08M-KM | ● | 11 | 3.59 | 1.2 | 0.8 | 6.8 | 10.0 | 10.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 390, insert for milling

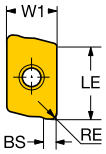


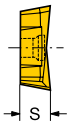

Metric (mm)

| | | | Ordering code | K 1220 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Heavy | KH | NEW | R390-17 04 08M-KH | ● | 17 | 4.76 | 1.5 | 0.8 | 9.6 | 15.7 | 15.7 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 390, insert for milling



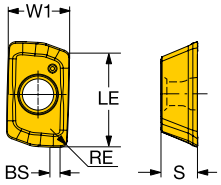




Metric (mm)

| | | | | K | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordering code | 1220 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Medium | KM | NEW | R390-17 04 08M-KM | ● | 17 | 4.76 | 1.5 | 0.8 | 9.6 | 15.7 | 15.7 | 90.00 | Right |
| | | NEW | R390-18 06 08M-KM | ● | 18 | 6.33 | 1.1 | 0.8 | 11.0 | 15.4 | 16.0 | 90.00 | Right |
| | | NEW | R390-18 06 12M-KM | ● | 18 | 6.33 | 1.1 | 1.2 | 11.0 | 15.4 | 16.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 390, insert for milling



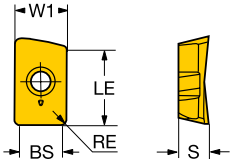

Metric (mm)

| | | | | K | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordering code | 1220 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | KL | NEW | R390-11 T3 08M-KL | ● | 11 | 3.59 | 1.2 | 0.8 | 6.8 | 10.0 | 10.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 390, insert for milling

Wiper technology



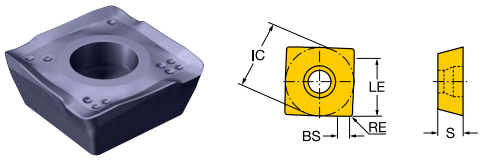

Metric (mm)

| | | | P | S | H | M | N | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | PLW | R390-11 T3 08E-PLW | ● | ○ | | ○ | | 11 | 3.59 | 5.0 | 0.8 | 6.8 | 10.0 | 10.0 | 90.00 | Right |
| Light | PTW | R390-18 06 16H-PTW | ○ | ○ | ○ | ○ | ○ | 18 | 6.33 | 8.6 | 1.6 | 11.0 | 15.4 | 16.1 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 490, insert for milling

R = Right hand, L = Left hand



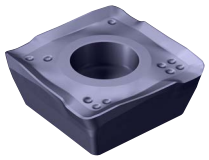

Metric (mm)

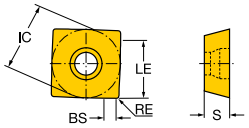
| | | | | P | S | K | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordering code | 1230 | 1230 | 1220 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | KL | NEW | 490R-08T304M-KL | | | ● | | 08 | 3.30 | 1.5 | 0.4 | 8.50 | 5.6 | 5.5 | 90.00 | Right |
| | | NEW | 490R-08T308M-KL | | | ● | | 08 | 3.30 | 1.2 | 0.8 | 8.50 | 5.6 | 5.5 | 90.00 | Right |
| | ML | | 490R-08T308E-ML | ● | ○ | | ○ | 08 | 3.30 | 1.2 | 0.8 | 8.50 | 5.6 | 5.5 | 90.00 | Right |
| | | | 490R-140408E-ML | ● | ○ | | ○ | 14 | 3.90 | 2.0 | 0.8 | 13.80 | 10.3 | 10.0 | 90.00 | Right |
| | PL | | 490R-08T304M-PL | ● | ○ | | ○ | 08 | 3.30 | 1.5 | 0.4 | 8.50 | 5.6 | 5.5 | 90.00 | Right |
| | | | 490R-08T308M-PL | ● | ○ | | ○ | 08 | 3.30 | 1.2 | 0.8 | 8.50 | 5.6 | 5.5 | 90.00 | Right |
| | | NEW | 490R-140408M-PL | ● | ○ | ● | ○ | 14 | 3.90 | 2.0 | 0.8 | 13.80 | 10.3 | 10.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 490, insert for milling

R = Right hand, L = Left hand





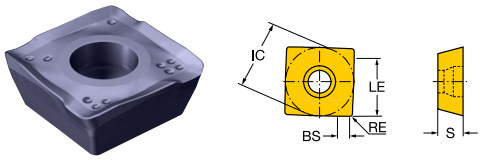

Metric (mm)

| | | | Ordering code | P 1230 | S 1230 | K 1220 | M 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Medium | KM | NEW | 490R-08T308M-KM | | | ● | | 08 | 3.30 | 1.2 | 0.8 | 8.50 | 5.6 | 5.5 | 90.00 | Right |
| | MM | | 490R-08T308E-MM | ● | ○ | | ○ | 08 | 3.30 | 1.2 | 0.8 | 8.50 | 5.6 | 5.5 | 90.00 | Right |
| | PM | | 490R-08T308M-PM | ● | ○ | | ○ | 08 | 3.30 | 1.2 | 0.8 | 8.50 | 5.6 | 5.5 | 90.00 | Right |
| | | | 490R-08T312M-PM | ● | ○ | | ○ | 08 | 3.30 | 0.9 | 1.2 | 8.50 | 5.6 | 5.5 | 90.00 | Right |
| | | | 490R-08T316M-PM | ● | ○ | | ○ | 08 | 3.30 | 0.6 | 1.6 | 8.50 | 5.6 | 5.5 | 90.00 | Right |
| | | NEW | 490R-140408M-PM | ● | ○ | ● | ○ | 14 | 3.90 | 2.0 | 0.8 | 13.80 | 10.3 | 10.0 | 90.00 | Right |
| | | | 490R-140412M-PM | ● | ○ | | ○ | 14 | 3.90 | 2.0 | 1.2 | 13.80 | 10.3 | 10.0 | 90.00 | Right |
| | | | 490R-140416M-PM | ● | ○ | | ○ | 14 | 3.90 | 1.2 | 1.6 | 13.80 | 10.3 | 10.0 | 90.00 | Right |
| | | | 490R-140420M-PM | ● | ○ | | ○ | 14 | 3.90 | 0.9 | 2.0 | 13.80 | 10.3 | 10.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 490, insert for milling

R = Right hand, L = Left hand



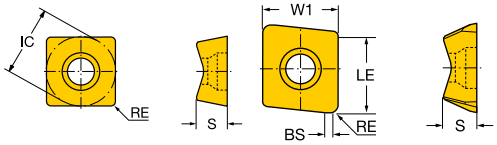

Metric (mm)

| | | | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Heavy | PH | 490R-08T308M-PH | ● | ○ | ○ | 08 | 3.30 | 1.2 | 0.8 | 8.50 | 5.6 | 5.5 | 90.00 | Right |
| | | 490R-08T316M-PH | ● | ○ | ○ | 08 | 3.30 | 0.6 | 1.6 | 8.50 | 5.6 | 5.5 | 90.00 | Right |
| | | 490R-140408M-PH | ● | ○ | ○ | 14 | 3.90 | 2.0 | 0.8 | 13.80 | 10.3 | 10.0 | 90.00 | Right |
| | | 490R-140420M-PH | ● | ○ | ○ | 14 | 3.90 | 0.9 | 2.0 | 13.80 | 10.3 | 10.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 690, insert for milling

Long edge miling



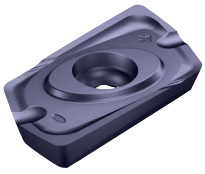

Metric (mm)

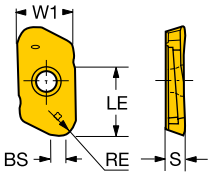
| | | | S | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | W1 [mm] | LE [mm] | KRINS [deg] | HAND |
| Light | SL | 690-100508M-E-SL | ○ | 10E | 5.20 | 1.0 | 0.8 | | 10.0 | 10.0 | 90.00 | Right |
| | | 690-100510M-P-SL | ○ | 10P | 5.20 | | 1.0 | 10.00 | | 9.0 | 90.00 | Neutral |
| | | 690-100512M-E-SL | ○ | 10E | 5.20 | 1.0 | 1.2 | | 10.0 | 10.0 | 90.00 | Right |
| | | 690-100516M-E-SL | ○ | 10E | 5.20 | 1.0 | 1.6 | | 10.0 | 10.0 | 90.00 | Right |
| | | 690-100520M-E-SL | ○ | 10E | 5.20 | 1.0 | 2.0 | | 10.0 | 10.0 | 90.00 | Right |
| | | 690-100531M-E-SL | ○ | 10E | 5.20 | 1.0 | 3.1 | | 10.0 | 10.0 | 90.00 | Right |
| | | 690-140608M-E-SL | ○ | 14E | 6.35 | 1.0 | 0.8 | | 14.5 | 14.8 | 90.00 | Right |
| | | 690-140610M-P-SL | ○ | 14P | 6.35 | | 1.0 | 14.50 | | 13.5 | 90.00 | Neutral |
| | | 690-140612M-E-SL | ○ | 14E | 6.35 | 1.0 | 1.2 | | 14.5 | 14.8 | 90.00 | Right |
| | | 690-140616M-E-SL | ○ | 14E | 6.35 | 1.0 | 1.6 | | 14.5 | 14.8 | 90.00 | Right |
| | | 690-140631M-E-SL | ○ | 14E | 6.35 | 1.0 | 3.1 | | 14.5 | 14.8 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 790, insert for milling

Square shoulder milling



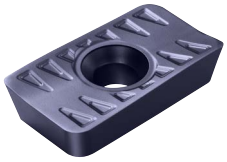


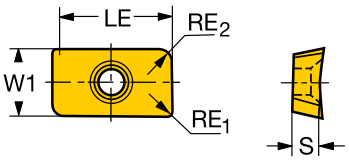

Metric (mm)

| | | | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | PL | R790-160408PH-PL | ● | ○ | ○ | 16 | 4.00 | 1.0 | 0.8 | 11.0 | 12.0 | 12.0 | 90.00 | Right |
| | | R790-160416PH-PL | ● | ○ | ○ | 16 | 4.00 | 1.0 | 1.6 | 11.0 | 12.0 | 12.0 | 90.00 | Right |
| | | R790-160420PH-PL | ● | ○ | ○ | 16 | 4.00 | 1.0 | 2.0 | 11.0 | 12.0 | 12.0 | 90.00 | Right |
| | | R790-160431PH-PL | ● | ○ | ○ | 16 | 4.00 | 1.0 | 3.1 | 11.0 | 12.0 | 12.0 | 90.00 | Right |
| | | R790-160440PH-PL | ● | ○ | ○ | 16 | 4.00 | 1.0 | 4.0 | 11.0 | 12.0 | 12.0 | 90.00 | Right |
| | | R790-160450PH-PL | ● | ○ | ○ | 16 | 4.00 | | 5.0 | 11.0 | 12.0 | 12.0 | 90.00 | Right |
| | | R790-220508PH-PL | ● | ○ | ○ | 22 | 5.00 | 1.0 | 0.8 | 16.0 | 18.0 | 18.0 | 90.00 | Right |
| | | R790-220516PH-PL | ● | ○ | ○ | 22 | 5.00 | 1.0 | 1.6 | 16.0 | 18.0 | 18.0 | 90.00 | Right |

● = First choice ○ = Good choice

# Insert for milling



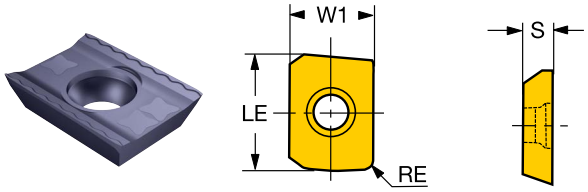



Metric (mm)

| | | | P | S | M | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Medium | PM | LPMH 25 06 10-PM | ● | ○ | ○ | 25 | 6.35 | 0.8 | 14.3 | 21.6 | 21.6 | 92.00 | Right |

● = First choice ○ = Good choice

# T-Max® long edge, insert for milling



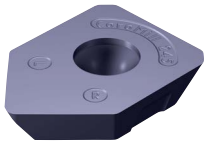

Metric (mm)

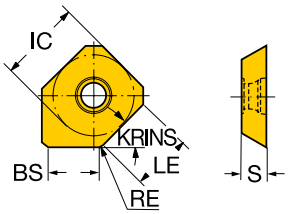
| | | | P | S | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | RE [mm] | W1 [mm] | LE [mm] | KRINS [deg] | HAND |
| Light | ML | LEHW 18 04 16R-2 | ● | ○ | ○ | 18 | 4.75 | 1.6 | 13.7 | 19.0 | 90.00 | Right |
| | | | | | | | | | | | | |
| | PL | LDHT 19 04 00-PL | ● | ○ | ○ | 19 | 4.75 | 0.2 | 13.8 | 19.1 | 90.00 | Neutral |
| | | LEHT 18 04 16R-PL2 | ● | ○ | ○ | 18 | 4.75 | 1.6 | 13.7 | 19.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 245, insert for milling

Wiper technology



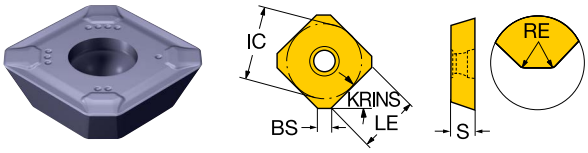



Metric (mm)

| | | | | P | S | K | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordering code | 1230 | 1230 | 1220 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | LE [mm] | BSR [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | W | NEW | R245-12 T3 E-W | ● | ○ | ● | ○ | 12 | 3.97 | 8.2 | 1.5 | 13.40 | 10.0 | 500.0 | 2.5 | 45.00 | Right |
| | | | R245-18 T6 E-W | ● | ○ | | ○ | 18 | 6.10 | 10.8 | 1.0 | 18.00 | 13.9 | 500.0 | 9.8 | 45.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 245, insert for milling

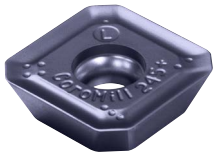


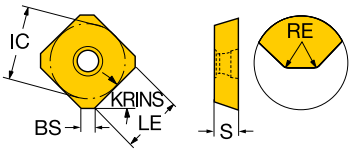

Metric (mm)

| | | | | P | S | K | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordering code | 1230 | 1230 | 1220 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Medium | KM | NEW | R245-12 T3 M-KM | | | ● | | 12 | 3.97 | 2.0 | 1.5 | 13.40 | 10.0 | 6.5 | 45.00 | Right |
| | | | | | | | | | | | | | | | | |
| | PM | | R245-12 T3 M-PM | ● | ○ | | ○ | 12 | 3.97 | 2.0 | 1.5 | 13.40 | 10.0 | 6.5 | 45.00 | Right |
| | | | R245-18 T6 M-PM | ● | ○ | | ○ | 18 | 6.10 | 1.5 | 1.0 | 18.00 | 13.9 | 9.8 | 45.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 245, insert for milling



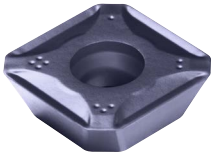


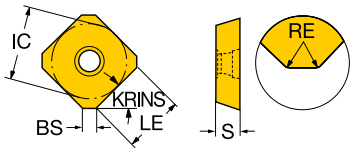

Metric (mm)

| | | | | P | S | K | M | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordering code | 1230 | 1230 | 1220 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | LE [mm] | BSR [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | KL | NEW | R245-12 T3 E-KL | | | ● | | 12 | 3.97 | 2.1 | 1.5 | 13.40 | 10.0 | 200.0 | 6.5 | 45.00 | Right |
| | ML | | R245-12 T3 E-ML | ● | ○ | | ○ | 12 | 3.97 | 2.1 | 1.5 | 13.40 | 10.0 | 200.0 | 6.5 | 45.00 | Right |
| | | | | | | | | | | | | | | | | | | |
| | PL | | R245-12 T3 E-PL | ● | ○ | | ○ | 12 | 3.97 | 2.1 | 1.5 | 13.40 | 10.0 | 200.0 | 6.5 | 45.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 245, insert for milling



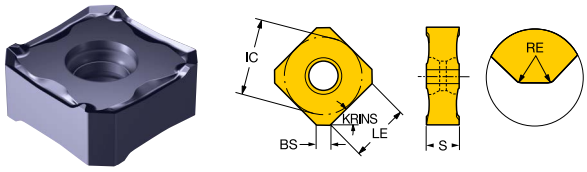



Metric (mm)

| | | | | P | S | K | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordering code | 1230 | 1230 | 1220 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | KL | NEW | R245-12 T3 M-KL | | | ● | | 12 | 3.97 | 2.0 | 1.5 | 13.40 | 10.0 | 6.5 | 45.00 | Right |
| | PL | | R245-12 T3 M-PL | ● | ○ | | ○ | 12 | 3.97 | 2.0 | 1.5 | 13.40 | 10.0 | 6.5 | 45.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 345, insert for milling

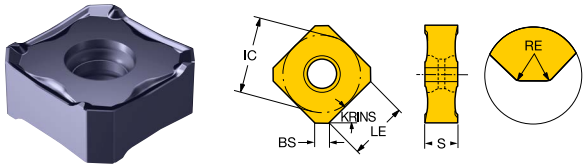



Metric (mm)

| | | | Ordering code | P 1230 | S 1230 | K 1220 | M 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | LE [mm] | BSR [mm] | APMX [mm] | KRINS [deg] | HAND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Light | KL | NEW | 345R-1305M-KL | | | ● | | 13 | 5.05 | | | 13.00 | | | | 45.00 | Right |
| | ML | | 345R-13T5E-ML | ● | ○ | | ○ | 13 | 5.45 | 2.0 | 0.8 | 13.00 | 8.8 | 107.0 | 6.0 | 45.00 | Right |
| | | | | | | | | | | | | | | | | | |
| | PL | | 345R-1305E-PL | ● | | | ○ | 13 | 5.05 | 2.0 | 0.8 | 13.00 | 8.8 | 107.0 | 6.0 | 45.00 | Right |
| | | | 345R-1305M-PL | ● | | | ○ | 13 | 5.05 | 2.0 | 0.8 | 13.00 | 8.8 | 107.0 | 6.0 | 45.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 345, insert for milling

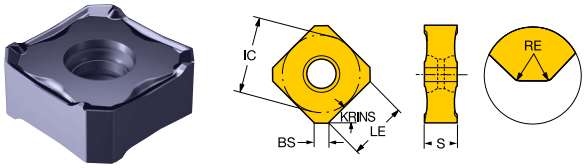



Metric (mm)

| | | | P | S | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | LE [mm] | BSR [mm] | APMX [mm] | KRINS [deg] | HAND |
| Medium | MM | 345R-13T5E-MM | ● | ○ | ○ | 13 | 5.45 | 2.0 | 0.8 | 13.00 | 8.8 | 107.0 | 6.0 | 45.00 | Right |
| | | 345R-13T5M-MM | ● | ○ | ○ | 13 | 5.45 | 2.0 | 0.8 | 13.00 | 8.8 | 107.0 | 6.0 | 45.00 | Right |
| | PM | 345L-1305M-PM | ● | ○ | ○ | 13 | 5.05 | 2.0 | 0.8 | 13.00 | 8.8 | 107.0 | 6.0 | 45.00 | Left |
| | | 345R-1305M-PM | ● | ○ | ○ | 13 | 5.05 | 2.0 | 0.8 | 13.00 | 8.8 | 107.0 | 6.0 | 45.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 345, insert for milling



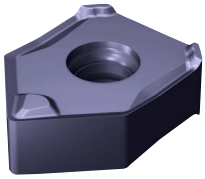

Metric (mm)

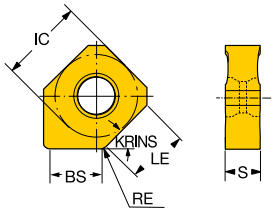
| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P | S | | | | | | | | | | |
| | Ordering code | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | LE [mm] | BSR [mm] | APMX [mm] | KRINS [deg] | HAND |
| Heavy PH | 345R-1305M-PH | ● | ○ | 13 | 5.05 | 2.0 | 0.8 | 13.00 | 8.8 | 107.0 | 6.0 | 45.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 345, insert for milling

Wiper technology





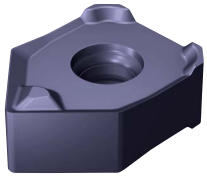

Metric (mm)

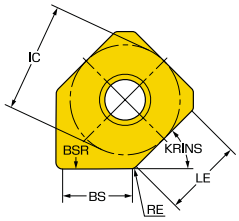
| | | | Ordering code | P 1230 | S 1230 | K 1220 | M 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | LE [mm] | BSR [mm] | APMX [mm] | KRINS [deg] | HAND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Light | KW8 | NEW | 345N-1305E-KW8 | | | ● | | 13 | 5.05 | | 1.0 | 13.00 | | | 6.0 | 45.00 | Neutral |
| Light | PW5 | | 345N-1305E-PW5 | ● | ○ | | ○ | 13 | 5.05 | 5.0 | 1.0 | 13.00 | 8.8 | 500.0 | 6.0 | 45.00 | Neutral |
| Light | PW8 | | 345N-1305E-PW8 | ● | ○ | | ○ | 13 | 5.05 | 8.0 | 1.0 | 13.00 | 8.8 | 500.0 | 6.0 | 45.00 | Neutral |

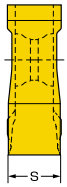
● = First choice ○ = Good choice

# CoroMill® 345, insert for milling

Wiper technology





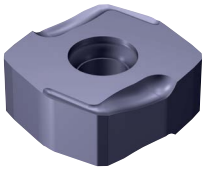

Metric (mm)

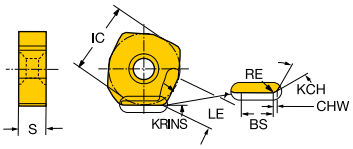
| | | | P | S | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | LE [mm] | BSR [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | MW8 | 345N-13T5E-MW8 | ● | ○ | ○ | 13 | 5.45 | 8.0 | 1.0 | 13.00 | 8.8 | 500.0 | 6.0 | 45.00 | Neutral |

● = First choice ○ = Good choice

# CoroMill® 365, insert for milling

Wiper technology





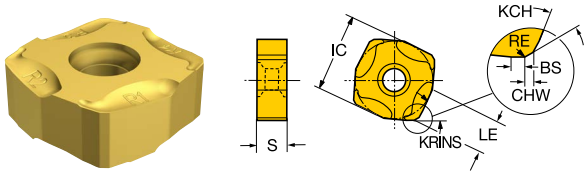

Metric (mm)

| | | | P | M | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | KCH [deg] | CHW [mm] | LE [mm] | BSR [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | PW4 | N365-1505ZNE-PW4 | ● | ○ | 15 | 5.66 | 4.0 | 0.6 | 15.00 | 35.0 | 0.8 | 6.4 | 200.0 | 6.0 | 65.00 | Neutral |
| Light | PW8 | N365-1505ZNE-PW8 | ● | ○ | 15 | 5.66 | 8.0 | 0.2 | 15.00 | 35.0 | 0.8 | 6.4 | 431.0 | 6.0 | 65.00 | Neutral |

● = First choice ○ = Good choice

# CoroMill® 365, insert for milling

R = Right hand, L = Left hand



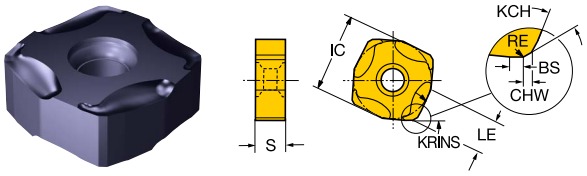

Metric (mm)

| | | | | K | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordering code | 1220 | 1020 | 3220 | 3330 | K20W | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | KCH [deg] | CHW [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Medium | M50 | | L365-1505ZNM-M50 | | ○ | ○ | ● | ○ | 15 | 5.66 | 1.5 | 0.3 | 15.00 | 35.0 | 0.7 | 6.4 | 6.0 | 65.00 | Left |
| | | NEW | R365-1505ZNM-M50 | ○ | ○ | ○ | ● | ○ | 15 | 5.66 | 1.5 | 0.3 | 15.00 | 35.0 | 0.7 | 6.4 | 6.0 | 65.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 365, insert for milling

R = Right hand, L = Left hand



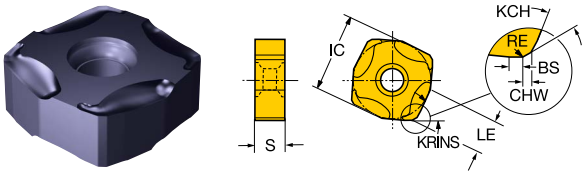

Metric (mm)

| | | | | P | S | K | M | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordering code | 1230 | 1230 | 1220 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | KCH [deg] | CHW [mm] | LE [mm] | BSR [mm] | APMX [mm] | KRINS [deg] | HAND |
| Medium | KM | NEW | R365-1505ZNE-KM | | | ● | | 15 | 5.66 | 1.5 | 0.3 | 15.00 | 35.0 | 0.7 | 6.4 | 150.0 | 6.0 | 65.00 | Right |
| | PM | | R365-1505ZNE-PM | ● | ○ | | ○ | 15 | 5.66 | 1.5 | 0.3 | 15.00 | 35.0 | 0.7 | 6.4 | 150.0 | 6.0 | 65.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 365, insert for milling

R = Right hand, L = Left hand



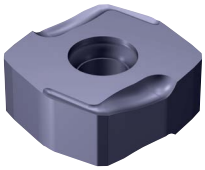

Metric (mm)

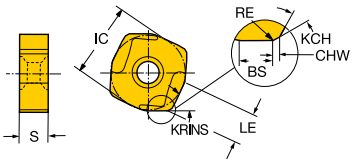
| | | | Ordering code | P 1230 | K 1220 | M 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | KCH [deg] | CHW [mm] | LE [mm] | BSR [mm] | APMX [mm] | KRINS [deg] | HAND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Light | PL | | R365-1505ZNE-PL | ● | | ○ | 15 | 5.66 | 1.5 | 0.3 | 15.00 | 35.0 | 0.7 | 6.4 | 150.0 | 6.0 | 65.00 | Right |
| | KL | NEW | R365-1505ZNE-KL | | ● | | 15 | 5.66 | 1.5 | 0.3 | 15.00 | 35.0 | 0.7 | 6.4 | 150.0 | 6.0 | 65.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 365, insert for milling

Wiper technology



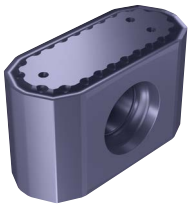


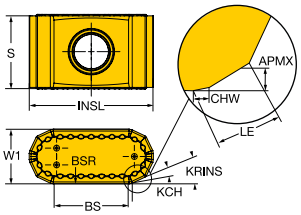

Metric (mm)

| | | | | K | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordering code | 1220 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | KCH [deg] | CHW [mm] | LE [mm] | BSR [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | KW4 | NEW | N365-1505ZNE-KW4 | ● | 15 | 5.66 | 4.0 | 0.6 | 15.00 | 35.0 | 0.8 | 6.4 | 200.0 | 6.0 | 65.00 | Neutral |

● = First choice ○ = Good choice

# CoroMill® 425, insert for milling





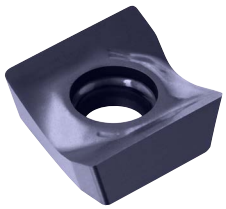

Metric (mm)

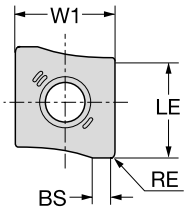
| | | Ordering code | 1220 | SSC | S [mm] | BS [mm] | KCH [deg] | CHW [mm] | W1 [mm] | LE [mm] | BSR [mm] | APMX [mm] | KRINS [deg] | HAND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | K | | | | | | | | | | | |
| Light | KLW | NEW 425N-1707E-KLW12 | ● | 17 | 10.00 | 10.4 | 14.0 | 0.4 | 7.5 | 2.1 | 1250.0 | 0.9 | 25.00 | Neutral |

● = First choice ○ = Good choice

# CoroMill® Century, insert for milling

R = Right hand, L = Left hand





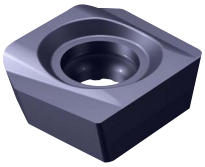

Metric (mm)

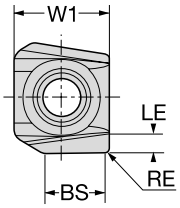
| | | | | P | S | K | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordering code | 1230 | 1230 | 1220 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | BSR [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | KL | NEW | R590-110508H-KL | | | ● | | 11 | 5.00 | 1.7 | 0.8 | 11.5 | 11.0 | 200.0 | 10.0 | 90.00 | Right |
| | PL | | R590-110508H-PL | ● | ○ | | ○ | 11 | 5.00 | 1.7 | 0.8 | 11.5 | 11.0 | 200.0 | 10.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® Century, insert for milling

Wiper technology





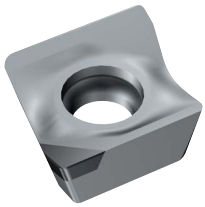

Metric (mm)

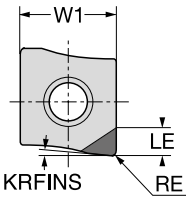
| | | | | P | S | K | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordering code | 1230 | 1230 | 1220 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | BSR [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | KW | NEW | R590-110508H-KW | | | ● | | 11 | 5.00 | 7.0 | 0.8 | 11.5 | 2.0 | 500.0 | 2.0 | 90.00 | Right |
| Light | PTW | | R590-110504H-PTW | ● | ○ | | ○ | 11 | 5.00 | 7.0 | 0.4 | 11.5 | 2.0 | | 2.0 | 90.00 | Right |
| Light | PW | | R590-110508H-PW | ● | ○ | | ○ | 11 | 5.00 | 7.0 | 0.8 | 11.5 | 2.0 | 500.0 | 2.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® Century, insert for milling

R = Right hand, L = Left hand





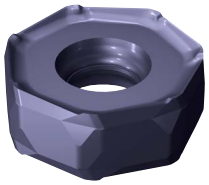

Metric (mm)

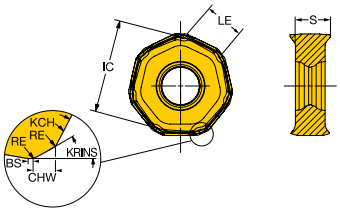
| | | | N | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **Ordering code** | **CD10** | **SSC** | **S [mm]** | **RE [mm]** | **W1 [mm]** | **LE [mm]** | **APMX [mm]** | **KRINS [deg]** | **HAND** |
| **Light** | **NFR** | R590-110504H-PR2-NFR | ● | 11 | 5.00 | 0.4 | 11.5 | 3.0 | 2.0 | 90.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 745, insert for milling

R = Right hand, L = Left hand



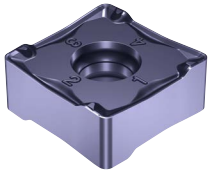


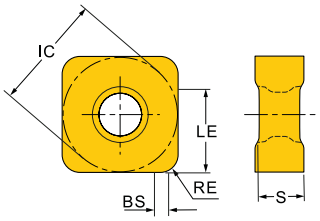

Metric (mm)

| | | | P | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | KCH [deg] | CHW [mm] | LE [mm] | BSR [mm] | APMX [mm] | KRINS [deg] | HAND |
| Medium | M30 | 745R-2109E-M30 | ● | 21 | 9.00 | 0.3 | 1.0 | 21.00 | 17.0 | 1.3 | 8.9 | 25.0 | 5.2 | 42.00 | Right |
| | M31 | 745R-2109E-M31 | ● | 21 | 9.00 | 1.9 | 1.0 | 21.00 | | | 7.1 | 150.0 | 4.5 | 42.00 | Right |
| | M50 | 745R-2109E-M50 | ● | 21 | 9.00 | 0.3 | 1.0 | 21.00 | 17.0 | 1.3 | 8.9 | 25.0 | 5.2 | 42.00 | Right |

● = First choice ○ = Good choice

# CoroMill® MF80, insert for milling



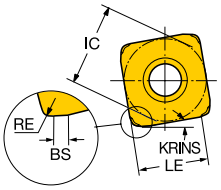


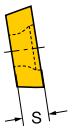

Metric (mm)

| | | | Ordering code | P | | K | | | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | 4330 | 1230 | 4330 | 1220 | 3330 | | | | | | | | | |
| Medium | M50 | NEW | MF80-130508M-M50 | | | | ● | | 13 | 5.00 | 1.6 | 0.8 | 13.00 | 9.0 | 9.0 | 89.50 | Right |
| | | | MF80-130508M-M50 | | ● | | | | 13 | 5.00 | 1.6 | 0.8 | 13.00 | 9.0 | 9.0 | 89.50 | Right |
| | | NEW | MF80-130512M-M50 | | | | ○ | | 13 | 5.00 | 1.6 | 1.2 | 13.00 | 8.6 | 8.6 | 89.50 | Right |
| | | NEW | MF80-130512M-M50 | | ○ | | | | 13 | 5.00 | 1.6 | 1.2 | 13.00 | 8.6 | 8.6 | 89.50 | Right |
| | | NEW | MF80-130512M-M50 | | | | | ● | 13 | 5.00 | 1.6 | 1.2 | 13.00 | 8.6 | 8.6 | 89.50 | Right |
| | | NEW | MF80-130512M-M50 | ● | | ○ | | | 13 | 5.00 | 1.6 | 1.2 | 13.00 | 8.6 | 8.6 | 89.50 | Right |
| | | NEW | MF80-130516M-M50 | | | | ○ | | 13 | 5.00 | 1.6 | 1.6 | 13.00 | 8.2 | 8.2 | 89.50 | Right |
| | | NEW | MF80-130516M-M50 | | ○ | | | | 13 | 5.00 | 1.6 | 1.6 | 13.00 | 8.2 | 8.2 | 89.50 | Right |
| | | NEW | MF80-130516M-M50 | | | | | ● | 13 | 5.00 | 1.6 | 1.6 | 13.00 | 8.2 | 8.2 | 89.50 | Right |
| | | NEW | MF80-130516M-M50 | ● | | ○ | | | 13 | 5.00 | 1.6 | 1.6 | 13.00 | 8.2 | 8.2 | 89.50 | Right |

● = First choice ○ = Good choice

# CoroMill® 210, insert for milling



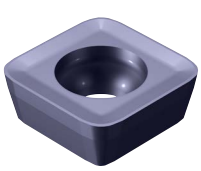



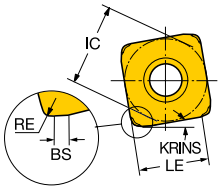

Metric (mm)

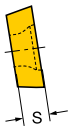
| | | | P | S | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | REEQ [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Medium | PM | R210-09 04 12M-PM | ● | ○ | ○ | 09 | 4.00 | 0.8 | 1.0 | 9.40 | 2.5 | 6.2 | 1.2 | 10.00 | Right |
| | | R210-14 05 12M-PM | ● | ○ | ○ | 14 | 4.76 | 0.8 | 1.0 | 14.50 | 3.5 | 11.3 | 2.0 | 10.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 210, insert for milling



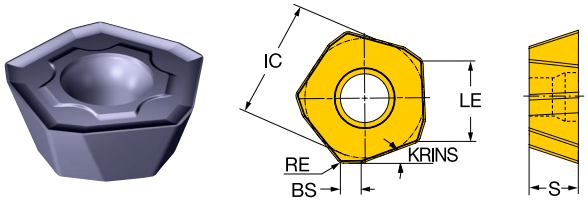



Metric (mm)

| | | | P | S | M | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | REEQ [mm] | LE [mm] | BSR [mm] | APMX [mm] | KRINS [deg] | HAND |
| Medium | PM | R210-09 04 14E-PM | ● | ○ | ○ | 09 | 4.50 | 0.7 | 1.4 | 9.50 | 2.5 | 5.8 | 50.0 | 1.2 | 10.00 | Neutral |
| | | R210-14 05 14E-PM | ● | ○ | ○ | 14 | 5.26 | 0.7 | 1.4 | 14.60 | 3.5 | 10.8 | 50.0 | 2.0 | 10.00 | Neutral |

# CoroMill® 419, insert for milling

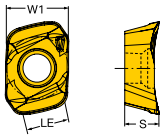



Metric (mm)

| | | | P | S | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | REEQ [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Medium | MM | 419R-1405E-MM | ● | ○ | ○ | 14 | 5.47 | 2.0 | 0.8 | 13.50 | 4.5 | 9.0 | 2.0 | 19.00 | Right |
| | PM | 419R-1405M-PM | ● | ○ | ○ | 14 | 5.47 | 2.0 | 0.8 | 13.50 | 4.5 | 9.0 | 2.0 | 19.00 | Right |
| | SM | 419N-140530E-SM | ● | ○ | ○ | 14 | 5.47 | | 3.0 | 13.50 | 4.5 | 9.0 | 2.0 | 19.00 | Neutral |

● = First choice ○ = Good choice

# CoroMill® MH20, insert for milling

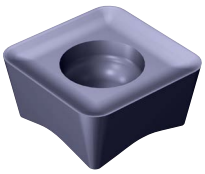



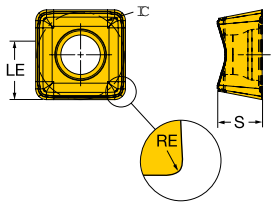

Metric (mm)

| | | | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | **Ordering code** | **1230** | **1230** | **1230** | **SSC** | **S [mm]** | **RE [mm]** | **REEQ [mm]** | **W1 [mm]** | **LE [mm]** | **APMX [mm]** | **KRINS [deg]** | **HAND** |
| **Medium** | **M20** | MH20-060320M-M20 | ● | ○ | ○ | 06 | 3.42 | 1.6 | 2.0 | 6.3 | 4.5 | 0.8 | 15.00 | Right |
| | | MH20-080425M-M20 | ● | ○ | ○ | 08 | 4.03 | 2.1 | 2.5 | 8.3 | 5.9 | 1.2 | 15.00 | Right |
| | **M50** | MH20-060320M-M50 | ● | ○ | ○ | 06 | 3.42 | 1.6 | 2.0 | 6.3 | 4.5 | 0.8 | 15.00 | Right |
| | | MH20-080425M-M50 | ● | ○ | ○ | 08 | 4.03 | 2.1 | 2.5 | 8.3 | 5.9 | 1.2 | 15.00 | Right |

● = First choice ○ = Good choice

# CoroMill® 415, insert for milling



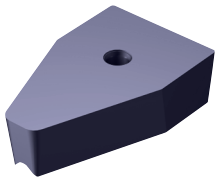


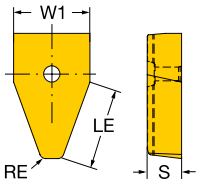

Metric (mm)

| | | | P | S | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | RE [mm] | IC [mm] | REEQ [mm] | CHW [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Medium | M30 | 415N-05 02 06M-M30 | ● | ○ | ○ | 05 | 2.21 | 0.6 | 5.00 | 1.5 | | 3.8 | 0.9 | 15.00 | Neutral |
| | | 415N-05 02 12M-M30 | ● | ○ | ○ | 05 | 2.21 | 1.2 | 5.00 | 2.0 | 0.1 | 3.0 | 0.9 | 15.00 | Neutral |
| | | 415N-07 03 10M-M30 | ● | ○ | ○ | 07 | 3.07 | 1.0 | 7.00 | 2.2 | | 5.0 | 1.2 | 15.00 | Neutral |
| | | 415N-07 03 20M-M30 | ● | ○ | ○ | 07 | 3.07 | 2.0 | 7.00 | 2.8 | 0.1 | 3.0 | 1.2 | 15.00 | Neutral |

● = First choice ○ = Good choice

# CoroMill® 176, insert for gear milling



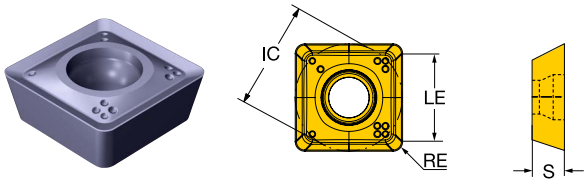



Metric (mm)

| | Ordering code | P 1230 | SSC | S [mm] | PRSPC | W1 [mm] |
|---|---|---|---|---|---|---|
| PM | 176M40-N100608E-PM | ○ | 10 | 5.50 | module 4 | 9.8 |
| | 176M60-N150612E-PM | ○ | 15 | 5.50 | module 6 | 14.7 |
| | 176M80-N210616E-PM | ○ | 21 | 5.50 | module 8 | 19.5 |

● = First choice ○ = Good choice

# CoroMill® 495, insert for milling



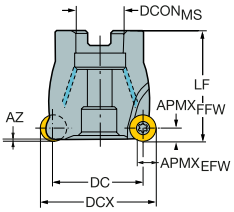

Metric (mm)

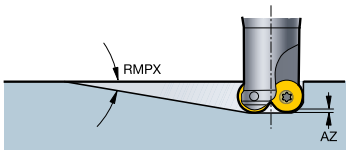
| | | | P | S | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | RE [mm] | IC [mm] | LE [mm] | KRINS [deg] | HAND |
| Medium | PL | 495-09T3M-PM | ● | ○ | ○ | 09 | 3.51 | 0.8 | 9.00 | 7.4 | 90.00 | Neutral |

● = First choice ○ = Good choice

# CoroMill® MR80, face milling cutter

Arbor - Internal coolant supply




Common data values

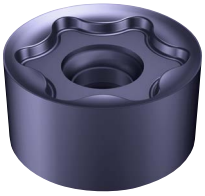
| TQ [ft] |
|---|
| 1.5 |

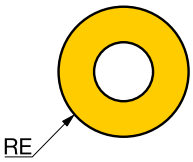
Imperial (inch)

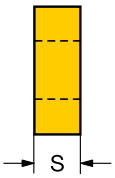
| Ordering code | DC [inch] | DCX [inch] | $APMX_{FFW}$ [inch] | RMPX [deg] | AZ [inch] | CNSC | | $DCON_{MS}$ [inch] | STDLET | LF [inch] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| MR80-AR051R19-12H | 1.528 | 2.000 | 0.236 | 0.74 | 0.014 | 1 | 6 | 0.750 | A | 1.575 | 9300 |
| MR80-AR051R19-12M | 1.528 | 2.000 | 0.236 | 0.74 | 0.014 | 1 | 4 | 0.750 | A | 1.575 | 9300 |
| MR80-AR063R19-12M | 2.028 | 2.500 | 0.236 | 0.59 | 0.017 | 1 | 6 | 0.750 | A | 1.969 | 8300 |
| MR80-AR076R25-12M | 2.528 | 3.000 | 0.236 | 0.43 | 0.017 | 1 | 8 | 1.000 | A | 1.969 | 7400 |
| MR80-AR102R38-12M | 3.528 | 4.000 | 0.236 | 0.33 | 0.017 | 1 | 10 | 1.500 | B | 1.969 | 6600 |

# CoroMill® MR80, insert for milling

Round insert





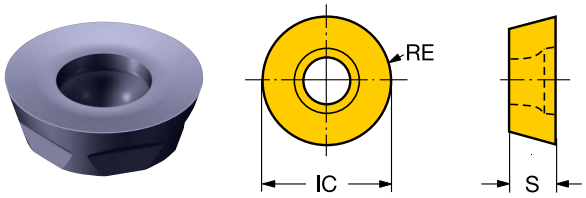




Metric (mm)

| | | | P | S | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | RE [mm] | IC [mm] | APMX [mm] | HAND |
| Light | L50 | MR80-1206E-L50 | ● | ○ | ○ | 1206 | 6.00 | 6.0 | 12.00 | 3.0 | Neutral |

● = First choice ○ = Good choice

# CoroMill® 300, insert for milling




Metric (mm)

| | | | P | S | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | RE [mm] | IC [mm] | APMX [mm] | HAND |
| Light | PL | R300-0828E-PL | ● | ○ | ○ | 08 | 2.78 | 4.0 | 8.00 | 4.0 | Neutral |
| | | R300-1032E-PL | ● | ○ | ○ | 10 | 3.17 | 5.0 | 10.00 | 2.5 | Neutral |
| | | R300-1240E-PL | ● | ○ | ○ | 12 | 3.97 | 6.0 | 12.00 | 3.0 | Neutral |
| | | R300-1648E-PL | ● | ○ | ○ | 16 | 4.76 | 8.0 | 16.00 | 4.0 | Neutral |
| | | R300-2060E-PL | ● | ○ | ○ | 20 | 6.48 | 10.0 | 20.00 | 2.9 | Neutral |

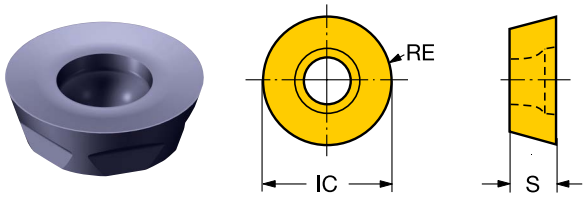
● = First choice ○ = Good choice

Imperial (inch)

| | | | P | S | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [inch] | RE [inch] | IC [inch] | APMX [inch] | HAND |
| Light | PL | R300-1340E-PL | ● | ○ | ○ | 13 | 0.156 | 0.250 | 0.500 | 0.125 | Neutral |
| | | R300-2570E-PL | ● | ○ | ○ | 25 | 0.313 | 0.500 | 1.000 | 0.146 | Neutral |

● = First choice ○ = Good choice

# CoroMill® 300, insert for milling

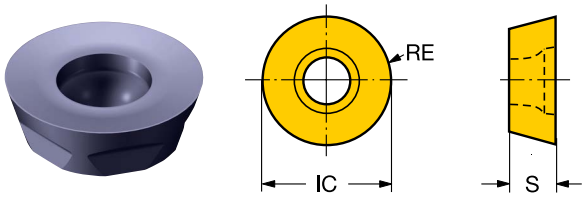



Metric (mm)

| | | | P | S | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | SSC | S [mm] | RE [mm] | IC [mm] | APMX [mm] | HAND |
| Medium | PM | R300-0517E-PM | ● | | 05 | 1.70 | 2.5 | 5.00 | 2.5 | Neutral |
| | | R300-0720E-PM | ● | | 07 20 | 1.99 | 3.5 | 7.00 | 3.5 | Neutral |
| | | R300-0724E-PM | ● | | 07 24 | 2.38 | 3.5 | 7.00 | 3.5 | Neutral |
| | | R300-0828E-PM | ● | ○ | 08 | 2.78 | 4.0 | 8.00 | 4.0 | Neutral |
| | | R300-0828M-PM | ● | ○ | 08 | 2.78 | 4.0 | 8.00 | 4.0 | Neutral |
| | | R300-1032E-PM | ● | | 10 | 3.17 | 5.0 | 10.00 | 2.5 | Neutral |
| | | R300-1032M-PM | ● | | 10 | 3.17 | 5.0 | 10.00 | 2.5 | Neutral |
| | | R300-1240E-PM | ● | | 12 | 3.97 | 6.0 | 12.00 | 3.0 | Neutral |
| | | R300-1240M-PM | ● | | 12 | 3.97 | 6.0 | 12.00 | 3.0 | Neutral |
| | | R300-1648E-PM | ● | | 16 | 4.76 | 8.0 | 16.00 | 4.0 | Neutral |
| | | R300-1648M-PM | ● | | 16 | 4.76 | 8.0 | 16.00 | 4.0 | Neutral |
| | | R300-2060E-PM | ● | | 20 | 6.48 | 10.0 | 20.00 | 2.9 | Neutral |
| | | R300-2060M-PM | ● | | 20 | 6.48 | 10.0 | 20.00 | 2.9 | Neutral |

● = First choice ○ = Good choice

# CoroMill® 300, insert for milling

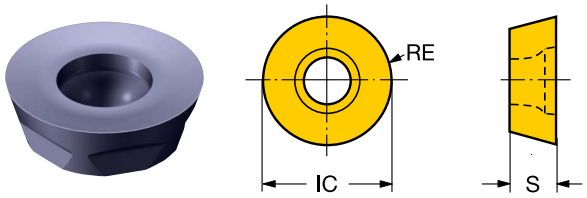



Imperial (inch)

| | | | Ordering code | 1230 | SSC | S [inch] | RE [inch] | IC [inch] | APMX [inch] | HAND |
|---|---|---|---|---|---|---|---|---|---|---|
| | | P | | | | | | | | |
| Medium | PM | | R300-0932E-PM | ● | 09 | 0.125 | 0.188 | 0.375 | 0.094 | Neutral |
| | | | R300-0932M-PM | ● | 09 | 0.125 | 0.188 | 0.375 | 0.094 | Neutral |
| | | | R300-1340E-PM | ● | 13 | 0.156 | 0.250 | 0.500 | 0.125 | Neutral |
| | | | R300-1340M-PM | ● | 13 | 0.156 | 0.250 | 0.500 | 0.125 | Neutral |
| | | | R300-2570M-PM | ● | 25 | 0.313 | 0.500 | 1.000 | 0.146 | Neutral |

● = First choice ○ = Good choice

# CoroMill® 300, insert for milling




Metric (mm)

| | | | P | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | SSC | S [mm] | RE [mm] | IC [mm] | APMX [mm] | HAND |
| Heavy | PH | R300-0828M-PH | ● | 08 | 2.78 | 4.0 | 8.00 | 4.0 | Neutral |
| | | R300-1032M-PH | ● | 10 | 3.17 | 5.0 | 10.00 | 2.5 | Neutral |
| | | R300-1240M-PH | ● | 12 | 3.97 | 6.0 | 12.00 | 3.0 | Neutral |
| | | R300-1648M-PH | ● | 16 | 4.76 | 8.0 | 16.00 | 4.0 | Neutral |
| | | R300-2060M-PH | ● | 20 | 6.48 | 10.0 | 20.00 | 2.9 | Neutral |

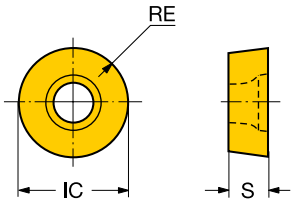
● = First choice ○ = Good choice

Imperial (inch)

| | | | P | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | SSC | S [inch] | RE [inch] | IC [inch] | APMX [inch] | HAND |
| Heavy | PH | R300-1340M-PH | ● | 13 | 0.156 | 0.250 | 0.500 | 0.125 | Neutral |
| | | R300-2570M-PH | ● | 25 | 0.313 | 0.500 | 1.000 | 0.146 | Neutral |

● = First choice ○ = Good choice

# CoroMill® 200, insert for milling




Metric (mm)

| | | | P | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | SSC | S [mm] | RE [mm] | IC [mm] | APMX [mm] | HAND |
| Heavy | PH | RCKT 10 T3 M0-PH | ● | | 10 | 3.97 | 5.0 | 10.00 | 5.0 | Neutral |
| | | RCKT 12 04 M0-PH | ● | | 12 | 4.76 | 6.0 | 12.00 | 1.8 | Neutral |
| | | RCKT 16 06 M0-PH | ● | | 16 | 6.35 | 8.0 | 16.00 | 2.3 | Neutral |
| | | RCKT 20 06 M0-PH | ● | | 20 | 6.35 | 10.0 | 20.00 | 2.9 | Neutral |
| Light | PL | RCHT 10 T3 M0-PL | ● | ○ | 10 | 3.97 | 5.0 | 10.00 | 5.0 | Neutral |
| | | RCHT 12 04 M0-PL | ● | ○ | 12 | 4.76 | 6.0 | 12.00 | 1.8 | Neutral |
| | | RCHT 16 06 M0-PL | ● | ○ | 16 | 6.35 | 8.0 | 16.00 | 2.3 | Neutral |
| | | RCHT 20 06 M0-PL | ● | ○ | 20 | 6.35 | 10.0 | 20.00 | 2.9 | Neutral |
| Medium | PM | RCKT 10 T3 M0-PM | ● | ○ | 10 | 3.97 | 5.0 | 10.00 | 5.0 | Neutral |
| | | RCKT 12 04 M0-PM | ● | ○ | 12 | 4.76 | 6.0 | 12.00 | 1.8 | Neutral |
| | | RCKT 16 06 M0-PM | ● | ○ | 16 | 6.35 | 8.0 | 16.00 | 2.3 | Neutral |
| | | RCKT 20 06 M0-PM | ● | ○ | 20 | 6.35 | 10.0 | 20.00 | 2.9 | Neutral |

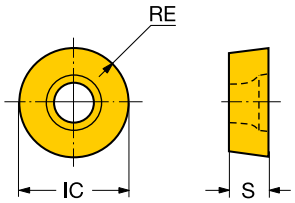
● = First choice ○ = Good choice

Imperial (inch)

| | | | P | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | SSC | S [inch] | RE [inch] | IC [inch] | APMX [inch] | HAND |
| Heavy | PH | RCKT 09 T3 00-PH | ● | | 3/8 | 0.156 | 0.188 | 0.375 | 0.188 | Neutral |
| | | RCKT 13 04 00-PH | ● | | 1/2 | 0.188 | 0.250 | 0.500 | 0.073 | Neutral |
| | | RCKT 19 06 00-PH | ● | | 3/4 | 0.250 | 0.375 | 0.750 | 0.110 | Neutral |

● = First choice ○ = Good choice

# CoroMill® 200, insert for milling

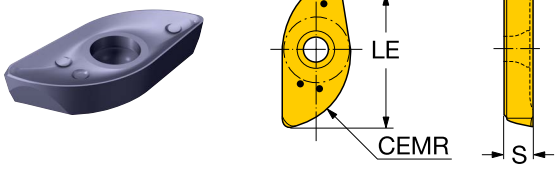



Imperial (inch)

| | | | P | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | SSC | S [inch] | RE [inch] | IC [inch] | APMX [inch] | HAND |
| Light | PL | RCHT 09 T3 00-PL | ● | ○ | 3/8 | 0.156 | 0.188 | 0.375 | 0.188 | Neutral |
| | | RCHT 13 04 00-PL | ● | ○ | 1/2 | 0.188 | 0.250 | 0.500 | 0.073 | Neutral |
| | | RCHT 19 06 00-PL | ● | ○ | 3/4 | 0.250 | 0.375 | 0.750 | 0.110 | Neutral |
| Medium | PM | RCKT 09 T3 00-PM | ● | ○ | 3/8 | 0.156 | 0.188 | 0.375 | 0.188 | Neutral |
| | | RCKT 13 04 00-PM | ● | ○ | 1/2 | 0.188 | 0.250 | 0.500 | 0.073 | Neutral |
| | | RCKT 19 06 00-PM | ● | ○ | 3/4 | 0.250 | 0.375 | 0.750 | 0.110 | Neutral |

● = First choice ○ = Good choice

# CoroMill® 216, insert for profile milling

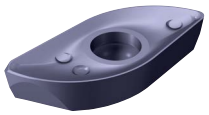


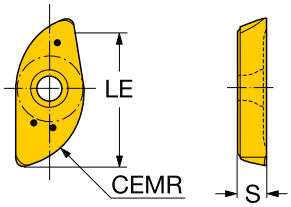

Metric (mm)

| | | | Ordering code | P 1230 | S 1230 | M 1230 | SSC | S [mm] | CEMR [mm] | LE [mm] | HAND |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Medium | E-M | NEW | R216-10 02 E-M | ● | ○ | ○ | 10 | 1.70 | 4.90 | 8.6 | Right |
| | | NEW | R216-12 02 E-M | ● | ○ | ○ | 12 | 2.38 | 5.87 | 10.8 | Right |
| | | NEW | R216-16 03 E-M | ● | ○ | ○ | 16 | 3.17 | 7.84 | 14.4 | Right |
| | | NEW | R216-20 T3 E-M | ● | ○ | ○ | 20 | 3.97 | 9.81 | 17.9 | Right |
| | | NEW | R216-25 04 E-M | ● | ○ | ○ | 25 | 4.76 | 12.27 | 22.3 | Right |
| | | NEW | R216-30 06 E-M | ● | ○ | ○ | 30 | 6.35 | 14.73 | 26.9 | Right |
| | | NEW | R216-32 06 E-M | ● | ○ | ○ | 32 | 6.35 | 15.72 | 28.6 | Right |
| | | NEW | R216-40 07 E-M | ● | ○ | ○ | 40 | 7.94 | 19.66 | 36.5 | Right |
| | | NEW | R216-50 07 E-M | ● | ○ | ○ | 50 | 7.94 | 24.58 | 44.6 | Right |
| | M-M | NEW | R216-12 02 M-M | ● | ○ | ○ | 12 | 2.38 | 6.00 | 10.8 | Right |
| | | NEW | R216-16 03 M-M | ● | ○ | ○ | 16 | 3.17 | 8.00 | 14.4 | Right |
| | | NEW | R216-20 T3 M-M | ● | ○ | ○ | 20 | 3.97 | 10.00 | 17.9 | Right |
| | | NEW | R216-25 04 M-M | ● | ○ | ○ | 25 | 4.76 | 12.50 | 22.3 | Right |
| | | NEW | R216-30 06 M-M | ● | ○ | ○ | 30 | 6.35 | 15.00 | 26.9 | Right |
| | | NEW | R216-32 06 M-M | ● | ○ | ○ | 32 | 6.35 | 16.00 | 28.6 | Right |
| | | NEW | R216-40 07 M-M | ● | ○ | ○ | 40 | 7.94 | 20.00 | 36.5 | Right |
| | | NEW | R216-50 07 M-M | ● | ○ | ○ | 50 | 7.94 | 25.00 | 44.6 | Right |

● = First choice ○ = Good choice

# CoroMill® 216, insert for profile milling



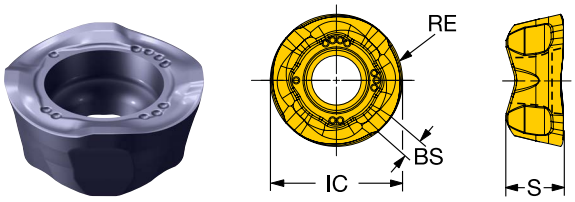



Imperial (inch)

| | | | Ordering code | P 1230 | S 1230 | M 1230 | SSC | S [inch] | CEMR [inch] | LE [inch] | HAND |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Medium | E-M | NEW | RA216-10 02 E-M | ● | ○ | ○ | 3/8 | 0.067 | 0.183 | 0.310 | Right |
| | | NEW | RA216-13 02 E-M | ● | ○ | ○ | 1/2 | 0.094 | 0.244 | 0.444 | Right |
| | | NEW | RA216-16 03 E-M | ● | ○ | ○ | 5/8 | 0.125 | 0.306 | 0.559 | Right |
| | | NEW | RA216-19 T3 E-M | ● | ○ | ○ | 3/4 | 0.156 | 0.368 | 0.669 | Right |
| | | NEW | RA216-25 04 E-M | ● | ○ | ○ | 1 | 0.188 | 0.491 | 0.893 | Right |
| | | NEW | RA216-32 06 E-M | ● | ○ | ○ | 1 1/4 | 0.250 | 0.614 | 1.114 | Right |
| | M-M | NEW | RA216-13 02 M-M | ● | ○ | ○ | 1/2 | 0.094 | 0.250 | 0.444 | Right |
| | | NEW | RA216-16 03 M-M | ● | ○ | ○ | 5/8 | 0.125 | 0.313 | 0.559 | Right |
| | | NEW | RA216-19 T3 M-M | ● | ○ | ○ | 3/4 | 0.156 | 0.375 | 0.669 | Right |
| | | NEW | RA216-25 04 M-M | ● | ○ | ○ | 1 | 0.188 | 0.500 | 0.893 | Right |
| | | NEW | RA216-32 06 M-M | ● | ○ | ○ | 1 1/4 | 0.250 | 0.625 | 1.114 | Right |
| | | NEW | RA216-38 07 M-M | ● | ○ | ○ | 1 1/2 | 0.313 | 0.750 | 1.299 | Right |
| | | NEW | RA216-51 07 M-M | ● | ○ | ○ | 2 | 0.313 | 1.000 | 1.791 | Right |

● = First choice ○ = Good choice

# CoroMill® 600, insert for milling

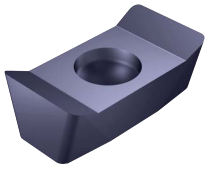


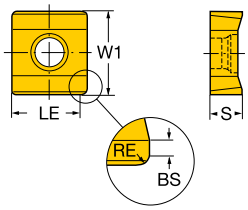

Metric (mm)

| | | | P | S | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | RE [mm] | IC [mm] | APMX [mm] | HAND |
| Light | ML | 600-1045E-ML | ● | ○ | ○ | 10 | 4.50 | 5.0 | 10.00 | 5.0 | Neutral |
| | | 600-1045M-ML | ● | ○ | ○ | 10 | 4.50 | 5.0 | 10.00 | 5.0 | Neutral |
| | | 600-1252E-ML | ● | ○ | ○ | 12 | 5.20 | 6.0 | 12.00 | 6.0 | Neutral |
| | | 600-1252M-ML | ● | ○ | ○ | 12 | 5.20 | 6.0 | 12.00 | 6.0 | Neutral |

● = First choice ○ = Good choice

# CoroMill® 331, insert for side and face milling

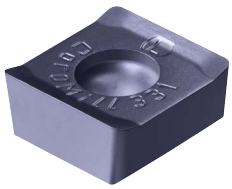


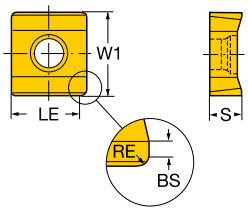



Metric (mm)

| | | | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | NL | N331.1A-04 35 05H-NL | ● | ○ | ○ | 04 | 3.50 | 0.2 | 0.5 | 9.5 | 4.6 | 4.6 | 90.00 | Neutral |
| | | N331.1A-05 45 08H-NL | ● | ○ | ○ | 05 | 4.45 | 0.8 | 0.8 | 9.5 | 5.7 | 5.7 | 90.00 | Neutral |
| | | N331.1A-08 45 08H-NL | ● | ○ | ○ | 08 | 4.45 | 0.9 | 0.8 | 9.5 | 7.7 | 7.7 | 90.00 | Neutral |
| | | N331.1A-11 50 08H-NL | ● | ○ | ○ | 11 | 4.95 | 1.3 | 0.8 | 11.5 | 10.7 | 10.7 | 90.00 | Neutral |
| | | N331.1A-14 50 08H-NL | ● | ○ | ○ | 14 | 4.95 | 1.1 | 0.8 | 11.5 | 13.7 | 13.7 | 90.00 | Neutral |

# CoroMill® 331, insert for side and face milling

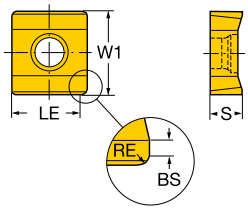





Metric (mm)

| | | | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | PL | N331.1A-08 45 20H-PL | ● | ○ | ○ | 08 | 4.45 | 1.2 | 2.0 | 9.5 | 6.5 | 6.5 | 90.00 | Neutral |
| | | N331.1A-11 50 20H-PL | ● | ○ | ○ | 11 | 5.00 | 1.2 | 2.0 | 11.5 | 9.5 | 9.5 | 90.00 | Neutral |

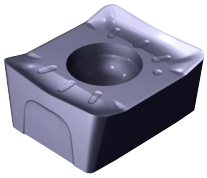
# CoroMill® 331, insert for side and face milling

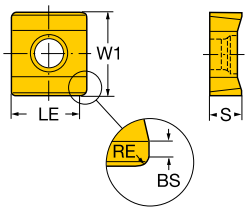



Metric (mm)

| | | | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | WL | N331.1A-04 35 05H-WL | ● | ○ | ○ | 04 | 3.50 | 0.4 | 0.5 | 9.5 | 4.6 | 4.6 | 90.00 | Neutral |
| | | N331.1A-05 45 08H-WL | ● | ○ | ○ | 05 | 4.45 | 1.2 | 0.8 | 9.5 | 5.7 | 5.7 | 90.00 | Neutral |
| | | N331.1A-08 45 08H-WL | ● | ○ | ○ | 08 | 4.45 | 1.2 | 0.8 | 9.5 | 7.7 | 7.7 | 90.00 | Neutral |
| | | N331.1A-11 50 08H-WL | ● | ○ | ○ | 11 | 4.95 | 1.2 | 0.8 | 11.5 | 10.7 | 10.7 | 90.00 | Neutral |
| | | N331.1A-14 50 08H-WL | ● | ○ | ○ | 14 | 4.95 | 1.2 | 0.8 | 11.5 | 13.7 | 13.7 | 90.00 | Neutral |

# CoroMill® 331, insert for side and face milling



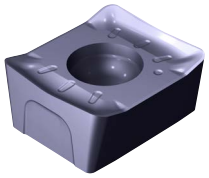


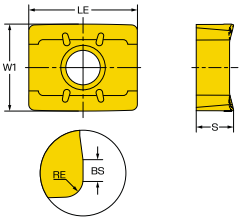

Metric (mm)

| | | | Ordering code | K 1220 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Light | KL | NEW | N331.1A-08 45 08E-KL | ● | 08 | 4.45 | 1.2 | 0.8 | 9.5 | 7.7 | 7.7 | 90.00 | Neutral |
| | | NEW | N331.1A-11 50 08E-KL | ● | 11 | 4.95 | 1.2 | 0.8 | 11.5 | 10.7 | 10.7 | 90.00 | Neutral |

● = First choice ○ = Good choice

# CoroMill® 331, insert for side and face milling

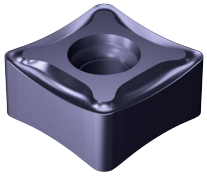


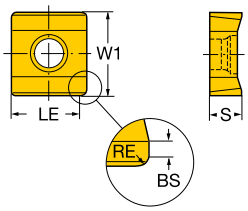



Metric (mm)

| | | | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | L50 | N331.1A-043505E-L50 | ● | ○ | ○ | 04 | 3.50 | 0.4 | 0.5 | 9.5 | 4.6 | 4.6 | 90.00 | Neutral |
| | | N331.1A-054508E-L50 | ● | ○ | ○ | 05 | 4.45 | 1.2 | 0.8 | 9.5 | 5.7 | 5.7 | 90.00 | Neutral |
| | | N331.1A-084508E-L50 | ● | ○ | ○ | 08 | 4.45 | 1.2 | 0.8 | 9.5 | 7.7 | 7.7 | 90.00 | Neutral |
| | | N331.1A-115008E-L50 | ● | ○ | ○ | 11 | 4.95 | 1.2 | 0.8 | 11.5 | 10.7 | 10.7 | 90.00 | Neutral |
| | | N331.1A-145008E-L50 | ● | ○ | ○ | 14 | 4.95 | 1.2 | 0.8 | 11.5 | 13.7 | 13.7 | 90.00 | Neutral |

# CoroMill® 331, insert for side and face milling

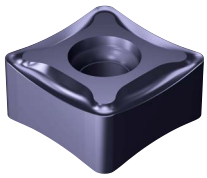


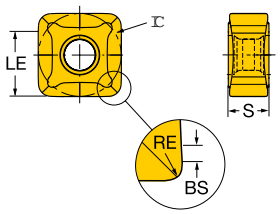



Metric (mm)

| | | | P | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Medium | PM | N331.1A-08 45 20H-PM | ● | 08 | 4.45 | 1.2 | 2.0 | 9.5 | 6.5 | 6.5 | 90.00 | Neutral |
| | | N331.1A-11 50 20H-PM | ● | 11 | 4.95 | 1.2 | 2.0 | 11.5 | 9.5 | 9.5 | 90.00 | Neutral |

# CoroMill® 331, insert for side and face milling



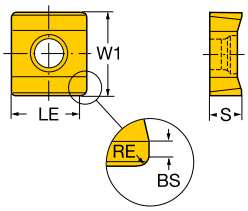



Metric (mm)

| | | | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | IC [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Medium | PM | N331.1D-136508E-PM | ● | ○ | ○ | 13 | 6.55 | 1.2 | 0.8 | 13.40 | 11.4 | 11.4 | 88.00 | Neutral |
| Medium | PM | N331.1D-136520E-PM | ● | ○ | ○ | 13 | 6.55 | 1.2 | 2.0 | 13.40 | 10.2 | 10.1 | 88.00 | Neutral |

● = First choice ○ = Good choice

# CoroMill® 331, insert for side and face milling

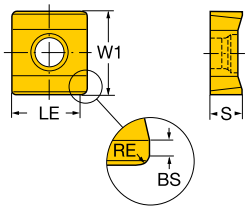



Metric (mm)

| | | | Ordering code | K 1220 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Medium | KM | NEW | N331.1A-08 45 08M-KM | ● | 08 | 4.45 | 1.2 | 0.8 | 9.5 | 7.7 | 7.7 | 90.00 | Neutral |
| | | NEW | N331.1A-11 50 08M-KM | ● | 11 | 4.95 | 1.2 | 0.8 | 11.5 | 10.7 | 10.7 | 90.00 | Neutral |

● = First choice ○ = Good choice

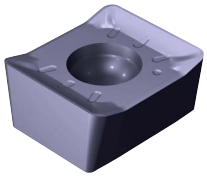
# CoroMill® 331, insert for side and face milling

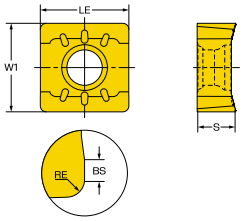



Metric (mm)

| | | | K | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1220 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Medium | KM | NEW N331.1A-11 50 08E-KM | ● | 11 | 4.95 | 1.2 | 0.8 | 11.5 | 10.7 | 10.7 | 90.00 | Neutral |

# CoroMill® 331, insert for side and face milling

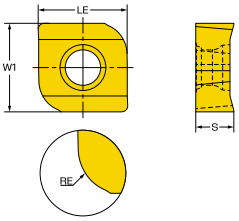





Metric (mm)

| | | | Ordering code | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | P | | | | | | | | | |
| Medium | M30 | | N331.1A-043505E-M30 | ● | 04 | 3.50 | 0.4 | 0.5 | 9.5 | 4.6 | 4.6 | 90.00 | Neutral |
| | | | N331.1A-054508E-M30 | ● | 05 | 4.45 | 1.2 | 0.8 | 9.5 | 5.7 | 5.7 | 90.00 | Neutral |
| | | | N331.1A-084508E-M30 | ● | 08 | 4.45 | 1.2 | 0.8 | 9.5 | 7.7 | 7.7 | 90.00 | Neutral |
| | | | N331.1A-115008E-M30 | ● | 11 | 4.95 | 1.2 | 0.8 | 11.5 | 10.7 | 10.7 | 90.00 | Neutral |
| | | | N331.1A-145008E-M30 | ● | 14 | 4.95 | 1.2 | 0.8 | 11.5 | 13.7 | 13.7 | 90.00 | Neutral |

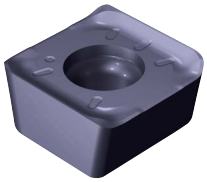
# CoroMill® 331, insert for side and face milling

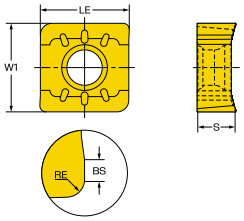



Metric (mm)

| | | | P | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Medium | WM | L331.1A-08 45 40H-WM | ● | ○ | 08 | 4.45 | 1.4 | 4.0 | 9.5 | 7.7 | 7.7 | 90.00 | Left |
| | | L331.1A-11 50 40H-WM | ● | ○ | 11 | 4.95 | 1.4 | 4.0 | 11.5 | 10.7 | 10.7 | 90.00 | Left |
| | | L331.1A-14 50 40H-WM | ● | ○ | 14 | 4.95 | 1.4 | 4.0 | 11.5 | 13.7 | 13.7 | 90.00 | Left |
| | | R331.1A-08 45 40H-WM | ● | ○ | 08 | 4.45 | 1.4 | 4.0 | 9.5 | 7.7 | 7.7 | 90.00 | Right |
| | | R331.1A-11 50 40H-WM | ● | ○ | 11 | 4.95 | 1.4 | 4.0 | 11.5 | 10.7 | 10.7 | 90.00 | Right |
| | | R331.1A-14 50 40H-WM | ● | ○ | 14 | 4.95 | 1.4 | 4.0 | 11.5 | 13.7 | 13.7 | 90.00 | Right |

# CoroMill® 331, insert for side and face milling



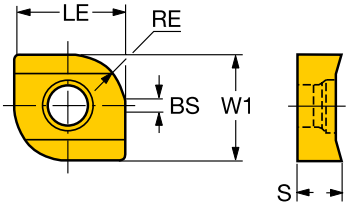



Metric (mm)

| | | | Ordering code | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P | | | | | | | | | | | |
| Medium | M30 | | L331.1A-115015E-M30 | ● | 11 | 4.95 | 1.2 | 1.5 | 11.5 | 10.7 | 10.7 | 90.00 | Left |
| | | | L331.1A-115023E-M30 | ● | 11 | 5.00 | 1.2 | 2.3 | 11.5 | 10.7 | 10.7 | 90.00 | Left |
| | | | L331.1A-115030E-M30 | ● | 11 | 5.00 | 1.3 | 3.0 | 11.5 | 10.7 | 10.7 | 90.00 | Left |
| | | | R331.1A-115015E-M30 | ● | 11 | 5.00 | 1.2 | 1.5 | 11.5 | 10.7 | 10.7 | 90.00 | Right |
| | | | R331.1A-115023E-M30 | ● | 11 | 5.00 | 1.2 | 2.3 | 11.5 | 10.7 | 10.7 | 90.00 | Right |
| | | | R331.1A-115030E-M30 | ● | 11 | 5.00 | 1.3 | 3.0 | 11.5 | 10.7 | 10.7 | 90.00 | Right |

# CoroMill® 331, insert for side and face milling

Cutter bodies for radii inserts available as Tailor Made

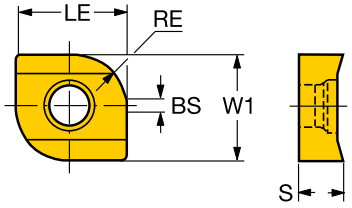



Metric (mm)

| | | | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | WL | L331.1A-04 35 15H-WL | ● | ○ | ○ | 04 | 3.50 | 0.4 | 1.5 | 9.5 | 4.6 | 4.6 | 90.00 | Left |
| | | L331.1A-04 35 23H-WL | ● | ○ | ○ | 04 | 3.50 | 0.4 | 2.3 | 9.5 | 4.6 | 4.6 | 90.00 | Left |
| | | L331.1A-05 45 15H-WL | ● | ○ | ○ | 05 | 4.45 | 1.2 | 1.5 | 9.5 | 5.7 | 5.7 | 90.00 | Left |
| | | L331.1A-05 45 23H-WL | ● | ○ | ○ | 05 | 4.45 | 1.2 | 2.3 | 9.5 | 5.7 | 5.7 | 90.00 | Left |
| | | L331.1A-05 45 30H-WL | ● | ○ | ○ | 05 | 4.45 | 1.3 | 3.0 | 9.5 | 5.7 | 5.7 | 90.00 | Left |
| | | L331.1A-08 45 15H-WL | ● | ○ | ○ | 08 | 4.45 | 1.2 | 1.5 | 9.5 | 7.7 | 7.7 | 90.00 | Left |
| | | L331.1A-08 45 23H-WL | ● | ○ | ○ | 08 | 4.45 | 1.2 | 2.3 | 9.5 | 7.7 | 7.7 | 90.00 | Left |
| | | L331.1A-08 45 30H-WL | ● | ○ | ○ | 08 | 4.45 | 1.3 | 3.0 | 9.5 | 7.7 | 7.7 | 90.00 | Left |
| | | L331.1A-11 50 15H-WL | ● | ○ | ○ | 11 | 4.95 | 1.2 | 1.5 | 11.5 | 10.7 | 10.7 | 90.00 | Left |
| | | L331.1A-11 50 23H-WL | ● | ○ | ○ | 11 | 4.95 | 1.2 | 2.3 | 11.5 | 10.7 | 10.7 | 90.00 | Left |
| | | L331.1A-11 50 30H-WL | ● | ○ | ○ | 11 | 4.95 | 1.3 | 3.0 | 11.5 | 10.7 | 10.7 | 90.00 | Left |
| | | L331.1A-11 50 48H-WL | ● | ○ | ○ | 11 | 4.95 | 1.5 | 4.8 | 11.5 | 10.7 | 10.7 | 90.00 | Left |
| | | L331.1A-11 50 63H-WL | ● | ○ | ○ | 11 | 4.95 | 1.6 | 6.3 | 11.5 | 10.7 | 10.7 | 90.00 | Left |
| | | L331.1A-14 50 15H-WL | ● | ○ | ○ | 14 | 4.95 | 1.2 | 1.5 | 11.5 | 13.7 | 13.7 | 90.00 | Left |
| | | L331.1A-14 50 23H-WL | ● | ○ | ○ | 14 | 4.95 | 1.2 | 2.3 | 11.5 | 13.7 | 13.7 | 90.00 | Left |
| | | L331.1A-14 50 30H-WL | ● | ○ | ○ | 14 | 4.95 | 1.3 | 3.0 | 11.5 | 13.7 | 13.7 | 90.00 | Left |
| | | L331.1A-14 50 48H-WL | ● | ○ | ○ | 14 | 4.95 | 1.5 | 4.8 | 11.5 | 13.7 | 13.7 | 90.00 | Left |
| | | L331.1A-14 50 63H-WL | ● | ○ | ○ | 14 | 4.95 | 1.6 | 6.3 | 11.5 | 13.7 | 13.7 | 90.00 | Left |

# CoroMill® 331, insert for side and face milling

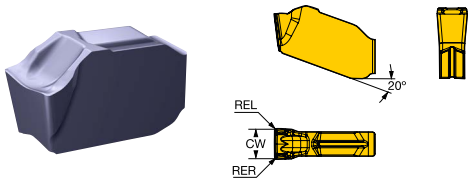
Cutter bodies for radii inserts available as Tailor Made




Metric (mm)

| | | | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | BS [mm] | RE [mm] | W1 [mm] | LE [mm] | APMX [mm] | KRINS [deg] | HAND |
| Light | WL | R331.1A-04 35 15H-WL | ● | ○ | ○ | 04 | 3.50 | 0.4 | 1.5 | 9.5 | 4.6 | 4.6 | 90.00 | Right |
| | | R331.1A-04 35 23H-WL | ● | ○ | ○ | 04 | 3.50 | 0.4 | 2.3 | 9.5 | 4.6 | 4.6 | 90.00 | Right |
| | | R331.1A-05 45 15H-WL | ● | ○ | ○ | 05 | 4.45 | 1.2 | 1.5 | 9.5 | 5.7 | 5.7 | 90.00 | Right |
| | | R331.1A-05 45 23H-WL | ● | ○ | ○ | 05 | 4.45 | 1.2 | 2.3 | 9.5 | 5.7 | 5.7 | 90.00 | Right |
| | | R331.1A-05 45 30H-WL | ● | ○ | ○ | 05 | 4.45 | 1.3 | 3.0 | 9.5 | 5.7 | 5.7 | 90.00 | Right |
| | | R331.1A-08 45 15H-WL | ● | ○ | ○ | 08 | 4.50 | 1.2 | 1.5 | 9.5 | 7.7 | 7.7 | 90.00 | Right |
| | | R331.1A-08 45 23H-WL | ● | ○ | ○ | 08 | 4.50 | 1.2 | 2.3 | 9.5 | 7.7 | 7.7 | 90.00 | Right |
| | | R331.1A-08 45 30H-WL | ● | ○ | ○ | 08 | 4.45 | 1.3 | 3.0 | 9.5 | 7.7 | 7.7 | 90.00 | Right |
| | | R331.1A-11 50 15H-WL | ● | ○ | ○ | 11 | 5.00 | 1.2 | 1.5 | 11.5 | 10.7 | 10.7 | 90.00 | Right |
| | | R331.1A-11 50 23H-WL | ● | ○ | ○ | 11 | 5.00 | 1.2 | 2.3 | 11.5 | 10.7 | 10.7 | 90.00 | Right |
| | | R331.1A-11 50 30H-WL | ● | ○ | ○ | 11 | 4.95 | 1.3 | 3.0 | 11.5 | 10.7 | 10.7 | 90.00 | Right |
| | | R331.1A-11 50 48H-WL | ● | ○ | ○ | 11 | 4.95 | 1.5 | 4.8 | 11.5 | 10.7 | 10.7 | 90.00 | Right |
| | | R331.1A-11 50 63H-WL | ● | ○ | ○ | 11 | 4.95 | 1.6 | 6.3 | 11.5 | 10.7 | 10.7 | 90.00 | Right |
| | | R331.1A-14 50 15H-WL | ● | ○ | ○ | 14 | 4.95 | 1.2 | 1.5 | 11.5 | 13.7 | 13.7 | 90.00 | Right |
| | | R331.1A-14 50 23H-WL | ● | ○ | ○ | 14 | 4.95 | 1.2 | 2.3 | 11.5 | 13.7 | 13.7 | 90.00 | Right |
| | | R331.1A-14 50 30H-WL | ● | ○ | ○ | 14 | 4.95 | 1.3 | 3.0 | 11.5 | 13.7 | 13.7 | 90.00 | Right |
| | | R331.1A-14 50 48H-WL | ● | ○ | ○ | 14 | 4.95 | 1.5 | 4.8 | 11.5 | 13.7 | 13.7 | 90.00 | Right |
| | | R331.1A-14 50 63H-WL | ● | ○ | ○ | 14 | 4.95 | 1.6 | 6.3 | 11.5 | 13.7 | 13.7 | 90.00 | Right |

# CoroMill® QD, insert for grooving

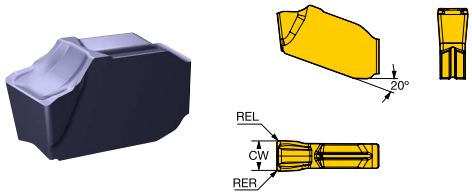



Metric (mm)

| | | | P | S | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | CW [mm] | RER [mm] | REL [mm] | HAND |
| Light | PL | QD-NE-0200-020E-PL | ● | ○ | ○ | E | 3.10 | 2.00 | 0.20 | 0.20 | Neutral |
| | | QD-NF-0239-020E-PL | ● | ○ | ○ | F | 3.10 | 2.39 | 0.20 | 0.20 | Neutral |
| | | QD-NF-0250-020E-PL | ● | ○ | ○ | F | 3.10 | 2.50 | 0.20 | 0.20 | Neutral |
| | | QD-NG-0300-020E-PL | ● | ○ | ○ | G | 3.10 | 3.00 | 0.20 | 0.20 | Neutral |
| | | QD-NG-0318-020E-PL | ● | ○ | ○ | G | 3.10 | 3.18 | 0.20 | 0.20 | Neutral |
| | | QD-NH-0400-025E-PL | ● | ○ | ○ | H | 4.00 | 4.00 | 0.25 | 0.25 | Neutral |
| | | QD-NJ-0476-030E-PL | ● | ○ | ○ | J | 5.00 | 4.76 | 0.30 | 0.30 | Neutral |
| | | QD-NJ-0500-030E-PL | ● | ○ | ○ | J | 5.00 | 5.00 | 0.30 | 0.30 | Neutral |
| | | QD-NK-0600-035E-PL | ● | ○ | ○ | K | 5.00 | 6.00 | 0.35 | 0.35 | Neutral |
| | | QD-NK-0635-035E-PL | ● | ○ | ○ | K | 5.00 | 6.35 | 0.35 | 0.35 | Neutral |
| | SL | QD-NE-0200-020E-SL | ● | ○ | ○ | E | 3.10 | 2.00 | 0.20 | 0.20 | Neutral |
| | | QD-NF-0239-020E-SL | ● | ○ | ○ | F | 3.10 | 2.39 | 0.20 | 0.20 | Neutral |
| | | QD-NF-0250-020E-SL | ● | ○ | ○ | F | 3.10 | 2.50 | 0.20 | 0.20 | Neutral |
| | | QD-NG-0300-020E-SL | ● | ○ | ○ | G | 3.10 | 3.00 | 0.20 | 0.20 | Neutral |
| | | QD-NG-0318-020E-SL | ● | ○ | ○ | G | 3.10 | 3.18 | 0.20 | 0.20 | Neutral |
| | | QD-NH-0400-025E-SL | ● | ○ | ○ | H | 4.00 | 4.00 | 0.25 | 0.25 | Neutral |
| | | QD-NJ-0476-030E-SL | ● | ○ | ○ | J | 5.00 | 4.76 | 0.30 | 0.30 | Neutral |
| | | QD-NJ-0500-030E-SL | ● | ○ | ○ | J | 5.00 | 5.00 | 0.30 | 0.30 | Neutral |
| | | QD-NK-0600-035E-SL | ● | ○ | ○ | K | 5.00 | 6.00 | 0.35 | 0.35 | Neutral |
| | | QD-NK-0635-035E-SL | ● | ○ | ○ | K | 5.00 | 6.35 | 0.35 | 0.35 | Neutral |

● = First choice ○ = Good choice

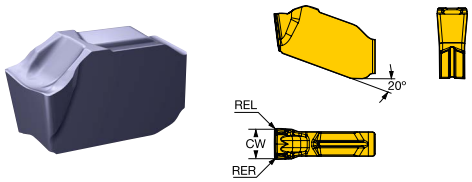
# CoroMill® QD, insert for grooving




Metric (mm)

| | | Ordering code | 1230 | SSC | S [mm] | CW [mm] | RER [mm] | REL [mm] | HAND |
|---|---|---|---|---|---|---|---|---|---|
| | | | P | | | | | | |
| Medium | PM | QD-NE-0200-020E-PM | ● | E | 3.10 | 2.00 | 0.20 | 0.20 | Neutral |
| | | QD-NE-0200-020M-PM | ● | E | 3.10 | 2.00 | 0.20 | 0.20 | Neutral |
| | | QD-NF-0239-020E-PM | ● | F | 3.10 | 2.39 | 0.20 | 0.20 | Neutral |
| | | QD-NF-0239-020M-PM | ● | F | 3.10 | 2.39 | 0.20 | 0.20 | Neutral |
| | | QD-NF-0250-020E-PM | ● | F | 3.10 | 2.50 | 0.20 | 0.20 | Neutral |
| | | QD-NF-0250-020M-PM | ● | F | 3.10 | 2.50 | 0.20 | 0.20 | Neutral |
| | | QD-NG-0300-020E-PM | ● | G | 3.10 | 3.00 | 0.20 | 0.20 | Neutral |
| | | QD-NG-0300-020M-PM | ● | G | 3.10 | 3.00 | 0.20 | 0.20 | Neutral |
| | | QD-NG-0318-020E-PM | ● | G | 3.10 | 3.18 | 0.20 | 0.20 | Neutral |
| | | QD-NG-0318-020M-PM | ● | G | 3.10 | 3.18 | 0.20 | 0.20 | Neutral |
| | | QD-NH-0400-025E-PM | ● | H | 4.00 | 4.00 | 0.25 | 0.25 | Neutral |
| | | QD-NH-0400-025M-PM | ● | H | 4.00 | 4.00 | 0.25 | 0.25 | Neutral |
| | | QD-NJ-0476-030E-PM | ● | J | 5.00 | 4.76 | 0.30 | 0.30 | Neutral |
| | | QD-NJ-0476-030M-PM | ● | J | 5.00 | 4.76 | 0.30 | 0.30 | Neutral |
| | | QD-NJ-0500-030E-PM | ● | J | 5.00 | 5.00 | 0.30 | 0.30 | Neutral |
| | | QD-NJ-0500-030M-PM | ● | J | 5.00 | 5.00 | 0.30 | 0.30 | Neutral |
| | | QD-NK-0600-035E-PM | ● | K | 5.00 | 6.00 | 0.35 | 0.35 | Neutral |
| | | QD-NK-0600-035M-PM | ● | K | 5.00 | 6.00 | 0.35 | 0.35 | Neutral |
| | | QD-NK-0635-035E-PM | ● | K | 5.00 | 6.35 | 0.35 | 0.35 | Neutral |
| | | QD-NK-0635-035M-PM | ● | K | 5.00 | 6.35 | 0.35 | 0.35 | Neutral |

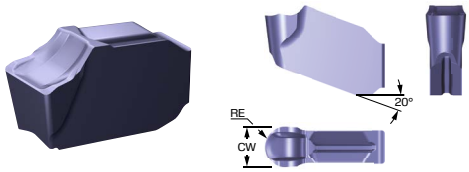
# CoroMill® QD, insert for grooving




Metric (mm)

| | | | P | S | M | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Ordering code | 1230 | 1230 | 1230 | SSC | S [mm] | CW [mm] | RER [mm] | REL [mm] | HAND |
| Medium | SM | QD-NE-0200-020E-SM | ● | ○ | ○ | E | 3.10 | 2.00 | 0.20 | 0.20 | Neutral |
| | | QD-NF-0239-020E-SM | ● | ○ | ○ | F | 3.10 | 2.39 | 0.20 | 0.20 | Neutral |
| | | QD-NF-0250-020E-SM | ● | ○ | ○ | F | 3.10 | 2.50 | 0.20 | 0.20 | Neutral |
| | | QD-NG-0300-020E-SM | ● | ○ | ○ | G | 3.10 | 3.00 | 0.20 | 0.20 | Neutral |
| | | QD-NG-0318-020E-SM | ● | ○ | ○ | G | 3.10 | 3.18 | 0.20 | 0.20 | Neutral |
| | | QD-NH-0400-025E-SM | ● | ○ | ○ | H | 4.00 | 4.00 | 0.25 | 0.25 | Neutral |
| | | QD-NJ-0476-030E-SM | ● | ○ | ○ | J | 5.00 | 4.76 | 0.30 | 0.30 | Neutral |
| | | QD-NJ-0500-030E-SM | ● | ○ | ○ | J | 5.00 | 5.00 | 0.30 | 0.30 | Neutral |
| | | QD-NK-0600-035E-SM | ● | ○ | ○ | K | 5.00 | 6.00 | 0.35 | 0.35 | Neutral |
| | | QD-NK-0635-035E-SM | ● | ○ | ○ | K | 5.00 | 6.35 | 0.35 | 0.35 | Neutral |

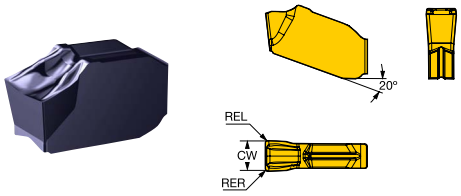
# CoroMill® QD, insert for grooving




Metric (mm)

| | | Ordering code | P 1230 | SSC | S [mm] | RE [mm] | CW [mm] | HAND |
|---|---|---|---|---|---|---|---|---|
| Medium | PM | QD-NE-0200-100E-PM | ● | E | 3.10 | 1.0 | 2.00 | Neutral |
| | | QD-NG-0300-150E-PM | ● | G | 3.10 | 1.5 | 3.00 | Neutral |
| | | QD-NG-0318-159E-PM | ● | G | 3.10 | 1.6 | 3.18 | Neutral |
| | | QD-NH-0400-200E-PM | ● | H | 4.00 | 2.0 | 4.00 | Neutral |
| | | QD-NK-0600-300E-PM | ● | K | 5.00 | 3.0 | 6.00 | Neutral |
| | | QD-NK-0635-318E-PM | ● | K | 5.00 | 3.2 | 6.35 | Neutral |

# CoroMill® QD, insert for grooving

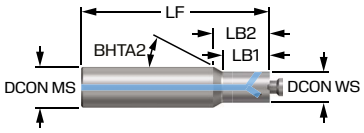



Metric (mm)

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | | | P | | | | | | |
| | | Ordering code | 1230 | SSC | S [mm] | CW [mm] | RER [mm] | REL [mm] | HAND |
| Heavy | PH | QD-NE-0200-035M-PH | ● | E | 3.10 | 2.00 | 0.35 | 0.35 | Neutral |
| | | QD-NF-0239-035M-PH | ● | F | 3.10 | 2.39 | 0.35 | 0.35 | Neutral |
| | | QD-NF-0250-035M-PH | ● | F | 3.10 | 2.50 | 0.35 | 0.35 | Neutral |
| | | QD-NG-0300-035M-PH | ● | G | 3.10 | 3.00 | 0.35 | 0.35 | Neutral |
| | | QD-NG-0318-035M-PH | ● | G | 3.10 | 3.18 | 0.35 | 0.35 | Neutral |
| | | QD-NH-0400-040M-PH | ● | H | 4.00 | 4.00 | 0.40 | 0.40 | Neutral |
| | | QD-NJ-0476-045M-PH | ● | J | 5.00 | 4.76 | 0.45 | 0.45 | Neutral |
| | | QD-NJ-0500-045M-PH | ● | J | 5.00 | 5.00 | 0.45 | 0.45 | Neutral |
| | | QD-NK-0600-050M-PH | ● | K | 5.00 | 6.00 | 0.50 | 0.50 | Neutral |
| | | QD-NK-0635-050M-PH | ● | K | 5.00 | 6.35 | 0.50 | 0.50 | Neutral |

● = First choice ○ = Good choice

# Adaptor with cylindrical shank coupling to CoroMill® 327



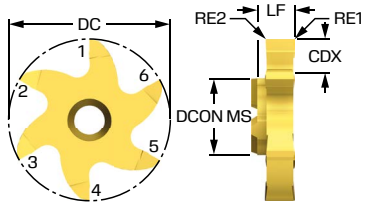

Common data values

| CP [bar] | TQ [Nm] |
|---|---|
| 20 | 6.5 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | LF [mm] | $LB_1$ [mm] | $LB_2$ [mm] | CNSC | CXSC | $BD_1$ [mm] | $BD_2$ [mm] | $BHTA_2$ [deg] |
|---|---|---|---|---|---|---|---|---|---|---|
| 327-16A24SC-12 | 16.00 | 12.00 | 74.30 | 18.3 | 22.3 | 1 | 3 | 12.0 | 12.0 | 30.0 |
| 327-16A42EC-12 | 16.00 | 12.00 | 94.30 | 36.3 | 40.3 | 1 | 3 | 12.0 | 12.0 | 30.0 |
| 327-16A42EC-14 | 16.00 | 14.30 | 93.50 | 35.5 | 37.5 | 1 | 3 | 14.3 | 14.3 | 30.0 |
| 327-20A35SC-14 | 20.00 | 14.30 | 93.50 | 29.2 | 34.9 | 1 | 3 | 14.0 | 14.0 | 30.0 |

# CoroMill® 327, solid carbide head for grooving



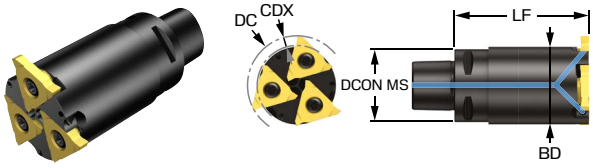

Metric (mm)

| | P | S | K | M | N | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | 1025 | 1025 | 1025 | 1025 | 1025 | **CW [mm]** | **$DCON_{MS}$ [mm]** | **CDX [mm]** | **ZEFP** | **DC [mm]** | **LF [mm]** | **CWTOLL [mm]** | **CWTOLU [mm]** | **RPMX [1/min]** |
| 327R12-2830002-GLM | ○ | ○ | ○ | ○ | ○ | 3.00 | 12.00 | 6.5 | 6 | 27.70 | 6.40 | -0.010 | 0.010 | 50000 |
| 327R12-2840002-GLM | ○ | ○ | ○ | ○ | ○ | 4.00 | 12.00 | 6.5 | 6 | 27.70 | 6.40 | -0.010 | 0.010 | 50000 |
| 327R12-2850002-GLM | ○ | ○ | ○ | ○ | ○ | 5.00 | 12.00 | 6.5 | 6 | 27.70 | 6.40 | -0.010 | 0.010 | 50000 |
| 327R12-2850002-GMM | ○ | ○ | ○ | ○ | ○ | 5.00 | 12.00 | 6.5 | 6 | 27.70 | 6.40 | 0.000 | 0.020 | 50000 |
| 327R12-2860002-GLM | ○ | ○ | ○ | ○ | ○ | 6.00 | 12.00 | 6.5 | 6 | 27.70 | 6.40 | -0.010 | 0.010 | 50000 |
| 327R12-2860002-GMM | ○ | ○ | ○ | ○ | ○ | 6.00 | 12.00 | 6.5 | 6 | 27.70 | 6.40 | 0.000 | 0.020 | 50000 |
| 327R14-2850002-GM | ○ | ○ | ○ | ○ | ○ | 5.00 | 14.30 | 6.5 | 3 | 27.70 | 6.60 | 0.000 | 0.020 | 50000 |
| 327R14-2860002-GM | ○ | ○ | ○ | ○ | ○ | 6.00 | 14.30 | 6.5 | 3 | 27.70 | 6.60 | 0.000 | 0.020 | 50000 |

● = First choice ○ = Good choice

# CoroMill® 328, groove milling cutter

Coromant Capto® - Internal coolant supply

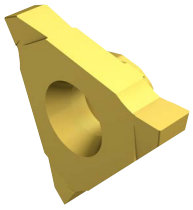


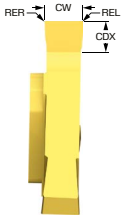

Metric (mm)

| Ordering code | DC [mm] | CNSC | $DCON_{MS}$ [mm] | BD [mm] | LF [mm] | CDX [mm] | CW [mm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|
| 328-044C3-13M | 44.00 | 3 | 32.00 | 34.0 | 60.00 | 4.0 | 1.30 | 17100 |
| 328-050C4-13M | 50.00 | 3 | 40.00 | 40.0 | 40.00 | 4.0 | 1.30 | 14900 |
| 328-063C5-13M | 63.00 | 3 | 50.00 | 50.0 | 40.00 | 5.0 | 1.30 | 11900 |

# CoroMill® 328, insert for groove milling

For circlip grooves






Metric (mm)

| | P | S | H | K | M | N | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **1025** | **1025** | **1025** | **1025** | **1025** | **1025** | **CW [mm]** | **CDX [mm]** | **CWTOLL [mm]** |
| 328R13-20002-GM | ○ | ○ | ○ | ○ | ○ | ○ | 2.00 | 5.0 | -0.020 |
| 328R13-25002-GM | ○ | ○ | ○ | ○ | ○ | ○ | 2.50 | 5.0 | -0.020 |
| 328R13-30002-GM | ○ | ○ | ○ | ○ | ○ | ○ | 3.00 | 5.0 | -0.020 |
| 328R13-40002-GM | ○ | ○ | ○ | ○ | ○ | ○ | 4.00 | 5.0 | -0.020 |
| 328R13-50002-GM | ○ | ○ | ○ | ○ | ○ | ○ | 5.00 | 5.0 | -0.020 |

● = First choice ○ = Good choice

Read more about CoroDrill® Dura 462:
**sandvik.coromant.com/corodrilldura462**

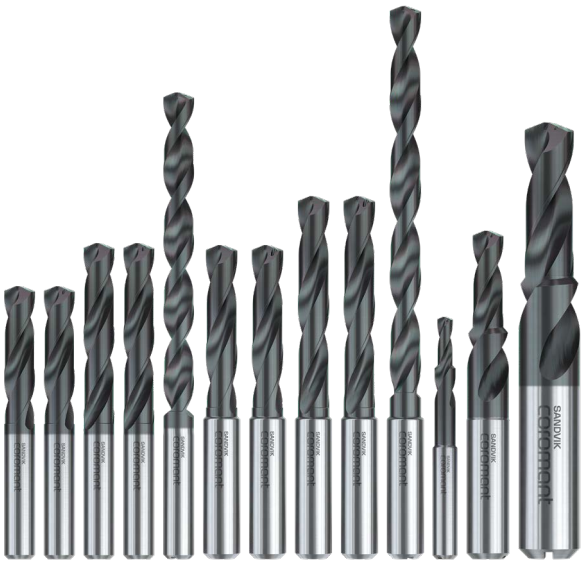
# CoroDrill® Dura 462

## All-round drilling made effortless

CoroDrill® Dura 462 is your versatile ally for effortless hole making across multi-material applications. This short-hole drill delivers high process security and superior tool life in all materials, so you can ramp up, lean back and save big.

## Application

- Diameter range 3.00–20.00 mm (0.118–0.787 inch)
- Drill depth up to 8×DC
- Main industry segments:
  - General engineering, automotive, aerospace, oil and gas, pump and valve
- Typical components:
  - Flanges, castings, sieves, hubs, valve bodies, pump bodies



P M K N S H

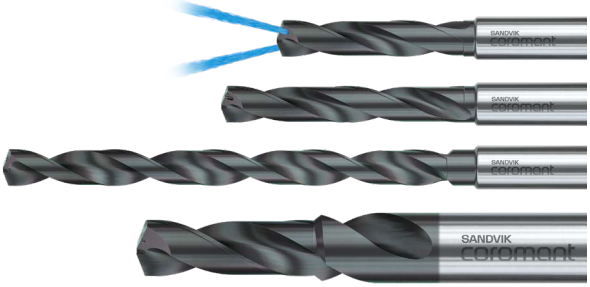
ISO application area

## Features and benefits

- Features a geometry designed to gain excellent machining stability and process security
- Maximum productivity thanks to the new grade X2BM
- Fully-coated drills ensure high wear resistance
- A robust design ensures good centering and hole straightness securing best possible pre-hole conditions for subsequent operations like tapping or reaming

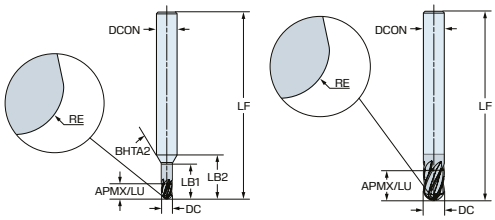
## Unique grade X2BM

- Versatile geometry for multi-material drilling applications
- Features a fine-grained cemented carbide substrate with a very well-controlled microstructure to guarantee the highest performance in a wide range of applications
- New versatile multi-layer PVD coating with our new Zertivo® 2.0 technology
- All drills are fully coated
- Tailored post-treatment for enhanced surface smoothness



# CoroMill® Plura ball nose, solid carbide end mill for profiling

Optimised for titanium




Common data values

| FHA [deg] | TCDCON | TCDC |
|---|---|---|
| 30.00 | h6 | h10 |

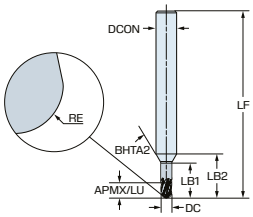
Metric (mm)

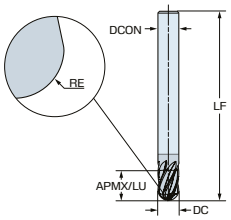
| | P | S | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **T2CH** | **T2CH** | **T2CH** | **DC [mm]** | **RE [mm]** | **ZEFP** | **APMX [mm]** | **LU [mm]** | **LF [mm]** | **$DCON_{MS}$ [mm]** | **$BD_1$ [mm]** | **$LB_1$ [mm]** | **$LB_2$ [mm]** |
| 2B255-0300-TA | ○ | ● | ○ | 3.00 | 1.5 | 5 | 4.5 | 4.50 | 57.00 | 6.00 | 3.0 | 10.5 | 13.3 |
| 2B256-0400-TA | ○ | ● | ○ | 4.00 | 2.0 | 6 | 6.0 | 6.00 | 57.00 | 6.00 | 4.1 | 13.0 | 15.0 |
| 2B256-0500-TA | ○ | ● | ○ | 5.00 | 2.5 | 6 | 7.5 | 7.50 | 57.00 | 6.00 | 5.1 | 16.0 | 17.1 |
| 2B256-0600-TA | ○ | ● | ○ | 6.00 | 3.0 | 6 | 9.0 | 9.00 | 57.00 | 6.00 | | | |
| 2B256-0800-TA | ○ | ● | ○ | 8.00 | 4.0 | 6 | 12.0 | 12.00 | 63.00 | 8.00 | | | |
| 2B256-1000-TA | ○ | ● | ○ | 10.00 | 5.0 | 6 | 15.0 | 15.00 | 72.00 | 10.00 | | | |
| 2B256-1200-TA | ○ | ● | ○ | 12.00 | 6.0 | 6 | 18.0 | 18.00 | 83.00 | 12.00 | | | |
| 2B256-1600-TA | ○ | ● | ○ | 16.00 | 8.0 | 6 | 24.0 | 24.00 | 92.00 | 16.00 | | | |
| 2B256-2000-TA | ○ | ● | ○ | 20.00 | 10.0 | 6 | 30.0 | 30.00 | 104.00 | 20.00 | | | |

● = First choice ○ = Good choice

# CoroMill® Plura ball nose, solid carbide end mill for profiling

Optimised for titanium




Common data values

| FHA [deg] | TCDCON | TCDC |
|---|---|---|
| 30.000 | h6 | h10 |

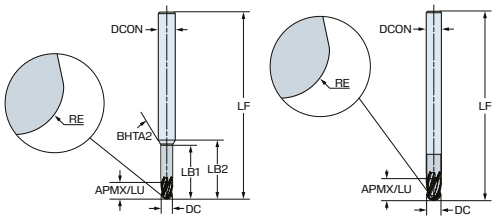
Imperial (inch)

| Ordering code | P T2CH | S T2CH | M T2CH | DC [inch] | RE [inch] | ZEFP | APMX [inch] | LU [inch] | LF [inch] | $DCON_{MS}$ [inch] | $BD_1$ [inch] | $LB_1$ [inch] | $LB_2$ [inch] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2B255-0318-TA | ○ | ● | ○ | 0.125 | 0.063 | 5 | 0.188 | 0.188 | 2.250 | 0.250 | 0.127 | 0.438 | 0.555 |
| 2B256-0476-TA | ○ | ● | ○ | 0.188 | 0.094 | 6 | 0.281 | 0.281 | 2.250 | 0.250 | 0.189 | 0.625 | 0.688 |
| 2B256-0635-TA | ○ | ● | ○ | 0.250 | 0.125 | 6 | 0.375 | 0.375 | 2.250 | 0.250 | | | |
| 2B256-0794-TA | ○ | ● | ○ | 0.313 | 0.156 | 6 | 0.469 | 0.469 | 2.500 | 0.313 | | | |
| 2B256-0953-TA | ○ | ● | ○ | 0.375 | 0.188 | 6 | 0.563 | 0.563 | 3.000 | 0.375 | | | |
| 2B256-1270-TA | ○ | ● | ○ | 0.500 | 0.250 | 6 | 0.750 | 0.750 | 3.500 | 0.500 | | | |
| 2B256-1588-TA | ○ | ● | ○ | 0.625 | 0.313 | 6 | 0.938 | 0.938 | 3.500 | 0.625 | | | |
| 2B256-1905-TA | ○ | ● | ○ | 0.750 | 0.375 | 6 | 1.125 | 1.125 | 4.000 | 0.750 | | | |

● = First choice ○ = Good choice

# CoroMill® Plura ball nose, solid carbide end mill for profiling

Optimised for titanium




Common data values

| ZEFP | FHA [deg] | TCDCON | TCDC |
|---|---|---|---|
| 4 | 30.00 | h6 | h10 |

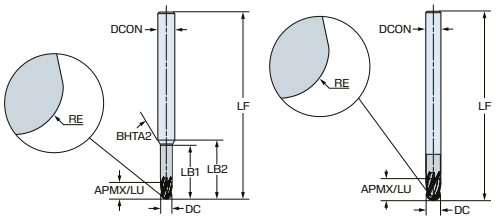
Metric (mm)

| | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **T2CH** | **T2CH** | **T2CH** | **DC [mm]** | **RE [mm]** | **APMX [mm]** | **LU [mm]** | **LF [mm]** | **$DCON_{MS}$ [mm]** | **$BD_1$ [mm]** | **$LB_1$ [mm]** | **$LB_2$ [mm]** |
| 2B284-0300-TA | ○ | ● | ○ | 3.00 | 1.5 | 4.5 | 4.50 | 70.00 | 6.00 | 3.0 | 15.0 | 17.8 |
| 2B284-0400-TA | ○ | ● | ○ | 4.00 | 2.0 | 6.0 | 6.00 | 70.00 | 6.00 | 4.1 | 20.0 | 22.0 |
| 2B284-0500-TA | ○ | ● | ○ | 5.00 | 2.5 | 7.5 | 7.50 | 80.00 | 6.00 | 5.1 | 25.0 | 26.1 |
| 2B284-0600-TA | ○ | ● | ○ | 6.00 | 3.0 | 9.0 | 9.00 | 80.00 | 6.00 | | | |
| 2B284-0800-TA | ○ | ● | ○ | 8.00 | 4.0 | 12.0 | 12.00 | 80.00 | 8.00 | | | |
| 2B284-1000-TA | ○ | ● | ○ | 10.00 | 5.0 | 15.0 | 15.00 | 100.00 | 10.00 | | | |
| 2B284-1200-TA | ○ | ● | ○ | 12.00 | 6.0 | 18.0 | 18.00 | 105.00 | 12.00 | | | |
| 2B284-1600-TA | ○ | ● | ○ | 16.00 | 8.0 | 24.0 | 24.00 | 125.00 | 16.00 | | | |
| 2B284-2000-TA | ○ | ● | ○ | 20.00 | 10.0 | 30.0 | 30.00 | 150.00 | 20.00 | | | |

● = First choice ○ = Good choice

# CoroMill® Plura ball nose, solid carbide end mill for profiling

Optimised for titanium




Common data values

| ZEFP | FHA [deg] | TCDCON | TCDC |
|---|---|---|---|
| 4 | 30.000 | h6 | h10 |

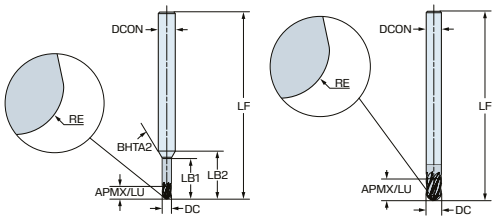
Imperial (inch)

| | | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | | **T2CH** | **T2CH** | **T2CH** | **DC [inch]** | **RE [inch]** | **APMX [inch]** | **LU [inch]** | **LF [inch]** | **$DCON_{MS}$ [inch]** | **$BD_1$ [inch]** | **$LB_1$ [inch]** | **$LB_2$ [inch]** |
| 2B284-0318-TA | | ○ | ● | ○ | 0.125 | 0.063 | 0.188 | 0.188 | 3.000 | 0.250 | 0.127 | 0.625 | 0.742 |
| 2B284-0476-TA | | ○ | ● | ○ | 0.188 | 0.094 | 0.281 | 0.281 | 3.000 | 0.250 | 0.189 | 1.000 | 1.063 |
| 2B284-0635-TA | | ○ | ● | ○ | 0.250 | 0.125 | 0.375 | 0.375 | 3.000 | 0.250 | | | |
| 2B284-0794-TA | | ○ | ● | ○ | 0.313 | 0.156 | 0.469 | 0.469 | 3.500 | 0.313 | | | |
| 2B284-0953-TA | | ○ | ● | ○ | 0.375 | 0.188 | 0.563 | 0.563 | 4.000 | 0.375 | | | |
| 2B284-1270-TA | | ○ | ● | ○ | 0.500 | 0.250 | 0.750 | 0.750 | 4.500 | 0.500 | | | |
| 2B284-1588-TA | | ○ | ● | ○ | 0.625 | 0.313 | 0.938 | 0.938 | 5.000 | 0.625 | | | |
| 2B284-1905-TA | | ○ | ● | ○ | 0.750 | 0.375 | 1.125 | 1.125 | 5.500 | 0.750 | | | |

● = First choice ○ = Good choice

# CoroMill® Plura ball nose, solid carbide end mill for profiling

Optimised for titanium




Common data values

| FHA [deg] | TCDCON | TCDC |
|---|---|---|
| 30.00 | h6 | h10 |

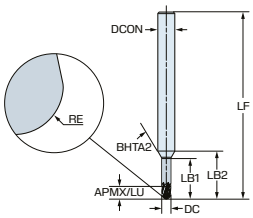
Metric (mm)

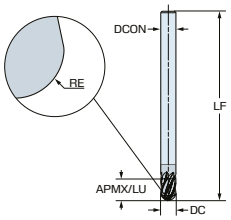
| Ordering code | P T2CH | S T2CH | M T2CH | DC [mm] | RE [mm] | ZEFP | APMX [mm] | LU [mm] | LF [mm] | $DCON_{MS}$ [mm] | $BD_1$ [mm] | $LB_1$ [mm] | $LB_2$ [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2B285-0300-TA | ○ | ● | ○ | 3.00 | 1.5 | 5 | 4.5 | 4.50 | 70.00 | 6.00 | 3.0 | 15.0 | 17.8 |
| 2B286-0400-TA | ○ | ● | ○ | 4.00 | 2.0 | 6 | 6.0 | 6.00 | 70.00 | 6.00 | 4.1 | 20.0 | 22.0 |
| 2B286-0500-TA | ○ | ● | ○ | 5.00 | 2.5 | 6 | 7.5 | 7.50 | 80.00 | 6.00 | 5.1 | 25.0 | 26.1 |
| 2B286-0600-TA | ○ | ● | ○ | 6.00 | 3.0 | 6 | 9.0 | 9.00 | 80.00 | 6.00 | | | |
| 2B286-0800-TA | ○ | ● | ○ | 8.00 | 4.0 | 6 | 12.0 | 12.00 | 80.00 | 8.00 | | | |
| 2B286-1000-TA | ○ | ● | ○ | 10.00 | 5.0 | 6 | 15.0 | 15.00 | 100.00 | 10.00 | | | |
| 2B286-1200-TA | ○ | ● | ○ | 12.00 | 6.0 | 6 | 18.0 | 18.00 | 105.00 | 12.00 | | | |
| 2B286-1600-TA | ○ | ● | ○ | 16.00 | 8.0 | 6 | 24.0 | 24.00 | 125.00 | 16.00 | | | |
| 2B286-2000-TA | ○ | ● | ○ | 20.00 | 10.0 | 6 | 30.0 | 30.00 | 150.00 | 20.00 | | | |

● = First choice ○ = Good choice

# CoroMill® Plura ball nose, solid carbide end mill for profiling

Optimised for titanium




Common data values

| FHA [deg] | TCDCON | TCDC |
|---|---|---|
| 30.000 | h6 | h10 |

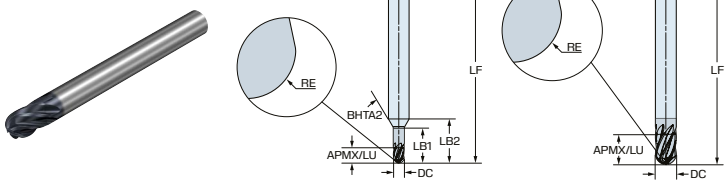
Imperial (inch)

| Ordering code | P T2CH | S T2CH | M T2CH | DC [inch] | RE [inch] | ZEFP | APMX [inch] | LU [inch] | LF [inch] | $DCON_{MS}$ [inch] | $BD_1$ [inch] | $LB_1$ [inch] | $LB_2$ [inch] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 2B285-0318-TA | ○ | ● | ○ | 0.125 | 0.063 | 5 | 0.188 | 0.188 | 3.000 | 0.250 | 0.127 | 0.625 | 0.742 |
| 2B286-0476-TA | ○ | ● | ○ | 0.188 | 0.094 | 6 | 0.281 | 0.281 | 3.000 | 0.250 | 0.189 | 1.000 | 1.063 |
| 2B286-0635-TA | ○ | ● | ○ | 0.250 | 0.125 | 6 | 0.375 | 0.375 | 3.000 | 0.250 | | | |
| 2B286-0794-TA | ○ | ● | ○ | 0.313 | 0.156 | 6 | 0.469 | 0.469 | 3.500 | 0.313 | | | |
| 2B286-0953-TA | ○ | ● | ○ | 0.375 | 0.188 | 6 | 0.563 | 0.563 | 4.000 | 0.375 | | | |
| 2B286-1270-TA | ○ | ● | ○ | 0.500 | 0.250 | 6 | 0.750 | 0.750 | 4.500 | 0.500 | | | |
| 2B286-1588-TA | ○ | ● | ○ | 0.625 | 0.313 | 6 | 0.938 | 0.938 | 5.000 | 0.625 | | | |
| 2B286-1905-TA | ○ | ● | ○ | 0.750 | 0.375 | 6 | 1.125 | 1.125 | 5.500 | 0.750 | | | |

● = First choice ○ = Good choice

# CoroMill® Plura ball nose, solid carbide end mill for profiling

Optimised for heat resistant super alloys (HSRA)




Common data values

| FHA [deg] | TCDCON | TCDC |
|---|---|---|
| 30.00 | h6 | h10 |

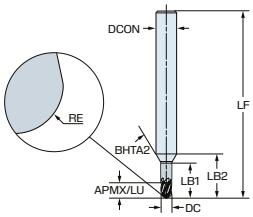
Metric (mm)

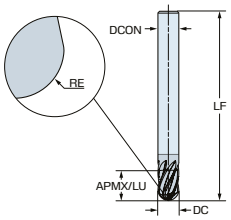
| | S | H | K | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **R2AH** | **R2AH** | **R2AH** | **DC [mm]** | **RE [mm]** | **ZEFP** | **APMX [mm]** | **LU [mm]** | **LF [mm]** | **$DCON_{MS}$ [mm]** | **$BD_1$ [mm]** | **$LB_1$ [mm]** | **$LB_2$ [mm]** |
| 2B255-0300-RA | ● | ○ | ○ | 3.00 | 1.5 | 5 | 4.5 | 4.50 | 57.00 | 6.00 | 3.0 | 10.5 | 13.3 |
| 2B256-0400-RA | ● | ○ | ○ | 4.00 | 2.0 | 6 | 6.0 | 6.00 | 57.00 | 6.00 | 4.1 | 13.0 | 15.0 |
| 2B256-0500-RA | ● | ○ | ○ | 5.00 | 2.5 | 6 | 7.5 | 7.50 | 57.00 | 6.00 | 5.1 | 16.0 | 17.1 |
| 2B256-0600-RA | ● | ○ | ○ | 6.00 | 3.0 | 6 | 9.0 | 9.00 | 57.00 | 6.00 | | | |
| 2B256-0800-RA | ● | ○ | ○ | 8.00 | 4.0 | 6 | 12.0 | 12.00 | 63.00 | 8.00 | | | |
| 2B256-1000-RA | ● | ○ | ○ | 10.00 | 5.0 | 6 | 15.0 | 15.00 | 72.00 | 10.00 | | | |
| 2B256-1200-RA | ● | ○ | ○ | 12.00 | 6.0 | 6 | 18.0 | 18.00 | 83.00 | 12.00 | | | |
| 2B256-1600-RA | ● | ○ | ○ | 16.00 | 8.0 | 6 | 24.0 | 24.00 | 92.00 | 16.00 | | | |
| 2B256-2000-RA | ● | ○ | ○ | 20.00 | 10.0 | 6 | 30.0 | 30.00 | 104.00 | 20.00 | | | |

● = First choice ○ = Good choice

# CoroMill® Plura ball nose, solid carbide end mill for profiling

Optimised for heat resistant super alloys (HSRA)




Common data values

| FHA [deg] | TCDCON | TCDC |
|---|---|---|
| 30.000 | h6 | h10 |

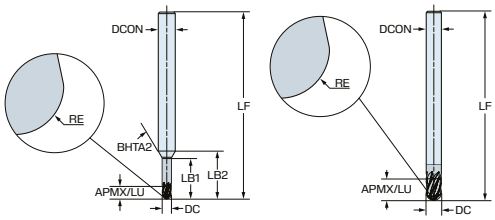
Imperial (inch)

| | S | H | K | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **R2AH** | **R2AH** | **R2AH** | **DC [inch]** | **RE [inch]** | **ZEFP** | **APMX [inch]** | **LU [inch]** | **LF [inch]** | **$DCON_{MS}$ [inch]** | **$BD_1$ [inch]** | **$LB_1$ [inch]** | **$LB_2$ [inch]** |
| 2B255-0318-RA | ● | ○ | ○ | 0.125 | 0.063 | 5 | 0.188 | 0.188 | 2.250 | 0.250 | 0.127 | 0.438 | 0.555 |
| 2B256-0476-RA | ● | ○ | ○ | 0.188 | 0.094 | 6 | 0.281 | 0.281 | 2.250 | 0.250 | 0.189 | 0.625 | 0.688 |
| 2B256-0635-RA | ● | ○ | ○ | 0.250 | 0.125 | 6 | 0.375 | 0.375 | 2.250 | 0.250 | | | |
| 2B256-0794-RA | ● | ○ | ○ | 0.313 | 0.156 | 6 | 0.469 | 0.469 | 2.500 | 0.313 | | | |
| 2B256-0953-RA | ● | ○ | ○ | 0.375 | 0.188 | 6 | 0.563 | 0.563 | 3.000 | 0.375 | | | |
| 2B256-1270-RA | ● | ○ | ○ | 0.500 | 0.250 | 6 | 0.750 | 0.750 | 3.500 | 0.500 | | | |
| 2B256-1588-RA | ● | ○ | ○ | 0.625 | 0.313 | 6 | 0.938 | 0.938 | 3.500 | 0.625 | | | |
| 2B256-1905-RA | ● | ○ | ○ | 0.750 | 0.375 | 6 | 1.125 | 1.125 | 4.000 | 0.750 | | | |

● = First choice ○ = Good choice

# CoroMill® Plura ball nose, solid carbide end mill for profiling

Optimised for heat resistant super alloys (HSRA)




Common data values

| FHA [deg] | TCDCON | TCDC |
|---|---|---|
| 30.00 | h6 | h10 |

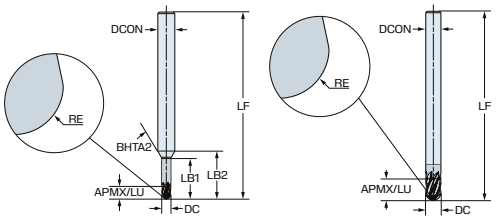
Metric (mm)

| | S | H | K | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **R2AH** | **R2AH** | **R2AH** | **DC [mm]** | **RE [mm]** | **ZEFP** | **APMX [mm]** | **LU [mm]** | **LF [mm]** | **$DCON_{MS}$ [mm]** | **$BD_1$ [mm]** | **$LB_1$ [mm]** | **$LB_2$ [mm]** |
| 2B285-0300-RA | ● | ○ | ○ | 3.00 | 1.5 | 5 | 4.5 | 4.50 | 70.00 | 6.00 | 3.0 | 15.0 | 17.8 |
| 2B286-0400-RA | ● | ○ | ○ | 4.00 | 2.0 | 6 | 6.0 | 6.00 | 70.00 | 6.00 | 4.1 | 20.0 | 22.0 |
| 2B286-0500-RA | ● | ○ | ○ | 5.00 | 2.5 | 6 | 7.5 | 7.50 | 80.00 | 6.00 | 5.1 | 25.0 | 26.1 |
| 2B286-0600-RA | ● | ○ | ○ | 6.00 | 3.0 | 6 | 9.0 | 9.00 | 80.00 | 6.00 | | | |
| 2B286-0800-RA | ● | ○ | ○ | 8.00 | 4.0 | 6 | 12.0 | 12.00 | 80.00 | 8.00 | | | |
| 2B286-1000-RA | ● | ○ | ○ | 10.00 | 5.0 | 6 | 15.0 | 15.00 | 100.00 | 10.00 | | | |
| 2B286-1200-RA | ● | ○ | ○ | 12.00 | 6.0 | 6 | 18.0 | 18.00 | 105.00 | 12.00 | | | |
| 2B286-1600-RA | ● | ○ | ○ | 16.00 | 8.0 | 6 | 24.0 | 24.00 | 125.00 | 16.00 | | | |
| 2B286-2000-RA | ● | ○ | ○ | 20.00 | 10.0 | 6 | 30.0 | 30.00 | 150.00 | 20.00 | | | |

● = First choice ○ = Good choice

# CoroMill® Plura ball nose, solid carbide end mill for profiling

Optimised for heat resistant super alloys (HSRA)




Common data values

| FHA [deg] | TCDCON | TCDC |
|---|---|---|
| 30.000 | h6 | h10 |

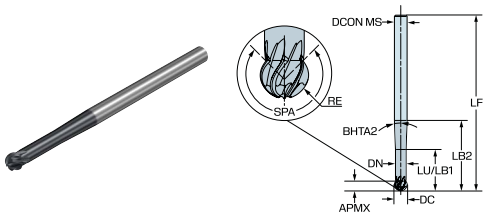
Imperial (inch)

| | S | H | K | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **R2AH** | **R2AH** | **R2AH** | **DC [inch]** | **RE [inch]** | **ZEFP** | **APMX [inch]** | **LU [inch]** | **LF [inch]** | **$DCON_{MS}$ [inch]** | **$BD_1$ [inch]** | **$LB_1$ [inch]** | **$LB_2$ [inch]** |
| 2B285-0318-RA | ● | ○ | ○ | 0.125 | 0.063 | 5 | 0.188 | 0.188 | 3.000 | 0.250 | 0.127 | 0.625 | 0.742 |
| 2B286-0476-RA | ● | ○ | ○ | 0.188 | 0.094 | 6 | 0.281 | 0.281 | 3.000 | 0.250 | 0.189 | 1.000 | 1.063 |
| 2B286-0635-RA | ● | ○ | ○ | 0.250 | 0.125 | 6 | 0.375 | 0.375 | 3.000 | 0.250 | | | |
| 2B286-0794-RA | ● | ○ | ○ | 0.313 | 0.156 | 6 | 0.469 | 0.469 | 3.500 | 0.313 | | | |
| 2B286-0953-RA | ● | ○ | ○ | 0.375 | 0.188 | 6 | 0.563 | 0.563 | 4.000 | 0.375 | | | |
| 2B286-1270-RA | ● | ○ | ○ | 0.500 | 0.250 | 6 | 0.750 | 0.750 | 4.500 | 0.500 | | | |
| 2B286-1588-RA | ● | ○ | ○ | 0.625 | 0.313 | 6 | 0.938 | 0.938 | 5.000 | 0.625 | | | |
| 2B286-1905-RA | ● | ○ | ○ | 0.750 | 0.375 | 6 | 1.125 | 1.125 | 5.500 | 0.750 | | | |

● = First choice ○ = Good choice

# CoroMill® Plura lollipop, solid carbide end mill for profiling

Optimised for titanium




Common data values

| SPA [deg] | FHA [deg] | TCDCON |
|---|---|---|
| 250 | 30.00 | h6 |

Metric (mm)

| | P | S | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ordering code | T2CH | T2CH | T2CH | DC [mm] | RE [mm] | ZEFP | APMX [mm] | LU [mm] | LF [mm] | $DCON_{MS}$ [mm] | DN [mm] | $LB_1$ [mm] | $LB_2$ [mm] |
| 2L444-0200-TA0600 | ○ | ● | ○ | 2.00 | 1.0 | 4 | 1.6 | 7.00 | 70.00 | 6.00 | 1.6 | 7.0 | 14.0 |
| 2L445-0300-TA0600 | ○ | ● | ○ | 3.00 | 1.5 | 5 | 2.4 | 10.50 | 80.00 | 6.00 | 2.5 | 10.5 | 18.0 |
| 2L446-0400-TA0600 | ○ | ● | ○ | 4.00 | 2.0 | 6 | 3.2 | 14.00 | 80.00 | 6.00 | 3.3 | 14.0 | 24.0 |
| 2L446-0500-TA0600 | ○ | ● | ○ | 5.00 | 2.5 | 6 | 3.9 | 17.50 | 80.00 | 6.00 | 4.1 | 17.5 | 30.0 |
| 2L446-0600-TA0600 | ○ | ● | ○ | 6.00 | 3.0 | 6 | 4.7 | 21.00 | 90.00 | 6.00 | 4.9 | 21.0 | 36.0 |
| 2L446-0800-TA0800 | ○ | ● | ○ | 8.00 | 4.0 | 6 | 6.3 | 28.00 | 100.00 | 8.00 | 6.6 | 28.0 | 48.0 |
| 2L446-1000-TA1000 | ○ | ● | ○ | 10.00 | 5.0 | 6 | 7.9 | 35.00 | 100.00 | 10.00 | 8.2 | 35.0 | 60.0 |

● = First choice ○ = Good choice

Common data values

| SPA [deg] | FHA [deg] | TCDCON |
|---|---|---|
| 250 | 30.000 | h6 |

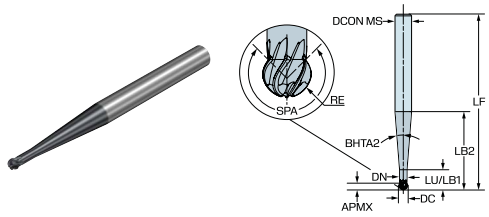
Imperial (inch)

| | P | S | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ordering code | T2CH | T2CH | T2CH | DC [inch] | RE [inch] | ZEFP | APMX [inch] | LU [inch] | LF [inch] | $DCON_{MS}$ [inch] | DN [inch] | $LB_1$ [inch] | $LB_2$ [inch] |
| 2L445-0318-TA0635 | ○ | ● | ○ | 0.125 | 0.063 | 5 | 0.098 | 0.437 | 3.000 | 0.250 | 0.102 | 0.438 | 0.750 |
| 2L446-0476-TA0635 | ○ | ● | ○ | 0.188 | 0.094 | 6 | 0.148 | 0.625 | 3.000 | 0.250 | 0.154 | 0.625 | 1.125 |
| 2L446-0635-TA0635 | ○ | ● | ○ | 0.250 | 0.125 | 6 | 0.197 | 0.875 | 3.500 | 0.250 | 0.205 | 0.875 | 1.500 |
| 2L446-0794-TA0794 | ○ | ● | ○ | 0.313 | 0.156 | 6 | 0.246 | 1.125 | 3.750 | 0.313 | 0.256 | 1.125 | 1.875 |
| 2L446-0953-TA0953 | ○ | ● | ○ | 0.375 | 0.188 | 6 | 0.295 | 1.375 | 4.000 | 0.375 | 0.307 | 1.375 | 2.250 |

● = First choice ○ = Good choice

# CoroMill® Plura lollipop, solid carbide end mill for profiling

Optimised for titanium




Common data values

| SPA [deg] | FHA [deg] | TCDCON |
|---|---|---|
| 250 | 30.00 | h6 |

Metric (mm)

| | P | S | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **T2CH** | **T2CH** | **T2CH** | **DC [mm]** | **RE [mm]** | **ZEFP** | **APMX [mm]** | **LU [mm]** | **LF [mm]** | **$DCON_{MS}$ [mm]** | **DN [mm]** | **$LB_1$ [mm]** | **$LB_2$ [mm]** |
| 2L464-0200-TA0600 | ○ | ● | ○ | 2.00 | 1.0 | 4 | 1.6 | 5.00 | 85.00 | 6.00 | 1.6 | 5.0 | 20.0 |
| 2L465-0300-TA0800 | ○ | ● | ○ | 3.00 | 1.5 | 5 | 2.4 | 7.50 | 90.00 | 8.00 | 2.5 | 7.5 | 30.0 |
| 2L466-0400-TA0800 | ○ | ● | ○ | 4.00 | 2.0 | 6 | 3.2 | 10.00 | 90.00 | 8.00 | 3.3 | 10.0 | 40.0 |
| 2L466-0500-TA1000 | ○ | ● | ○ | 5.00 | 2.5 | 6 | 3.9 | 12.50 | 90.00 | 10.00 | 4.1 | 12.5 | 50.0 |
| 2L466-0600-TA1000 | ○ | ● | ○ | 6.00 | 3.0 | 6 | 4.7 | 15.00 | 100.00 | 10.00 | 4.9 | 15.0 | 55.0 |
| 2L466-0800-TA1200 | ○ | ● | ○ | 8.00 | 4.0 | 6 | 6.3 | 20.00 | 110.00 | 12.00 | 6.6 | 20.0 | 65.0 |
| 2L466-1000-TA1600 | ○ | ● | ○ | 10.00 | 5.0 | 6 | 7.9 | 25.00 | 130.00 | 16.00 | 8.2 | 25.0 | 80.0 |

● = First choice ○ = Good choice

Common data values

| SPA [deg] | FHA [deg] | TCDCON |
|---|---|---|
| 250 | 30.000 | h6 |

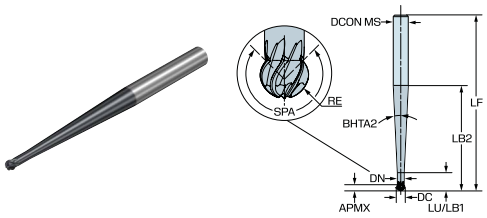
Imperial (inch)

| | P | S | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **T2CH** | **T2CH** | **T2CH** | **DC [inch]** | **RE [inch]** | **ZEFP** | **APMX [inch]** | **LU [inch]** | **LF [inch]** | **$DCON_{MS}$ [inch]** | **DN [inch]** | **$LB_1$ [inch]** | **$LB_2$ [inch]** |
| 2L465-0318-TA0794 | ○ | ● | ○ | 0.125 | 0.063 | 5 | 0.098 | 0.313 | 3.500 | 0.313 | 0.102 | 0.313 | 1.250 |
| 2L466-0476-TA0953 | ○ | ● | ○ | 0.188 | 0.094 | 6 | 0.148 | 0.437 | 3.500 | 0.375 | 0.154 | 0.438 | 1.875 |
| 2L466-0635-TA0953 | ○ | ● | ○ | 0.250 | 0.125 | 6 | 0.197 | 0.625 | 4.000 | 0.375 | 0.205 | 0.625 | 2.000 |
| 2L466-0794-TA1270 | ○ | ● | ○ | 0.313 | 0.156 | 6 | 0.246 | 0.750 | 4.375 | 0.500 | 0.256 | 0.750 | 2.500 |
| 2L466-0953-TA1588 | ○ | ● | ○ | 0.375 | 0.188 | 6 | 0.295 | 1.000 | 5.000 | 0.625 | 0.307 | 1.000 | 3.000 |

● = First choice ○ = Good choice

# CoroMill® Plura lollipop, solid carbide end mill for profiling

Optimised for titanium




Common data values

| SPA [deg] | FHA [deg] | TCDCON |
|---|---|---|
| 250 | 30.00 | h6 |

Metric (mm)

| | P | S | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **T2CH** | **T2CH** | **T2CH** | **DC [mm]** | **RE [mm]** | **ZEFP** | **APMX [mm]** | **LU [mm]** | **LF [mm]** | **$DCON_{MS}$ [mm]** | **DN [mm]** | **$LB_1$ [mm]** | **$LB_2$ [mm]** |
| 2L484-0200-TI0600 | ○ | ● | ○ | 2.00 | 1.0 | 4 | 1.6 | 5.00 | 95.00 | 6.00 | 1.6 | 5.0 | 30.0 |
| 2L485-0300-TI0800 | ○ | ● | ○ | 3.00 | 1.5 | 5 | 2.4 | 7.50 | 100.00 | 8.00 | 2.5 | 7.5 | 45.0 |
| 2L486-0400-TI0800 | ○ | ● | ○ | 4.00 | 2.0 | 6 | 3.2 | 10.00 | 100.00 | 8.00 | 3.3 | 10.0 | 60.0 |
| 2L486-0500-TI1000 | ○ | ● | ○ | 5.00 | 2.5 | 6 | 3.9 | 12.50 | 105.00 | 10.00 | 4.1 | 12.5 | 65.0 |
| 2L486-0600-TI1000 | ○ | ● | ○ | 6.00 | 3.0 | 6 | 4.7 | 15.00 | 110.00 | 10.00 | 4.9 | 15.0 | 70.0 |
| 2L486-0800-TI1200 | ○ | ● | ○ | 8.00 | 4.0 | 6 | 6.3 | 20.00 | 125.00 | 12.00 | 6.6 | 20.0 | 80.0 |
| 2L486-1000-TI1600 | ○ | ● | ○ | 10.00 | 5.0 | 6 | 7.9 | 25.00 | 160.00 | 16.00 | 8.2 | 25.0 | 110.0 |

● = First choice ○ = Good choice

Common data values

| SPA [deg] | FHA [deg] | TCDCON |
|---|---|---|
| 250 | 30.000 | h6 |

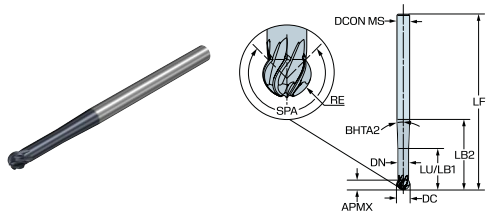
Imperial (inch)

| | P | S | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **T2CH** | **T2CH** | **T2CH** | **DC [inch]** | **RE [inch]** | **ZEFP** | **APMX [inch]** | **LU [inch]** | **LF [inch]** | **$DCON_{MS}$ [inch]** | **DN [inch]** | **$LB_1$ [inch]** | **$LB_2$ [inch]** |
| 2L485-0318-TI0794 | ○ | ● | ○ | 0.125 | 0.063 | 5 | 0.098 | 0.313 | 4.000 | 0.313 | 0.102 | 0.313 | 1.875 |
| 2L486-0476-TI0953 | ○ | ● | ○ | 0.188 | 0.094 | 6 | 0.148 | 0.437 | 4.250 | 0.375 | 0.154 | 0.438 | 2.500 |
| 2L486-0635-TI0953 | ○ | ● | ○ | 0.250 | 0.125 | 6 | 0.197 | 0.625 | 4.500 | 0.375 | 0.205 | 0.625 | 2.750 |
| 2L486-0794-TI1270 | ○ | ● | ○ | 0.313 | 0.156 | 6 | 0.246 | 0.750 | 5.000 | 0.500 | 0.256 | 0.750 | 3.125 |
| 2L486-0953-TI1588 | ○ | ● | ○ | 0.375 | 0.188 | 6 | 0.295 | 1.000 | 6.250 | 0.625 | 0.307 | 1.000 | 4.250 |

● = First choice ○ = Good choice

# CoroMill® Plura lollipop, solid carbide end mill for profiling

Optimised for heat resistant super alloys (HSRA)




Common data values

| SPA [deg] | FHA [deg] | TCDCON |
|---|---|---|
| 250 | 30.00 | h6 |

Metric (mm)

| | S | H | K | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **R2AH** | **R2AH** | **R2AH** | **DC [mm]** | **RE [mm]** | **ZEFP** | **APMX [mm]** | **LU [mm]** | **LF [mm]** | **$DCON_{MS}$ [mm]** | **DN [mm]** | **$LB_1$ [mm]** | **$LB_2$ [mm]** |
| 2L444-0200-RA0600 | ● | ○ | ○ | 2.00 | 1.0 | 4 | 1.6 | 7.00 | 70.00 | 6.00 | 1.6 | 7.0 | 14.0 |
| 2L445-0300-RA0600 | ● | ○ | ○ | 3.00 | 1.5 | 5 | 2.4 | 10.50 | 80.00 | 6.00 | 2.5 | 10.5 | 18.0 |
| 2L446-0400-RA0600 | ● | ○ | ○ | 4.00 | 2.0 | 6 | 3.2 | 14.00 | 80.00 | 6.00 | 3.3 | 14.0 | 24.0 |
| 2L446-0500-RA0600 | ● | ○ | ○ | 5.00 | 2.5 | 6 | 3.9 | 17.50 | 80.00 | 6.00 | 4.1 | 17.5 | 30.0 |
| 2L446-0600-RA0600 | ● | ○ | ○ | 6.00 | 3.0 | 6 | 4.7 | 21.00 | 90.00 | 6.00 | 4.9 | 21.0 | 36.0 |
| 2L446-0800-RA0800 | ● | ○ | ○ | 8.00 | 4.0 | 6 | 6.3 | 28.00 | 100.00 | 8.00 | 6.6 | 28.0 | 48.0 |
| 2L446-1000-RA1000 | ● | ○ | ○ | 10.00 | 5.0 | 6 | 7.9 | 35.00 | 100.00 | 10.00 | 8.2 | 35.0 | 60.0 |

● = First choice ○ = Good choice

Common data values

| SPA [deg] | FHA [deg] | TCDCON |
|---|---|---|
| 250 | 30.000 | h6 |

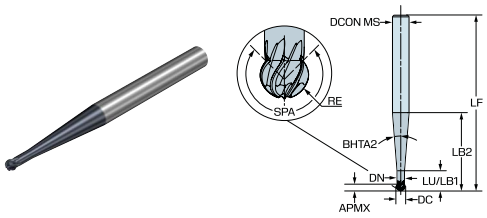
Imperial (inch)

| | S | H | K | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **R2AH** | **R2AH** | **R2AH** | **DC [inch]** | **RE [inch]** | **ZEFP** | **APMX [inch]** | **LU [inch]** | **LF [inch]** | **$DCON_{MS}$ [inch]** | **DN [inch]** | **$LB_1$ [inch]** | **$LB_2$ [inch]** |
| 2L445-0318-RA0635 | ● | ○ | ○ | 0.125 | 0.063 | 5 | 0.098 | 0.437 | 3.000 | 0.250 | 0.102 | 0.438 | 0.750 |
| 2L446-0476-RA0635 | ● | ○ | ○ | 0.188 | 0.094 | 6 | 0.148 | 0.625 | 3.000 | 0.250 | 0.154 | 0.625 | 1.125 |
| 2L446-0635-RA0635 | ● | ○ | ○ | 0.250 | 0.125 | 6 | 0.197 | 0.875 | 3.500 | 0.250 | 0.205 | 0.875 | 1.500 |
| 2L446-0794-RA0794 | ● | ○ | ○ | 0.313 | 0.156 | 6 | 0.246 | 1.125 | 3.750 | 0.313 | 0.256 | 1.125 | 1.875 |
| 2L446-0953-RA0953 | ● | ○ | ○ | 0.375 | 0.188 | 6 | 0.295 | 1.375 | 4.000 | 0.375 | 0.307 | 1.375 | 2.250 |

● = First choice ○ = Good choice

# CoroMill® Plura lollipop, solid carbide end mill for profiling

Optimised for heat resistant super alloys (HSRA)




Common data values

| SPA [deg] | FHA [deg] | TCDCON |
|---|---|---|
| 250 | 30.00 | h6 |

Metric (mm)

| | S | H | K | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **R2AH** | **R2AH** | **R2AH** | **DC [mm]** | **RE [mm]** | **ZEFP** | **APMX [mm]** | **LU [mm]** | **LF [mm]** | **$DCON_{MS}$ [mm]** | **DN [mm]** | **$LB_1$ [mm]** | **$LB_2$ [mm]** |
| 2L464-0200-RA0600 | ● | ○ | ○ | 2.00 | 1.0 | 4 | 1.6 | 5.00 | 85.00 | 6.00 | 1.6 | 5.0 | 20.0 |
| 2L465-0300-RA0800 | ● | ○ | ○ | 3.00 | 1.5 | 5 | 2.4 | 7.50 | 90.00 | 8.00 | 2.5 | 7.5 | 30.0 |
| 2L466-0400-RA0800 | ● | ○ | ○ | 4.00 | 2.0 | 6 | 3.2 | 10.00 | 90.00 | 8.00 | 3.3 | 10.0 | 40.0 |
| 2L466-0500-RA1000 | ● | ○ | ○ | 5.00 | 2.5 | 6 | 3.9 | 12.50 | 90.00 | 10.00 | 4.1 | 12.5 | 50.0 |
| 2L466-0600-RA1000 | ● | ○ | ○ | 6.00 | 3.0 | 6 | 4.7 | 15.00 | 100.00 | 10.00 | 4.9 | 15.0 | 55.0 |
| 2L466-0800-RA1200 | ● | ○ | ○ | 8.00 | 4.0 | 6 | 6.3 | 20.00 | 110.00 | 12.00 | 6.6 | 20.0 | 65.0 |
| 2L466-1000-RA1600 | ● | ○ | ○ | 10.00 | 5.0 | 6 | 7.9 | 25.00 | 130.00 | 16.00 | 8.2 | 25.0 | 80.0 |

● = First choice ○ = Good choice

Common data values

| SPA [deg] | FHA [deg] | TCDCON |
|---|---|---|
| 250 | 30.000 | h6 |

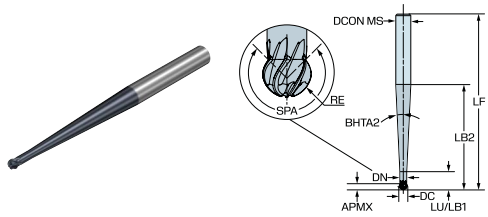
Imperial (inch)

| | S | H | K | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **R2AH** | **R2AH** | **R2AH** | **DC [inch]** | **RE [inch]** | **ZEFP** | **APMX [inch]** | **LU [inch]** | **LF [inch]** | **$DCON_{MS}$ [inch]** | **DN [inch]** | **$LB_1$ [inch]** | **$LB_2$ [inch]** |
| 2L465-0318-RA0794 | ● | ○ | ○ | 0.125 | 0.063 | 5 | 0.098 | 0.313 | 3.500 | 0.313 | 0.102 | 0.313 | 1.250 |
| 2L466-0476-RA0953 | ● | ○ | ○ | 0.188 | 0.094 | 6 | 0.148 | 0.437 | 3.500 | 0.375 | 0.154 | 0.438 | 1.875 |
| 2L466-0635-RA0953 | ● | ○ | ○ | 0.250 | 0.125 | 6 | 0.197 | 0.625 | 4.000 | 0.375 | 0.205 | 0.625 | 2.000 |
| 2L466-0794-RA1270 | ● | ○ | ○ | 0.313 | 0.156 | 6 | 0.246 | 0.750 | 4.375 | 0.500 | 0.256 | 0.750 | 2.500 |
| 2L466-0953-RA1588 | ● | ○ | ○ | 0.375 | 0.188 | 6 | 0.295 | 1.000 | 5.000 | 0.625 | 0.307 | 1.000 | 3.000 |

● = First choice ○ = Good choice

# CoroMill® Plura lollipop, solid carbide end mill for profiling

Optimised for heat resistant super alloys (HSRA)




Common data values

| SPA [deg] | FHA [deg] | TCDCON |
|---|---|---|
| 250 | 30.00 | h6 |

Metric (mm)

| | S | H | K | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **R2AH** | **R2AH** | **R2AH** | **DC [mm]** | **RE [mm]** | **ZEFP** | **APMX [mm]** | **LU [mm]** | **LF [mm]** | **$DCON_{MS}$ [mm]** | **DN [mm]** | **$LB_1$ [mm]** | **$LB_2$ [mm]** |
| 2L484-0200-RI0600 | ● | ○ | ○ | 2.00 | 1.0 | 4 | 1.6 | 5.00 | 95.00 | 6.00 | 1.6 | 5.0 | 30.0 |
| 2L485-0300-RI0800 | ● | ○ | ○ | 3.00 | 1.5 | 5 | 2.4 | 7.50 | 100.00 | 8.00 | 2.5 | 7.5 | 45.0 |
| 2L486-0400-RI0800 | ● | ○ | ○ | 4.00 | 2.0 | 6 | 3.2 | 10.00 | 100.00 | 8.00 | 3.3 | 10.0 | 60.0 |
| 2L486-0500-RI1000 | ● | ○ | ○ | 5.00 | 2.5 | 6 | 3.9 | 12.50 | 105.00 | 10.00 | 4.1 | 12.5 | 65.0 |
| 2L486-0600-RI1000 | ● | ○ | ○ | 6.00 | 3.0 | 6 | 4.7 | 15.00 | 110.00 | 10.00 | 4.9 | 15.0 | 70.0 |
| 2L486-0800-RI1200 | ● | ○ | ○ | 8.00 | 4.0 | 6 | 6.3 | 20.00 | 125.00 | 12.00 | 6.6 | 20.0 | 80.0 |
| 2L486-1000-RI1600 | ● | ○ | ○ | 10.00 | 5.0 | 6 | 7.9 | 25.00 | 160.00 | 16.00 | 8.2 | 25.0 | 110.0 |

● = First choice ○ = Good choice

Common data values

| SPA [deg] | FHA [deg] | TCDCON |
|---|---|---|
| 250 | 30.000 | h6 |

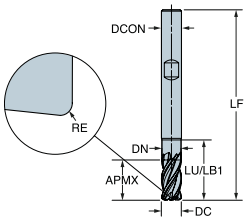
Imperial (inch)

| | S | H | K | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **R2AH** | **R2AH** | **R2AH** | **DC [inch]** | **RE [inch]** | **ZEFP** | **APMX [inch]** | **LU [inch]** | **LF [inch]** | **$DCON_{MS}$ [inch]** | **DN [inch]** | **$LB_1$ [inch]** | **$LB_2$ [inch]** |
| 2L485-0318-RI0794 | ● | ○ | ○ | 0.125 | 0.063 | 5 | 0.098 | 0.313 | 4.000 | 0.313 | 0.102 | 0.313 | 1.875 |
| 2L486-0476-RI0953 | ● | ○ | ○ | 0.188 | 0.094 | 6 | 0.148 | 0.437 | 4.250 | 0.375 | 0.154 | 0.438 | 2.500 |
| 2L486-0635-RI0953 | ● | ○ | ○ | 0.250 | 0.125 | 6 | 0.197 | 0.625 | 4.500 | 0.375 | 0.205 | 0.625 | 2.750 |
| 2L486-0794-RI1270 | ● | ○ | ○ | 0.313 | 0.156 | 6 | 0.246 | 0.750 | 5.000 | 0.500 | 0.256 | 0.750 | 3.125 |
| 2L486-0953-RI1588 | ● | ○ | ○ | 0.375 | 0.188 | 6 | 0.295 | 1.000 | 6.250 | 0.625 | 0.307 | 1.000 | 4.250 |

● = First choice ○ = Good choice

# CoroMill® Plura, solid carbide end mill for heavy duty milling

Optimised for titanium - internal coolant supply




Common data values

| ZEFP | CNSC | FHA [deg] | TCDCON | TCDC |
|---|---|---|---|---|
| 4 | 1 | 42.00 | h6 | h10 |

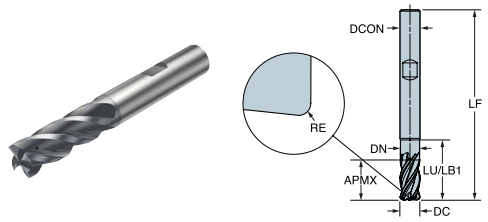
Metric (mm)

| | S | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **1745** | **1745** | **DC [mm]** | **RE [mm]** | **APMX [mm]** | **LU [mm]** | **LF [mm]** | **$DCON_{MS}$ [mm]** | **DN [mm]** |
| 2S344-0600-050CTD | ● | ○ | 6.00 | 0.5 | 13.0 | 20.00 | 57.00 | 6.00 | 5.7 |
| 2S344-0600-100CTD | ● | ○ | 6.00 | 1.0 | 13.0 | 20.00 | 57.00 | 6.00 | 5.7 |
| 2S344-0800-050CTD | ● | ○ | 8.00 | 0.5 | 18.0 | 26.00 | 63.00 | 8.00 | 7.6 |
| 2S344-0800-100CTD | ● | ○ | 8.00 | 1.0 | 18.0 | 26.00 | 63.00 | 8.00 | 7.6 |
| 2S344-0800-200CTD | ● | ○ | 8.00 | 2.0 | 18.0 | 26.00 | 63.00 | 8.00 | 7.6 |
| 2S344-1000-050CTD | ● | ○ | 10.00 | 0.5 | 22.0 | 30.50 | 72.00 | 10.00 | 9.5 |
| 2S344-1000-100CTD | ● | ○ | 10.00 | 1.0 | 22.0 | 30.50 | 72.00 | 10.00 | 9.5 |
| 2S344-1000-200CTD | ● | ○ | 10.00 | 2.0 | 22.0 | 30.50 | 72.00 | 10.00 | 9.5 |
| 2S344-1200-050CTD | ● | ○ | 12.00 | 0.5 | 26.0 | 36.00 | 83.00 | 12.00 | 11.4 |
| 2S344-1200-100CTD | ● | ○ | 12.00 | 1.0 | 26.0 | 36.00 | 83.00 | 12.00 | 11.4 |
| 2S344-1200-200CTD | ● | ○ | 12.00 | 2.0 | 26.0 | 36.00 | 83.00 | 12.00 | 11.4 |
| 2S344-1200-250CTD | ● | ○ | 12.00 | 2.5 | 26.0 | 36.00 | 83.00 | 12.00 | 11.4 |
| 2S344-1200-300CTD | ● | ○ | 12.00 | 3.0 | 26.0 | 36.00 | 83.00 | 12.00 | 11.4 |
| 2S344-1600-050CTD | ● | ○ | 16.00 | 0.5 | 34.0 | 47.00 | 97.00 | 16.00 | 15.2 |
| 2S344-1600-100CTD | ● | ○ | 16.00 | 1.0 | 34.0 | 47.00 | 97.00 | 16.00 | 15.2 |
| 2S344-1600-200CTD | ● | ○ | 16.00 | 2.0 | 34.0 | 47.00 | 97.00 | 16.00 | 15.2 |
| 2S344-1600-250CTD | ● | ○ | 16.00 | 2.5 | 34.0 | 47.00 | 97.00 | 16.00 | 15.2 |
| 2S344-1600-300CTD | ● | ○ | 16.00 | 3.0 | 34.0 | 47.00 | 97.00 | 16.00 | 15.2 |
| 2S344-1600-400CTD | ● | ○ | 16.00 | 4.0 | 34.0 | 47.00 | 97.00 | 16.00 | 15.2 |
| 2S344-2000-050CTD | ● | ○ | 20.00 | 0.5 | 42.0 | 56.00 | 109.60 | 20.00 | 19.0 |
| 2S344-2000-100CTD | ● | ○ | 20.00 | 1.0 | 42.0 | 56.00 | 109.60 | 20.00 | 19.0 |
| 2S344-2000-200CTD | ● | ○ | 20.00 | 2.0 | 42.0 | 56.00 | 109.60 | 20.00 | 19.0 |
| 2S344-2000-250CTD | ● | ○ | 20.00 | 2.5 | 42.0 | 56.00 | 109.60 | 20.00 | 19.0 |
| 2S344-2000-300CTD | ● | ○ | 20.00 | 3.0 | 42.0 | 56.00 | 109.60 | 20.00 | 19.0 |
| 2S344-2000-400CTD | ● | ○ | 20.00 | 4.0 | 42.0 | 56.00 | 109.60 | 20.00 | 19.0 |
| 2S344-2500-050CTD | ● | ○ | 25.00 | 0.5 | 52.0 | 70.50 | 129.50 | 25.00 | 23.8 |
| 2S344-2500-100CTD | ● | ○ | 25.00 | 1.0 | 52.0 | 70.50 | 129.50 | 25.00 | 23.8 |
| 2S344-2500-200CTD | ● | ○ | 25.00 | 2.0 | 52.0 | 70.50 | 129.50 | 25.00 | 23.8 |
| 2S344-2500-250CTD | ● | ○ | 25.00 | 2.5 | 52.0 | 70.50 | 129.50 | 25.00 | 23.8 |
| 2S344-2500-300CTD | ● | ○ | 25.00 | 3.0 | 52.0 | 70.50 | 129.50 | 25.00 | 23.8 |

● = First choice ○ = Good choice

# CoroMill® Plura, solid carbide end mill for heavy duty milling

Optimised for titanium - internal coolant supply




Common data values

| ZEFP | CNSC | FHA [deg] | TCDCON | TCDC |
|---|---|---|---|---|
| 4 | 1 | 42.00 | h6 | h10 |

Metric (mm)

| | S | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Ordering code | 1745 | 1745 | DC [mm] | RE [mm] | APMX [mm] | LU [mm] | LF [mm] | $DCON_{MS}$ [mm] | DN [mm] |
| 2S344-2500-400CTD | ● | ○ | 25.00 | 4.0 | 52.0 | 70.50 | 129.50 | 25.00 | 23.8 |

● = First choice ○ = Good choice

Common data values

| ZEFP | CNSC | FHA [deg] | TCDCON | TCDC |
|---|---|---|---|---|
| 4 | 1 | 42.000 | h6 | h10 |

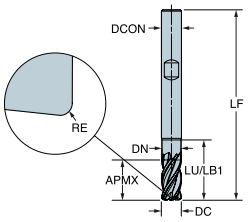
Imperial (inch)

| | S | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Ordering code | 1745 | 1745 | DC [inch] | RE [inch] | APMX [inch] | LU [inch] | LF [inch] | $DCON_{MS}$ [inch] | DN [inch] |
| 2S344-0635-038CTD | ● | ○ | 0.250 | 0.015 | 0.625 | 1.000 | 2.500 | 0.250 | 0.237 |
| 2S344-0635-076CTD | ● | ○ | 0.250 | 0.030 | 0.625 | 1.000 | 2.500 | 0.250 | 0.237 |
| 2S344-0635-152CTD | ● | ○ | 0.250 | 0.060 | 0.625 | 1.000 | 2.500 | 0.250 | 0.237 |
| 2S344-0952-038CTD | ● | ○ | 0.375 | 0.015 | 0.875 | 1.230 | 2.820 | 0.375 | 0.356 |
| 2S344-0952-076CTD | ● | ○ | 0.375 | 0.030 | 0.875 | 1.230 | 2.820 | 0.375 | 0.356 |
| 2S344-0952-152CTD | ● | ○ | 0.375 | 0.060 | 0.875 | 1.230 | 2.820 | 0.375 | 0.356 |
| 2S344-0952-229CTD | ● | ○ | 0.375 | 0.090 | 0.875 | 1.230 | 2.820 | 0.375 | 0.356 |
| 2S344-1270-076CTD | ● | ○ | 0.500 | 0.030 | 1.125 | 1.600 | 3.410 | 0.500 | 0.475 |
| 2S344-1270-152CTD | ● | ○ | 0.500 | 0.060 | 1.125 | 1.600 | 3.410 | 0.500 | 0.475 |
| 2S344-1270-229CTD | ● | ○ | 0.500 | 0.090 | 1.125 | 1.600 | 3.410 | 0.500 | 0.475 |
| 2S344-1588-076CTD | ● | ○ | 0.625 | 0.030 | 1.315 | 1.830 | 3.780 | 0.625 | 0.594 |
| 2S344-1588-152CTD | ● | ○ | 0.625 | 0.060 | 1.315 | 1.830 | 3.780 | 0.625 | 0.594 |
| 2S344-1588-229CTD | ● | ○ | 0.625 | 0.090 | 1.315 | 1.830 | 3.780 | 0.625 | 0.594 |
| 2S344-1588-305CTD | ● | ○ | 0.625 | 0.120 | 1.315 | 1.830 | 3.780 | 0.625 | 0.594 |
| 2S344-1588-483CTD | ● | ○ | 0.625 | 0.190 | 1.315 | 1.830 | 3.780 | 0.625 | 0.594 |

● = First choice ○ = Good choice

# CoroMill® Plura, solid carbide end mill for heavy duty milling

Optimised for titanium - internal coolant supply




Common data values

| ZEFP | CNSC | FHA [deg] | TCDCON | TCDC |
|---|---|---|---|---|
| 4 | 1 | 42.000 | h6 | h10 |

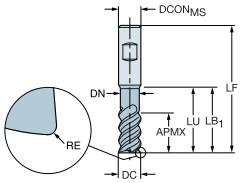
Imperial (inch)

| | S | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **1745** | **1745** | **DC [inch]** | **RE [inch]** | **APMX [inch]** | **LU [inch]** | **LF [inch]** | **$DCON_{MS}$ [inch]** | **DN [inch]** |
| 2S344-1905-076CTD | ● | ○ | 0.750 | 0.030 | 1.625 | 2.230 | 4.320 | 0.750 | 0.712 |
| 2S344-1905-152CTD | ● | ○ | 0.750 | 0.060 | 1.625 | 2.230 | 4.320 | 0.750 | 0.712 |
| 2S344-1905-229CTD | ● | ○ | 0.750 | 0.090 | 1.625 | 2.230 | 4.320 | 0.750 | 0.712 |
| 2S344-1905-305CTD | ● | ○ | 0.750 | 0.120 | 1.625 | 2.230 | 4.320 | 0.750 | 0.712 |
| 2S344-1905-483CTD | ● | ○ | 0.750 | 0.190 | 1.625 | 2.230 | 4.320 | 0.750 | 0.712 |
| 2S344-2540-076CTD | ● | ○ | 1.000 | 0.030 | 2.125 | 2.880 | 5.220 | 1.000 | 0.950 |
| 2S344-2540-152CTD | ● | ○ | 1.000 | 0.060 | 2.125 | 2.880 | 5.220 | 1.000 | 0.950 |
| 2S344-2540-229CTD | ● | ○ | 1.000 | 0.090 | 2.125 | 2.880 | 5.220 | 1.000 | 0.950 |
| 2S344-2540-305CTD | ● | ○ | 1.000 | 0.120 | 2.125 | 2.880 | 5.220 | 1.000 | 0.950 |
| 2S344-2540-483CTD | ● | ○ | 1.000 | 0.190 | 2.125 | 2.880 | 5.220 | 1.000 | 0.950 |
| 2S344-2540-635CTD | ● | ○ | 1.000 | 0.250 | 2.125 | 2.880 | 5.220 | 1.000 | 0.950 |

● = First choice ○ = Good choice

# CoroMill® Plura, solid carbide end mill for heavy duty milling

Optimised for titanium




Common data values

| ZEFP | FHA [deg] | TCDCON | TCDC |
|---|---|---|---|
| 5 | 42.00 | h6 | h10 |

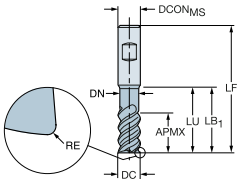
Metric (mm)

| | S | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Ordering code | 1745 | 1745 | DC [mm] | RE [mm] | APMX [mm] | LU [mm] | LF [mm] | DCON$_{MS}$ [mm] | DN [mm] |
| 2F345-0600-050-TD | ● | ○ | 6.00 | 0.5 | 13.0 | 20.00 | 57.00 | 6.00 | 5.7 |
| 2F345-0600-100-TD | ● | ○ | 6.00 | 1.0 | 13.0 | 20.00 | 57.00 | 6.00 | 5.7 |
| 2F345-0800-050-TD | ● | ○ | 8.00 | 0.5 | 18.0 | 25.00 | 63.00 | 8.00 | 7.6 |
| 2F345-0800-100-TD | ● | ○ | 8.00 | 1.0 | 18.0 | 25.00 | 63.00 | 8.00 | 7.6 |
| 2F345-0800-200-TD | ● | ○ | 8.00 | 2.0 | 18.0 | 25.00 | 63.00 | 8.00 | 7.6 |
| 2F345-1000-050-TD | ● | ○ | 10.00 | 0.5 | 22.0 | 30.00 | 72.00 | 10.00 | 9.5 |
| 2F345-1000-100-TD | ● | ○ | 10.00 | 1.0 | 22.0 | 30.00 | 72.00 | 10.00 | 9.5 |
| 2F345-1000-200-TD | ● | ○ | 10.00 | 2.0 | 22.0 | 30.00 | 72.00 | 10.00 | 9.5 |
| 2F345-1200-050-TD | ● | ○ | 12.00 | 0.5 | 26.0 | 36.00 | 83.00 | 12.00 | 11.4 |
| 2F345-1200-100-TD | ● | ○ | 12.00 | 1.0 | 26.0 | 36.00 | 83.00 | 12.00 | 11.4 |
| 2F345-1200-200-TD | ● | ○ | 12.00 | 2.0 | 26.0 | 36.00 | 83.00 | 12.00 | 11.4 |
| 2F345-1200-250-TD | ● | ○ | 12.00 | 2.5 | 26.0 | 36.00 | 83.00 | 12.00 | 11.4 |
| 2F345-1200-300-TD | ● | ○ | 12.00 | 3.0 | 26.0 | 36.00 | 83.00 | 12.00 | 11.4 |
| 2F345-1600-050-TD | ● | ○ | 16.00 | 0.5 | 34.0 | 42.00 | 92.00 | 16.00 | 15.2 |
| 2F345-1600-100-TD | ● | ○ | 16.00 | 1.0 | 34.0 | 42.00 | 92.00 | 16.00 | 15.2 |
| 2F345-1600-200-TD | ● | ○ | 16.00 | 2.0 | 34.0 | 42.00 | 92.00 | 16.00 | 15.2 |
| 2F345-1600-250-TD | ● | ○ | 16.00 | 2.5 | 34.0 | 42.00 | 92.00 | 16.00 | 15.2 |
| 2F345-1600-300-TD | ● | ○ | 16.00 | 3.0 | 34.0 | 42.00 | 92.00 | 16.00 | 15.2 |
| 2F345-1600-400-TD | ● | ○ | 16.00 | 4.0 | 34.0 | 42.00 | 92.00 | 16.00 | 15.2 |
| 2F345-2000-050-TD | ● | ○ | 20.00 | 0.5 | 42.0 | 52.00 | 104.00 | 20.00 | 19.0 |
| 2F345-2000-100-TD | ● | ○ | 20.00 | 1.0 | 42.0 | 52.00 | 104.00 | 20.00 | 19.0 |
| 2F345-2000-200-TD | ● | ○ | 20.00 | 2.0 | 42.0 | 52.00 | 104.00 | 20.00 | 19.0 |
| 2F345-2000-250-TD | ● | ○ | 20.00 | 2.5 | 42.0 | 52.00 | 104.00 | 20.00 | 19.0 |
| 2F345-2000-300-TD | ● | ○ | 20.00 | 3.0 | 42.0 | 52.00 | 104.00 | 20.00 | 19.0 |
| 2F345-2000-400-TD | ● | ○ | 20.00 | 4.0 | 42.0 | 52.00 | 104.00 | 20.00 | 19.0 |
| 2F345-2500-050-TD | ● | ○ | 25.00 | 0.5 | 52.0 | 63.00 | 121.00 | 25.00 | 24.0 |
| 2F345-2500-100-TD | ● | ○ | 25.00 | 1.0 | 52.0 | 63.00 | 121.00 | 25.00 | 24.0 |
| 2F345-2500-200-TD | ● | ○ | 25.00 | 2.0 | 52.0 | 63.00 | 121.00 | 25.00 | 24.0 |
| 2F345-2500-250-TD | ● | ○ | 25.00 | 2.5 | 52.0 | 63.00 | 121.00 | 25.00 | 24.0 |
| 2F345-2500-300-TD | ● | ○ | 25.00 | 3.0 | 52.0 | 63.00 | 121.00 | 25.00 | 24.0 |

● = First choice ○ = Good choice

# CoroMill® Plura, solid carbide end mill for heavy duty milling

Optimised for titanium




Common data values

| ZEFP | FHA [deg] | TCDCON | TCDC |
|---|---|---|---|
| 5 | 42.00 | h6 | h10 |

Metric (mm)

| | S | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **1745** | **1745** | **DC [mm]** | **RE [mm]** | **APMX [mm]** | **LU [mm]** | **LF [mm]** | **DCONMS [mm]** | **DN [mm]** |
| 2F345-2500-400-TD | ● | ○ | 25.00 | 4.0 | 52.0 | 63.00 | 121.00 | 25.00 | 24.0 |

● = First choice ○ = Good choice

Common data values

| ZEFP | FHA [deg] | TCDCON | TCDC |
|---|---|---|---|
| 5 | 42.000 | h6 | h10 |

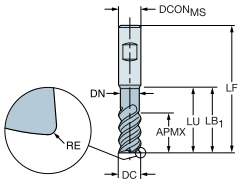
Imperial (inch)

| | S | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **1745** | **1745** | **DC [inch]** | **RE [inch]** | **APMX [inch]** | **LU [inch]** | **LF [inch]** | **DCONMS [inch]** | **DN [inch]** |
| 2F345-0635-038-TD | ● | ○ | 0.250 | 0.015 | 0.625 | 0.937 | 2.500 | 0.250 | 0.237 |
| 2F345-0635-076-TD | ● | ○ | 0.250 | 0.030 | 0.625 | 0.937 | 2.500 | 0.250 | 0.237 |
| 2F345-0635-152-TD | ● | ○ | 0.250 | 0.060 | 0.625 | 0.937 | 2.500 | 0.250 | 0.237 |
| 2F345-0952-038-TD | ● | ○ | 0.375 | 0.015 | 0.875 | 1.250 | 3.000 | 0.375 | 0.356 |
| 2F345-0952-076-TD | ● | ○ | 0.375 | 0.030 | 0.875 | 1.250 | 3.000 | 0.375 | 0.356 |
| 2F345-0952-152-TD | ● | ○ | 0.375 | 0.060 | 0.875 | 1.250 | 3.000 | 0.375 | 0.356 |
| 2F345-0952-229-TD | ● | ○ | 0.375 | 0.090 | 0.875 | 1.250 | 3.000 | 0.375 | 0.356 |
| 2F345-1270-076-TD | ● | ○ | 0.500 | 0.030 | 1.125 | 1.438 | 3.500 | 0.500 | 0.475 |
| 2F345-1270-152-TD | ● | ○ | 0.500 | 0.060 | 1.125 | 1.438 | 3.500 | 0.500 | 0.475 |
| 2F345-1270-229-TD | ● | ○ | 0.500 | 0.090 | 1.125 | 1.438 | 3.500 | 0.500 | 0.475 |
| 2F345-1588-076-TD | ● | ○ | 0.625 | 0.030 | 1.315 | 1.625 | 3.780 | 0.625 | 0.594 |
| 2F345-1588-152-TD | ● | ○ | 0.625 | 0.060 | 1.315 | 1.625 | 3.780 | 0.625 | 0.594 |
| 2F345-1588-229-TD | ● | ○ | 0.625 | 0.090 | 1.315 | 1.625 | 3.780 | 0.625 | 0.594 |
| 2F345-1588-305-TD | ● | ○ | 0.625 | 0.120 | 1.315 | 1.625 | 3.780 | 0.625 | 0.594 |
| 2F345-1588-483-TD | ● | ○ | 0.625 | 0.190 | 1.315 | 1.625 | 3.780 | 0.625 | 0.594 |

● = First choice ○ = Good choice

# CoroMill® Plura, solid carbide end mill for heavy duty milling

Optimised for titanium




Common data values

| ZEFP | FHA [deg] | TCDCON | TCDC |
|---|---|---|---|
| 5 | 42.000 | h6 | h10 |

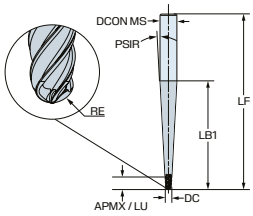
Imperial (inch)

| | S | M | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Ordering code | 1745 | 1745 | DC [inch] | RE [inch] | APMX [inch] | LU [inch] | LF [inch] | DCONMS [inch] | DN [inch] |
| 2F345-1905-076-TD | ● | ○ | 0.750 | 0.030 | 1.625 | 1.938 | 4.000 | 0.750 | 0.712 |
| 2F345-1905-152-TD | ● | ○ | 0.750 | 0.060 | 1.625 | 1.938 | 4.000 | 0.750 | 0.712 |
| 2F345-1905-229-TD | ● | ○ | 0.750 | 0.090 | 1.625 | 1.938 | 4.000 | 0.750 | 0.712 |
| 2F345-1905-305-TD | ● | ○ | 0.750 | 0.120 | 1.625 | 1.938 | 4.000 | 0.750 | 0.712 |
| 2F345-1905-483-TD | ● | ○ | 0.750 | 0.190 | 1.625 | 1.938 | 4.000 | 0.750 | 0.712 |
| 2F345-2540-076-TD | ● | ○ | 1.000 | 0.030 | 2.125 | 2.880 | 5.220 | 1.000 | 0.950 |
| 2F345-2540-152-TD | ● | ○ | 1.000 | 0.060 | 2.125 | 2.880 | 5.220 | 1.000 | 0.950 |
| 2F345-2540-229-TD | ● | ○ | 1.000 | 0.090 | 2.125 | 2.880 | 5.220 | 1.000 | 0.950 |
| 2F345-2540-305-TD | ● | ○ | 1.000 | 0.120 | 2.125 | 2.880 | 5.220 | 1.000 | 0.950 |
| 2F345-2540-483-TD | ● | ○ | 1.000 | 0.190 | 2.125 | 2.880 | 5.220 | 1.000 | 0.950 |
| 2F345-2540-635-TD | ● | ○ | 1.000 | 0.250 | 2.125 | 2.880 | 5.220 | 1.000 | 0.950 |

● = First choice ○ = Good choice

# CoroMill® Plura conical ball nose, solid carbide end mill for profiling

Optimised for titanium




Common data values

| FHA [deg] | TCDCON | TCDC | PSIR [deg] |
|---|---|---|---|
| 42.00 | h6 | h10 | 3.00 |

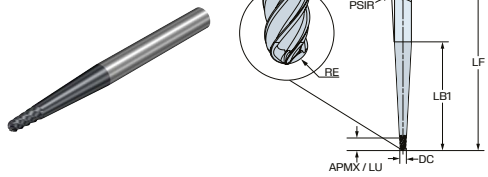
Metric (mm)

| | P | S | M | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **T2CH** | **T2CH** | **T2CH** | **DC [mm]** | **RE [mm]** | **ZEFP** | **APMX [mm]** | **LU [mm]** | **LF [mm]** | **$DCON_{MS}$ [mm]** | **$LB_1$ [mm]** |
| 2T345-0300-TA0600 | ○ | ● | ○ | 3.00 | 1.5 | 5 | 7.5 | 7.50 | 70.00 | 6.00 | 30.1 |
| 2T345-0300-TA0800 | ○ | ● | ○ | 3.00 | 1.5 | 5 | 8.0 | 8.00 | 90.00 | 8.00 | 49.2 |
| 2T345-0300-TA1000 | ○ | ● | ○ | 3.00 | 1.5 | 5 | 10.0 | 10.00 | 110.00 | 10.00 | 68.2 |
| 2T346-0400-TA0600 | ○ | ● | ○ | 4.00 | 2.0 | 6 | 10.0 | 10.00 | 70.00 | 6.00 | 21.0 |
| 2T346-0400-TA0800 | ○ | ● | ○ | 4.00 | 2.0 | 6 | 10.0 | 10.00 | 90.00 | 8.00 | 40.1 |
| 2T346-0400-TA1000 | ○ | ● | ○ | 4.00 | 2.0 | 6 | 10.0 | 10.00 | 110.00 | 10.00 | 59.2 |
| 2T346-0400-TA1200 | ○ | ● | ○ | 4.00 | 2.0 | 6 | 12.0 | 12.00 | 125.00 | 12.00 | 78.3 |
| 2T346-0500-TA0800 | ○ | ● | ○ | 5.00 | 2.5 | 6 | 12.5 | 12.50 | 90.00 | 8.00 | 31.1 |
| 2T346-0500-TA1000 | ○ | ● | ○ | 5.00 | 2.5 | 6 | 12.5 | 12.50 | 110.00 | 10.00 | 50.1 |
| 2T346-0500-TA1200 | ○ | ● | ○ | 5.00 | 2.5 | 6 | 12.5 | 12.50 | 125.00 | 12.00 | 69.2 |
| 2T346-0600-TA1000 | ○ | ● | ○ | 6.00 | 3.0 | 6 | 15.0 | 15.00 | 110.00 | 10.00 | 41.1 |
| 2T346-0600-TA1200 | ○ | ● | ○ | 6.00 | 3.0 | 6 | 15.0 | 15.00 | 125.00 | 12.00 | 60.2 |
| 2T346-0800-TA1200 | ○ | ● | ○ | 8.00 | 4.0 | 6 | 20.0 | 20.00 | 125.00 | 12.00 | 42.1 |
| 2T346-1000-TA1200 | ○ | ● | ○ | 10.00 | 5.0 | 6 | 22.0 | 22.00 | 125.00 | 12.00 | 24.0 |

● = First choice ○ = Good choice

# CoroMill® Plura conical ball nose, solid carbide end mill for profiling

Optimised for titanium




Common data values

| FHA [deg] | TCDCON | TCDC | PSIR [deg] |
|---|---|---|---|
| 42.000 | h6 | h10 | 3.000 |

Imperial (inch)

| | P | S | M | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **T2CH** | **T2CH** | **T2CH** | **DC [inch]** | **RE [inch]** | **ZEFP** | **APMX [inch]** | **LU [inch]** | **LF [inch]** | **$DCON_{MS}$ [inch]** | **$LB_1$ [inch]** |
| 2T345-0318-TA0635 | ○ | ● | ○ | 0.125 | 0.063 | 5 | 0.313 | 0.313 | 3.000 | 0.250 | 1.253 |
| 2T345-0318-TA0953 | ○ | ● | ○ | 0.125 | 0.063 | 5 | 0.375 | 0.375 | 4.250 | 0.375 | 2.446 |
| 2T346-0476-TA0953 | ○ | ● | ○ | 0.188 | 0.094 | 6 | 0.469 | 0.469 | 4.250 | 0.375 | 1.880 |
| 2T346-0476-TA1270 | ○ | ● | ○ | 0.188 | 0.094 | 6 | 0.500 | 0.500 | 5.000 | 0.500 | 3.073 |
| 2T346-0635-TA0953 | ○ | ● | ○ | 0.250 | 0.125 | 6 | 0.625 | 0.625 | 4.250 | 0.375 | 1.314 |
| 2T346-0635-TA1270 | ○ | ● | ○ | 0.250 | 0.125 | 6 | 0.625 | 0.625 | 5.000 | 0.500 | 2.507 |
| 2T346-0794-TA1270 | ○ | ● | ○ | 0.313 | 0.156 | 6 | 0.781 | 0.781 | 5.000 | 0.500 | 1.941 |

● = First choice ○ = Good choice

# CoroMill® Plura conical ball nose, solid carbide end mill for profiling

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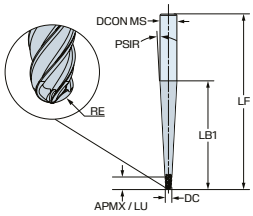


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| 2T345-0300-TE0600 | ○ | ● | ○ | 3.00 | 1.5 | 5 | 7.5 | 7.50 | 100.00 | 6.00 | 30.1 |
| 2T345-0300-TE0800 | ○ | ● | ○ | 3.00 | 1.5 | 5 | 8.0 | 8.00 | 120.00 | 8.00 | 49.2 |
| 2T345-0300-TE1000 | ○ | ● | ○ | 3.00 | 1.5 | 5 | 10.0 | 10.00 | 140.00 | 10.00 | 68.2 |
| 2T346-0400-TE0600 | ○ | ● | ○ | 4.00 | 2.0 | 6 | 10.0 | 10.00 | 100.00 | 6.00 | 21.0 |
| 2T346-0400-TE0800 | ○ | ● | ○ | 4.00 | 2.0 | 6 | 10.0 | 10.00 | 120.00 | 8.00 | 40.1 |
| 2T346-0400-TE1000 | ○ | ● | ○ | 4.00 | 2.0 | 6 | 10.0 | 10.00 | 140.00 | 10.00 | 59.2 |
| 2T346-0400-TE1200 | ○ | ● | ○ | 4.00 | 2.0 | 6 | 12.0 | 12.00 | 155.00 | 12.00 | 78.3 |
| 2T346-0500-TE0800 | ○ | ● | ○ | 5.00 | 2.5 | 6 | 12.5 | 12.50 | 120.00 | 8.00 | 31.1 |
| 2T346-0500-TE1000 | ○ | ● | ○ | 5.00 | 2.5 | 6 | 12.5 | 12.50 | 140.00 | 10.00 | 50.1 |
| 2T346-0500-TE1200 | ○ | ● | ○ | 5.00 | 2.5 | 6 | 12.5 | 12.50 | 155.00 | 12.00 | 69.2 |
| 2T346-0600-TE1000 | ○ | ● | ○ | 6.00 | 3.0 | 6 | 15.0 | 15.00 | 140.00 | 10.00 | 41.1 |
| 2T346-0600-TE1200 | ○ | ● | ○ | 6.00 | 3.0 | 6 | 15.0 | 15.00 | 155.00 | 12.00 | 60.2 |
| 2T346-0800-TE1200 | ○ | ● | ○ | 8.00 | 4.0 | 6 | 20.0 | 20.00 | 155.00 | 12.00 | 42.1 |
| 2T346-1000-TE1200 | ○ | ● | ○ | 10.00 | 5.0 | 6 | 22.0 | 22.00 | 155.00 | 12.00 | 24.0 |

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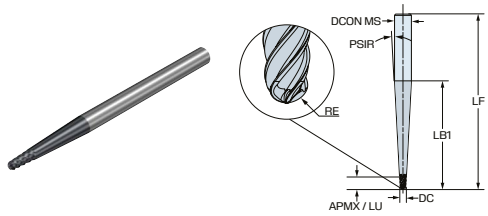


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| 2T345-0318-TE0635 | ○ | ● | ○ | 0.125 | 0.063 | 5 | 0.313 | 0.313 | 4.000 | 0.250 | 1.253 |
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| 2T346-0476-TE0953 | ○ | ● | ○ | 0.188 | 0.094 | 6 | 0.469 | 0.469 | 5.500 | 0.375 | 1.880 |
| 2T346-0476-TE1270 | ○ | ● | ○ | 0.188 | 0.094 | 6 | 0.500 | 0.500 | 6.000 | 0.500 | 3.073 |
| 2T346-0635-TE0953 | ○ | ● | ○ | 0.250 | 0.125 | 6 | 0.625 | 0.625 | 5.500 | 0.375 | 1.314 |
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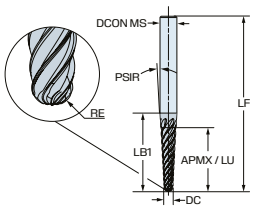


Common data values

| FHA [deg] | TCDCON | TCDC | PSIR [deg] |
|---|---|---|---|
| 42.00 | h6 | h10 | 3.00 |

Metric (mm)

| | P | S | M | | | | | | | | |
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| **Ordering code** | **T2CH** | **T2CH** | **T2CH** | **DC [mm]** | **RE [mm]** | **ZEFP** | **APMX [mm]** | **LU [mm]** | **LF [mm]** | **$DCON_{MS}$ [mm]** | **$LB_1$ [mm]** |
| 2T385-0300-TA0600 | ○ | ● | ○ | 3.00 | 1.5 | 5 | 18.0 | 18.00 | 70.00 | 6.00 | 30.1 |
| 2T385-0300-TA0800 | ○ | ● | ○ | 3.00 | 1.5 | 5 | 24.0 | 24.00 | 90.00 | 8.00 | 49.2 |
| 2T385-0300-TA1000 | ○ | ● | ○ | 3.00 | 1.5 | 5 | 30.0 | 30.00 | 110.00 | 10.00 | 68.2 |
| 2T386-0400-TA0600 | ○ | ● | ○ | 4.00 | 2.0 | 6 | 18.0 | 18.00 | 70.00 | 6.00 | 21.0 |
| 2T386-0400-TA0800 | ○ | ● | ○ | 4.00 | 2.0 | 6 | 24.0 | 24.00 | 90.00 | 8.00 | 40.1 |
| 2T386-0400-TA1000 | ○ | ● | ○ | 4.00 | 2.0 | 6 | 30.0 | 30.00 | 110.00 | 10.00 | 59.2 |
| 2T386-0400-TA1200 | ○ | ● | ○ | 4.00 | 2.0 | 6 | 36.0 | 36.00 | 125.00 | 12.00 | 78.3 |
| 2T386-0500-TA0800 | ○ | ● | ○ | 5.00 | 2.5 | 6 | 30.0 | 30.00 | 90.00 | 8.00 | 31.1 |
| 2T386-0500-TA1000 | ○ | ● | ○ | 5.00 | 2.5 | 6 | 40.0 | 40.00 | 110.00 | 10.00 | 50.1 |
| 2T386-0500-TA1200 | ○ | ● | ○ | 5.00 | 2.5 | 6 | 48.0 | 48.00 | 125.00 | 12.00 | 69.2 |
| 2T386-0600-TA1000 | ○ | ● | ○ | 6.00 | 3.0 | 6 | 40.0 | 40.00 | 110.00 | 10.00 | 41.1 |
| 2T386-0600-TA1200 | ○ | ● | ○ | 6.00 | 3.0 | 6 | 48.0 | 48.00 | 125.00 | 12.00 | 60.2 |
| 2T386-0800-TA1200 | ○ | ● | ○ | 8.00 | 4.0 | 6 | 42.0 | 42.00 | 125.00 | 12.00 | 42.1 |

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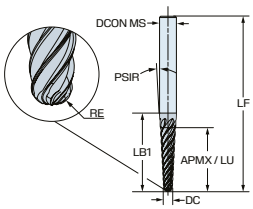
Optimised for titanium




Common data values

| FHA [deg] | TCDCON | TCDC | PSIR [deg] |
|---|---|---|---|
| 42.000 | h6 | h10 | 3.000 |

Imperial (inch)

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| 2T385-0318-TA0635 | ○ | ● | ○ | 0.125 | 0.063 | 5 | 0.750 | 0.750 | 3.000 | 0.250 | 1.253 |
| 2T385-0318-TA0953 | ○ | ● | ○ | 0.125 | 0.063 | 5 | 1.125 | 1.125 | 4.250 | 0.375 | 2.446 |
| 2T386-0476-TA0953 | ○ | ● | ○ | 0.188 | 0.094 | 6 | 1.500 | 1.500 | 4.250 | 0.375 | 1.880 |
| 2T386-0476-TA1270 | ○ | ● | ○ | 0.188 | 0.094 | 6 | 2.000 | 2.000 | 5.000 | 0.500 | 3.073 |
| 2T386-0635-TA0953 | ○ | ● | ○ | 0.250 | 0.125 | 6 | 1.250 | 1.250 | 4.250 | 0.375 | 1.314 |
| 2T386-0635-TA1270 | ○ | ● | ○ | 0.250 | 0.125 | 6 | 2.000 | 2.000 | 5.000 | 0.500 | 2.507 |
| 2T386-0794-TA1270 | ○ | ● | ○ | 0.313 | 0.156 | 6 | 1.875 | 1.875 | 5.000 | 0.500 | 1.941 |

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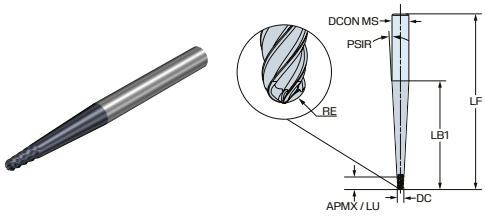
# CoroMill® Plura conical ball nose, solid carbide end mill for profiling

Optimised for heat resistant super alloys (HSRA)




Common data values

| FHA [deg] | TCDCON | TCDC | PSIR [deg] |
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Metric (mm)

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| 2T345-0300-RA0600 | ● | ○ | ○ | 3.00 | 1.5 | 5 | 7.5 | 7.50 | 70.00 | 6.00 | 30.1 |
| 2T345-0300-RA0800 | ● | ○ | ○ | 3.00 | 1.5 | 5 | 8.0 | 8.00 | 90.00 | 8.00 | 49.2 |
| 2T345-0300-RA1000 | ● | ○ | ○ | 3.00 | 1.5 | 5 | 10.0 | 10.00 | 110.00 | 10.00 | 68.2 |
| 2T346-0400-RA0600 | ● | ○ | ○ | 4.00 | 2.0 | 6 | 10.0 | 10.00 | 70.00 | 6.00 | 21.0 |
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| 2T346-0400-RA1200 | ● | ○ | ○ | 4.00 | 2.0 | 6 | 12.0 | 12.00 | 125.00 | 12.00 | 78.3 |
| 2T346-0500-RA0800 | ● | ○ | ○ | 5.00 | 2.5 | 6 | 12.5 | 12.50 | 90.00 | 8.00 | 31.1 |
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| 2T346-0500-RA1200 | ● | ○ | ○ | 5.00 | 2.5 | 6 | 12.5 | 12.50 | 125.00 | 12.00 | 69.2 |
| 2T346-0600-RA1000 | ● | ○ | ○ | 6.00 | 3.0 | 6 | 15.0 | 15.00 | 110.00 | 10.00 | 41.1 |
| 2T346-0600-RA1200 | ● | ○ | ○ | 6.00 | 3.0 | 6 | 15.0 | 15.00 | 125.00 | 12.00 | 60.2 |
| 2T346-0800-RA1200 | ● | ○ | ○ | 8.00 | 4.0 | 6 | 20.0 | 20.00 | 125.00 | 12.00 | 42.1 |
| 2T346-1000-RA1200 | ● | ○ | ○ | 10.00 | 5.0 | 6 | 22.0 | 22.00 | 125.00 | 12.00 | 24.0 |

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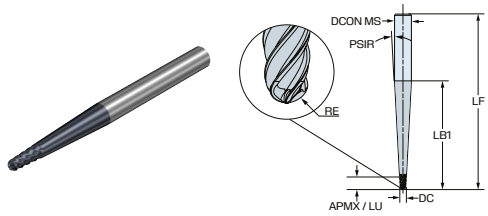
Optimised for heat resistant super alloys (HSRA)

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| 2T346-0476-RA0953 | ● | ○ | ○ | 0.188 | 0.094 | 6 | 0.469 | 0.469 | 4.250 | 0.375 | 1.880 |
| 2T346-0476-RA1270 | ● | ○ | ○ | 0.188 | 0.094 | 6 | 0.500 | 0.500 | 5.000 | 0.500 | 3.073 |
| 2T346-0635-RA0953 | ● | ○ | ○ | 0.250 | 0.125 | 6 | 0.625 | 0.625 | 4.250 | 0.375 | 1.314 |
| 2T346-0635-RA1270 | ● | ○ | ○ | 0.250 | 0.125 | 6 | 0.625 | 0.625 | 5.000 | 0.500 | 2.507 |
| 2T346-0794-RA1270 | ● | ○ | ○ | 0.313 | 0.156 | 6 | 0.781 | 0.781 | 5.000 | 0.500 | 1.941 |

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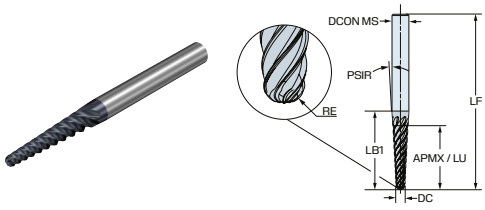


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| 2T386-0600-RA1200 | ● | ○ | ○ | 6.00 | 3.0 | 6 | 48.0 | 48.00 | 125.00 | 12.00 | 60.2 |
| 2T386-0800-RA1200 | ● | ○ | ○ | 8.00 | 4.0 | 6 | 42.0 | 42.00 | 125.00 | 12.00 | 42.1 |

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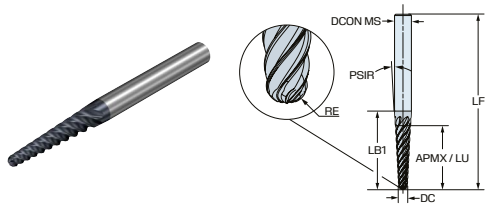


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| 2T386-0635-RA0953 | ● | ○ | ○ | 0.250 | 0.125 | 6 | 1.250 | 1.250 | 4.250 | 0.375 | 1.314 |
| 2T386-0635-RA1270 | ● | ○ | ○ | 0.250 | 0.125 | 6 | 2.000 | 2.000 | 5.000 | 0.500 | 2.507 |
| 2T386-0794-RA1270 | ● | ○ | ○ | 0.313 | 0.156 | 6 | 1.875 | 1.875 | 5.000 | 0.500 | 1.941 |

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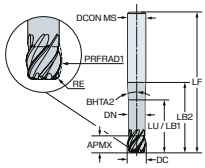
# CoroMill® Plura barrel, solid carbide end mill for profiling

Optimised for titanium




Common data values

| ZEFP | FHA [deg] | TCDCON |
|---|---|---|
| 6 | 42.00 | h6 |

Metric (mm)

| | P | S | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **T2CH** | **T2CH** | **T2CH** | **DC [mm]** | **$RE_2$ [mm]** | **APMX [mm]** | **LU [mm]** | **LF [mm]** | **$DCON_{MS}$ [mm]** | **PRFRAD [mm]** | **DN [mm]** | **$LB_1$ [mm]** | **$LB_2$ [mm]** |
| 2A146-0600A012-TCMH | ○ | ● | ○ | 6.00 | 1.0 | 5.7 | 18.00 | 90.00 | 10.00 | 12.00 | 5.4 | 18.0 | 50.0 |
| 2A146-0600A030-TCMH | ○ | ● | ○ | 6.00 | 1.0 | 9.0 | 18.00 | 90.00 | 10.00 | 30.00 | 5.4 | 18.0 | 50.0 |
| 2A146-0800A016-TCMH | ○ | ● | ○ | 8.00 | 1.0 | 7.6 | 24.00 | 100.00 | 10.00 | 16.00 | 7.2 | 24.0 | 60.0 |
| 2A146-0800A040-TCMH | ○ | ● | ○ | 8.00 | 1.0 | 12.0 | 24.00 | 100.00 | 10.00 | 40.00 | 7.2 | 24.0 | 60.0 |
| 2A146-1000A020-TCMI | ○ | ● | ○ | 10.00 | 2.0 | 9.4 | 30.00 | 110.00 | 12.00 | 20.00 | 9.0 | 30.0 | 65.0 |
| 2A146-1000A050-TCMI | ○ | ● | ○ | 10.00 | 2.0 | 15.1 | 30.00 | 110.00 | 12.00 | 50.00 | 9.0 | 30.0 | 65.0 |
| 2A146-1200A024-TCMK | ○ | ● | ○ | 12.00 | 3.0 | 11.3 | 36.00 | 120.00 | 16.00 | 24.00 | 10.8 | 36.0 | 72.0 |
| 2A146-1200A060-TCMK | ○ | ● | ○ | 12.00 | 3.0 | 18.1 | 36.00 | 120.00 | 16.00 | 60.00 | 10.8 | 36.0 | 72.0 |

● = First choice ○ = Good choice

Common data values

| ZEFP | FHA [deg] | TCDCON |
|---|---|---|
| 6 | 42.000 | h6 |

Imperial (inch)

| | P | S | M | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **T2CH** | **T2CH** | **T2CH** | **DC [inch]** | **$RE_2$ [inch]** | **APMX [inch]** | **LU [inch]** | **LF [inch]** | **$DCON_{MS}$ [inch]** | **PRFRAD [inch]** | **DN [inch]** | **$LB_1$ [inch]** | **$LB_2$ [inch]** |
| 2A146-0635A013-TCIE | ○ | ● | ○ | 0.250 | 0.040 | 0.236 | 0.750 | 3.750 | 0.375 | 0.500 | 0.225 | 0.750 | 2.187 |
| 2A146-0635A032-TCIE | ○ | ● | ○ | 0.250 | 0.040 | 0.376 | 0.750 | 3.750 | 0.375 | 1.250 | 0.225 | 0.750 | 2.187 |
| 2A146-0953A019-TCIG | ○ | ● | ○ | 0.375 | 0.080 | 0.354 | 1.125 | 4.250 | 0.500 | 0.750 | 0.338 | 1.125 | 2.467 |
| 2A146-0953A048-TCIG | ○ | ● | ○ | 0.375 | 0.080 | 0.564 | 1.125 | 4.250 | 0.500 | 1.875 | 0.338 | 1.125 | 2.467 |
| 2A146-1270A025-TCII | ○ | ● | ○ | 0.500 | 0.120 | 0.472 | 1.500 | 5.000 | 0.625 | 1.000 | 0.450 | 1.500 | 3.094 |
| 2A146-1270A064-TCII | ○ | ● | ○ | 0.500 | 0.120 | 0.753 | 1.500 | 5.000 | 0.625 | 2.500 | 0.450 | 1.500 | 3.094 |

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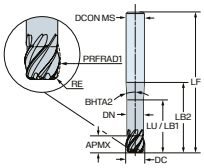
# CoroMill® Plura barrel, solid carbide end mill for profiling

Optimised for titanium




Common data values

| ZEFP | FHA [deg] | TCDCON |
|---|---|---|
| 6 | 42.00 | h6 |

Metric (mm)

| | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ordering code | T2CH | T2CH | T2CH | DC [mm] | $RE_2$ [mm] | APMX [mm] | LU [mm] | LF [mm] | $DCON_{MS}$ [mm] | PRFRAD [mm] | DN [mm] | $LB_1$ [mm] | $LB_2$ [mm] |
| 2A146-0600A012-TCMD | ○ | ● | ○ | 6.00 | 1.0 | 5.7 | 18.00 | 60.00 | 6.00 | 12.00 | 5.4 | 18.0 | 24.0 |
| 2A146-0600A030-TCMD | ○ | ● | ○ | 6.00 | 1.0 | 9.0 | 18.00 | 60.00 | 6.00 | 30.00 | 5.4 | 18.0 | 24.0 |
| 2A146-0800A016-TCMF | ○ | ● | ○ | 8.00 | 1.0 | 7.6 | 24.00 | 70.00 | 8.00 | 16.00 | 7.2 | 24.0 | 34.0 |
| 2A146-0800A040-TCMF | ○ | ● | ○ | 8.00 | 1.0 | 12.0 | 24.00 | 70.00 | 8.00 | 40.00 | 7.2 | 24.0 | 34.0 |
| 2A146-1000A020-TCMH | ○ | ● | ○ | 10.00 | 2.0 | 9.4 | 30.00 | 80.00 | 10.00 | 20.00 | 9.0 | 30.0 | 40.0 |
| 2A146-1000A050-TCMH | ○ | ● | ○ | 10.00 | 2.0 | 15.1 | 30.00 | 80.00 | 10.00 | 50.00 | 9.0 | 30.0 | 40.0 |
| 2A146-1200A024-TCMI | ○ | ● | ○ | 12.00 | 3.0 | 11.3 | 36.00 | 90.00 | 12.00 | 24.00 | 10.8 | 36.0 | 45.0 |
| 2A146-1200A060-TCMI | ○ | ● | ○ | 12.00 | 3.0 | 18.1 | 36.00 | 90.00 | 12.00 | 60.00 | 10.8 | 36.0 | 45.0 |

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Common data values

| ZEFP | FHA [deg] | TCDCON |
|---|---|---|
| 6 | 42.000 | h6 |

Imperial (inch)

| | P | S | M | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Ordering code | T2CH | T2CH | T2CH | DC [inch] | $RE_2$ [inch] | APMX [inch] | LU [inch] | LF [inch] | $DCON_{MS}$ [inch] | PRFRAD [inch] | DN [inch] | $LB_1$ [inch] | $LB_2$ [inch] |
| 2A146-0635A013-TCIC | ○ | ● | ○ | 0.250 | 0.040 | 0.236 | 0.750 | 2.500 | 0.250 | 0.500 | 0.225 | 0.750 | 1.083 |
| 2A146-0635A032-TCIC | ○ | ● | ○ | 0.250 | 0.040 | 0.376 | 0.750 | 2.500 | 0.250 | 1.250 | 0.225 | 0.750 | 1.083 |
| 2A146-0953A019-TCIE | ○ | ● | ○ | 0.375 | 0.080 | 0.354 | 1.125 | 3.000 | 0.375 | 0.750 | 0.338 | 1.125 | 1.437 |
| 2A146-0953A048-TCIE | ○ | ● | ○ | 0.375 | 0.080 | 0.564 | 1.125 | 3.000 | 0.375 | 1.875 | 0.338 | 1.125 | 1.437 |
| 2A146-1270A025-TCIG | ○ | ● | ○ | 0.500 | 0.120 | 0.472 | 1.500 | 3.750 | 0.500 | 1.000 | 0.450 | 1.500 | 1.967 |
| 2A146-1270A064-TCIG | ○ | ● | ○ | 0.500 | 0.120 | 0.753 | 1.500 | 3.750 | 0.500 | 2.500 | 0.450 | 1.500 | 1.967 |

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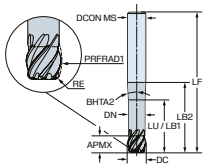
# CoroMill® Plura barrel, solid carbide end mill for profiling

Optimised for heat resistant super alloys (HSRA)




Common data values

| ZEFP | TCDCON |
|---|---|
| 6 | h6 |

Metric (mm)

| | S | H | K | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **R2AH** | **R2AH** | **R2AH** | **DC [mm]** | **$RE_2$ [mm]** | **APMX [mm]** | **LU [mm]** | **LF [mm]** | **$DCON_{MS}$ [mm]** | **PRFRAD [mm]** | **DN [mm]** | **$LB_1$ [mm]** | **$LB_2$ [mm]** | **FHA [deg]** |
| 2A146-0600A012-RCMH | ● | ○ | ○ | 6.00 | 1.0 | 5.7 | 18.00 | 90.00 | 10.00 | 12.00 | 5.4 | 18.0 | 50.0 | 38.00 |
| 2A146-0600A030-RCMH | ● | ○ | ○ | 6.00 | 1.0 | 9.0 | 18.00 | 90.00 | 10.00 | 30.00 | 5.4 | 18.0 | 50.0 | 42.00 |
| 2A146-0800A016-RCMH | ● | ○ | ○ | 8.00 | 1.0 | 7.6 | 24.00 | 100.00 | 10.00 | 16.00 | 7.2 | 24.0 | 60.0 | 38.00 |
| 2A146-0800A040-RCMH | ● | ○ | ○ | 8.00 | 1.0 | 12.0 | 24.00 | 100.00 | 10.00 | 40.00 | 7.2 | 24.0 | 60.0 | 42.00 |
| 2A146-1000A020-RCMI | ● | ○ | ○ | 10.00 | 2.0 | 9.4 | 30.00 | 110.00 | 12.00 | 20.00 | 9.0 | 30.0 | 65.0 | 38.00 |
| 2A146-1000A050-RCMI | ● | ○ | ○ | 10.00 | 2.0 | 15.1 | 30.00 | 110.00 | 12.00 | 50.00 | 9.0 | 30.0 | 65.0 | 42.00 |
| 2A146-1200A024-RCMK | ● | ○ | ○ | 12.00 | 3.0 | 11.3 | 36.00 | 120.00 | 16.00 | 24.00 | 10.8 | 36.0 | 72.0 | 38.00 |
| 2A146-1200A060-RCMK | ● | ○ | ○ | 12.00 | 3.0 | 18.1 | 36.00 | 120.00 | 16.00 | 60.00 | 10.8 | 36.0 | 72.0 | 42.00 |

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Common data values

| ZEFP | TCDCON |
|---|---|
| 6 | h6 |

Imperial (inch)

| | S | H | K | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **R2AH** | **R2AH** | **R2AH** | **DC [inch]** | **$RE_2$ [inch]** | **APMX [inch]** | **LU [inch]** | **LF [inch]** | **$DCON_{MS}$ [inch]** | **PRFRAD [inch]** | **DN [inch]** | **$LB_1$ [inch]** | **$LB_2$ [inch]** | **FHA [deg]** |
| 2A146-0635A013-RCIE | ● | ○ | ○ | 0.250 | 0.040 | 0.236 | 0.750 | 3.750 | 0.375 | 0.500 | 0.225 | 0.750 | 2.187 | 38.000 |
| 2A146-0635A032-RCIE | ● | ○ | ○ | 0.250 | 0.040 | 0.376 | 0.750 | 3.750 | 0.375 | 1.250 | 0.225 | 0.750 | 2.187 | 42.000 |
| 2A146-0953A019-RCIG | ● | ○ | ○ | 0.375 | 0.080 | 0.354 | 1.125 | 4.250 | 0.500 | 0.750 | 0.338 | 1.125 | 2.467 | 38.000 |
| 2A146-0953A048-RCIG | ● | ○ | ○ | 0.375 | 0.080 | 0.564 | 1.125 | 4.250 | 0.500 | 1.875 | 0.338 | 1.125 | 2.467 | 42.000 |
| 2A146-1270A025-RCII | ● | ○ | ○ | 0.500 | 0.120 | 0.472 | 1.500 | 5.000 | 0.625 | 1.000 | 0.450 | 1.500 | 3.094 | 38.000 |
| 2A146-1270A064-RCII | ● | ○ | ○ | 0.500 | 0.120 | 0.753 | 1.500 | 5.000 | 0.625 | 2.500 | 0.450 | 1.500 | 3.094 | 42.000 |

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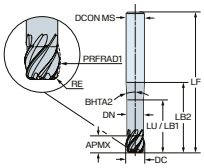
# CoroMill® Plura barrel, solid carbide end mill for profiling

Optimised for heat resistant super alloys (HSRA)




Common data values

| ZEFP | TCDCON |
|---|---|
| 6 | h6 |

Metric (mm)

| | S | H | K | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **R2AH** | **R2AH** | **R2AH** | **DC [mm]** | **$RE_2$ [mm]** | **APMX [mm]** | **LU [mm]** | **LF [mm]** | **$DCON_{MS}$ [mm]** | **PRFRAD [mm]** | **DN [mm]** | **$LB_1$ [mm]** | **$LB_2$ [mm]** | **FHA [deg]** |
| 2A146-0600A012-RCMD | ● | ○ | ○ | 6.00 | 1.0 | 5.7 | 18.00 | 60.00 | 6.00 | 12.00 | 5.4 | 18.0 | 24.0 | 38.00 |
| 2A146-0600A030-RCMD | ● | ○ | ○ | 6.00 | 1.0 | 9.0 | 18.00 | 60.00 | 6.00 | 30.00 | 5.4 | 18.0 | 24.0 | 42.00 |
| 2A146-0800A016-RCMF | ● | ○ | ○ | 8.00 | 1.0 | 7.6 | 24.00 | 70.00 | 8.00 | 16.00 | 7.2 | 24.0 | 34.0 | 38.00 |
| 2A146-0800A040-RCMF | ● | ○ | ○ | 8.00 | 1.0 | 12.0 | 24.00 | 70.00 | 8.00 | 40.00 | 7.2 | 24.0 | 34.0 | 42.00 |
| 2A146-1000A020-RCMH | ● | ○ | ○ | 10.00 | 2.0 | 9.4 | 30.00 | 80.00 | 10.00 | 20.00 | 9.0 | 30.0 | 40.0 | 38.00 |
| 2A146-1000A050-RCMH | ● | ○ | ○ | 10.00 | 2.0 | 15.1 | 30.00 | 80.00 | 10.00 | 50.00 | 9.0 | 30.0 | 40.0 | 42.00 |
| 2A146-1200A024-RCMI | ● | ○ | ○ | 12.00 | 3.0 | 11.3 | 36.00 | 90.00 | 12.00 | 24.00 | 10.8 | 36.0 | 45.0 | 38.00 |
| 2A146-1200A060-RCMI | ● | ○ | ○ | 12.00 | 3.0 | 18.1 | 36.00 | 90.00 | 12.00 | 60.00 | 10.8 | 36.0 | 45.0 | 42.00 |

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Common data values

| ZEFP | TCDCON |
|---|---|
| 6 | h6 |

Imperial (inch)

| | S | H | K | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **R2AH** | **R2AH** | **R2AH** | **DC [inch]** | **$RE_2$ [inch]** | **APMX [inch]** | **LU [inch]** | **LF [inch]** | **$DCON_{MS}$ [inch]** | **PRFRAD [inch]** | **DN [inch]** | **$LB_1$ [inch]** | **$LB_2$ [inch]** | **FHA [deg]** |
| 2A146-0635A013-RCIC | ● | ○ | ○ | 0.250 | 0.040 | 0.236 | 0.750 | 2.500 | 0.250 | 0.500 | 0.225 | 0.750 | 1.083 | 38.000 |
| 2A146-0635A032-RCIC | ● | ○ | ○ | 0.250 | 0.040 | 0.376 | 0.750 | 2.500 | 0.250 | 1.250 | 0.225 | 0.750 | 1.083 | 42.000 |
| 2A146-0953A019-RCIE | ● | ○ | ○ | 0.375 | 0.080 | 0.354 | 1.125 | 3.000 | 0.375 | 0.750 | 0.338 | 1.125 | 1.437 | 38.000 |
| 2A146-0953A048-RCIE | ● | ○ | ○ | 0.375 | 0.080 | 0.564 | 1.125 | 3.000 | 0.375 | 1.875 | 0.338 | 1.125 | 1.437 | 42.000 |
| 2A146-1270A025-RCIG | ● | ○ | ○ | 0.500 | 0.120 | 0.472 | 1.500 | 3.750 | 0.500 | 1.000 | 0.450 | 1.500 | 1.967 | 38.000 |
| 2A146-1270A064-RCIG | ● | ○ | ○ | 0.500 | 0.120 | 0.753 | 1.500 | 3.750 | 0.500 | 2.500 | 0.450 | 1.500 | 1.967 | 42.000 |

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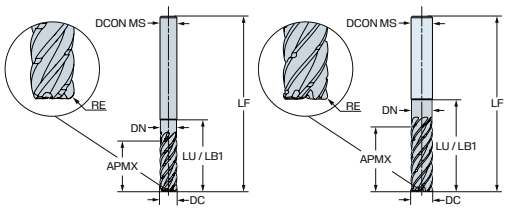
# CoroMill® Plura solid carbide end mill for high feed side milling

Optimised for titanium




Common data values

| FHA [deg] | TCDCON | TCDC |
|---|---|---|
| 42.00 | h6 | h10 |

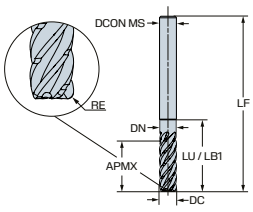
Metric (mm)

| | Ordering code | S 1745 | M 1745 | DC [mm] | RE [mm] | ZEFP | APMX [mm] | LU [mm] | LF [mm] | $DCON_{MS}$ [mm] | DN [mm] | $BD_1$ [mm] | $LB_1$ [mm] | $LB_2$ [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | 2F365-0600-050-TD | ● | ● | 6.00 | 0.5 | 5 | 19.0 | 27.00 | 66.00 | 6.00 | 5.7 | 5.7 | 27.0 | 27.3 |
| NEW | 2F365-0600-100-TD | ● | ● | 6.00 | 1.0 | 5 | 19.0 | 27.00 | 66.00 | 6.00 | 5.7 | 5.7 | 27.0 | 27.3 |
| NEW | 2F365-0800-050-TD | ● | ● | 8.00 | 0.5 | 5 | 26.0 | 36.00 | 73.00 | 8.00 | 7.6 | 7.6 | 36.0 | 36.3 |
| NEW | 2F365-0800-100-TD | ● | ● | 8.00 | 1.0 | 5 | 26.0 | 36.00 | 73.00 | 8.00 | 7.6 | 7.6 | 36.0 | 36.3 |
| NEW | 2F365-0800-200-TD | ● | ● | 8.00 | 2.0 | 5 | 26.0 | 36.00 | 73.00 | 8.00 | 7.6 | 7.6 | 36.0 | 36.3 |
| NEW | 2F366-1000-050-TD | ● | ● | 10.00 | 0.5 | 6 | 32.0 | 45.00 | 87.00 | 10.00 | 9.5 | 9.5 | 45.0 | 45.4 |
| NEW | 2F366-1000-100-TD | ● | ● | 10.00 | 1.0 | 6 | 32.0 | 45.00 | 87.00 | 10.00 | 9.5 | 9.5 | 45.0 | 45.4 |
| NEW | 2F366-1000-200-TD | ● | ● | 10.00 | 2.0 | 6 | 32.0 | 45.00 | 87.00 | 10.00 | 9.5 | 9.5 | 45.0 | 45.4 |
| NEW | 2F366-1200-050-TD | ● | ● | 12.00 | 0.5 | 6 | 38.0 | 54.00 | 103.00 | 12.00 | 11.4 | 11.4 | 54.0 | 54.5 |
| NEW | 2F366-1200-100-TD | ● | ● | 12.00 | 1.0 | 6 | 38.0 | 54.00 | 103.00 | 12.00 | 11.4 | 11.4 | 54.0 | 54.5 |
| NEW | 2F366-1200-200-TD | ● | ● | 12.00 | 2.0 | 6 | 38.0 | 54.00 | 103.00 | 12.00 | 11.4 | 11.4 | 54.0 | 54.5 |
| NEW | 2F366-1200-250-TD | ● | ● | 12.00 | 2.5 | 6 | 38.0 | 54.00 | 103.00 | 12.00 | 11.4 | 11.4 | 54.0 | 54.5 |
| NEW | 2F366-1200-300-TD | ● | ● | 12.00 | 3.0 | 6 | 38.0 | 54.00 | 103.00 | 12.00 | 11.4 | 11.4 | 54.0 | 54.5 |
| NEW | 2F366-1600-050-TD | ● | ● | 16.00 | 0.5 | 6 | 50.0 | 72.00 | 124.00 | 16.00 | 15.2 | 15.2 | 72.0 | 72.7 |
| NEW | 2F366-1600-100-TD | ● | ● | 16.00 | 1.0 | 6 | 50.0 | 72.00 | 124.00 | 16.00 | 15.2 | 15.2 | 72.0 | 72.7 |
| NEW | 2F366-1600-200-TD | ● | ● | 16.00 | 2.0 | 6 | 50.0 | 72.00 | 124.00 | 16.00 | 15.2 | 15.2 | 72.0 | 72.7 |
| NEW | 2F366-1600-250-TD | ● | ● | 16.00 | 2.5 | 6 | 50.0 | 72.00 | 124.00 | 16.00 | 15.2 | 15.2 | 72.0 | 72.7 |
| NEW | 2F366-1600-300-TD | ● | ● | 16.00 | 3.0 | 6 | 50.0 | 72.00 | 124.00 | 16.00 | 15.2 | 15.2 | 72.0 | 72.7 |
| NEW | 2F366-1600-400-TD | ● | ● | 16.00 | 4.0 | 6 | 50.0 | 72.00 | 124.00 | 16.00 | 15.2 | 15.2 | 72.0 | 72.7 |
| NEW | 2F366-2000-050-TD | ● | ● | 20.00 | 0.5 | 6 | 62.0 | 90.00 | 142.00 | 20.00 | 19.0 | 19.0 | 90.0 | 90.9 |
| NEW | 2F366-2000-100-TD | ● | ● | 20.00 | 1.0 | 6 | 62.0 | 90.00 | 142.00 | 20.00 | 19.0 | 19.0 | 90.0 | 90.9 |
| NEW | 2F366-2000-200-TD | ● | ● | 20.00 | 2.0 | 6 | 62.0 | 90.00 | 142.00 | 20.00 | 19.0 | 19.0 | 90.0 | 90.9 |
| NEW | 2F366-2000-250-TD | ● | ● | 20.00 | 2.5 | 6 | 62.0 | 90.00 | 142.00 | 20.00 | 19.0 | 19.0 | 90.0 | 90.9 |
| NEW | 2F366-2000-300-TD | ● | ● | 20.00 | 3.0 | 6 | 62.0 | 90.00 | 142.00 | 20.00 | 19.0 | 19.0 | 90.0 | 90.9 |
| NEW | 2F366-2000-400-TD | ● | ● | 20.00 | 4.0 | 6 | 62.0 | 90.00 | 142.00 | 20.00 | 19.0 | 19.0 | 90.0 | 90.9 |
| NEW | 2F366-2500-050-TD | ● | ● | 25.00 | 0.5 | 6 | 77.0 | 112.00 | 170.00 | 25.00 | 23.8 | 23.8 | 112.0 | 113.1 |
| NEW | 2F366-2500-100-TD | ● | ● | 25.00 | 1.0 | 6 | 77.0 | 112.00 | 170.00 | 25.00 | 23.8 | 23.8 | 112.0 | 113.1 |
| NEW | 2F366-2500-200-TD | ● | ● | 25.00 | 2.0 | 6 | 77.0 | 112.00 | 170.00 | 25.00 | 23.8 | 23.8 | 112.0 | 113.1 |
| NEW | 2F366-2500-250-TD | ● | ● | 25.00 | 2.5 | 6 | 77.0 | 112.00 | 170.00 | 25.00 | 23.8 | 23.8 | 112.0 | 113.1 |
| NEW | 2F366-2500-300-TD | ● | ● | 25.00 | 3.0 | 6 | 77.0 | 112.00 | 170.00 | 25.00 | 23.8 | 23.8 | 112.0 | 113.1 |

● = First choice ○ = Good choice

# CoroMill® Plura solid carbide end mill for high feed side milling

Optimised for titanium




Common data values

| FHA [deg] | TCDCON | TCDC |
|---|---|---|
| 42.00 | h6 | h10 |

Metric (mm)

| | Ordering code | S 1745 | M 1745 | DC [mm] | RE [mm] | ZEFP | APMX [mm] | LU [mm] | LF [mm] | $DCON_{MS}$ [mm] | DN [mm] | $BD_1$ [mm] | $LB_1$ [mm] | $LB_2$ [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | 2F366-2500-400-TD | ● | ● | 25.00 | 4.0 | 6 | 77.0 | 112.00 | 170.00 | 25.00 | 23.8 | 23.8 | 112.0 | 113.1 |

● = First choice ○ = Good choice

Common data values

| FHA [deg] | TCDCON | TCDC |
|---|---|---|
| 42.000 | h6 | h10 |

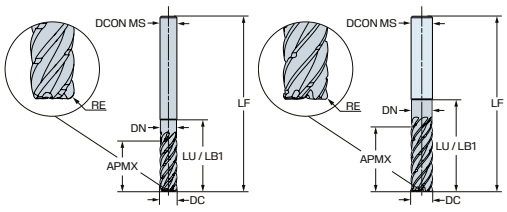
Imperial (inch)

| | Ordering code | S 1745 | M 1745 | DC [inch] | RE [inch] | ZEFP | APMX [inch] | LU [inch] | LF [inch] | $DCON_{MS}$ [inch] | DN [inch] | $BD_1$ [inch] | $LB_1$ [inch] | $LB_2$ [inch] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | 2F365-0635-038-TD | ● | ● | 0.250 | 0.015 | 5 | 0.829 | 0.994 | 2.500 | 0.250 | 0.237 | 0.237 | 0.994 | 1.006 |
| NEW | 2F365-0635-076-TD | ● | ● | 0.250 | 0.030 | 5 | 0.829 | 0.994 | 2.500 | 0.250 | 0.237 | 0.237 | 0.994 | 1.006 |
| NEW | 2F365-0635-152-TD | ● | ● | 0.250 | 0.060 | 5 | 0.829 | 0.994 | 2.500 | 0.250 | 0.237 | 0.237 | 0.994 | 1.006 |
| NEW | 2F366-0953-038-TD | ● | ● | 0.375 | 0.015 | 6 | 1.204 | 1.445 | 3.000 | 0.375 | 0.356 | 0.356 | 1.445 | 1.462 |
| NEW | 2F366-0953-076-TD | ● | ● | 0.375 | 0.030 | 6 | 1.204 | 1.445 | 3.000 | 0.375 | 0.356 | 0.356 | 1.445 | 1.462 |
| NEW | 2F366-0953-152-TD | ● | ● | 0.375 | 0.060 | 6 | 1.204 | 1.445 | 3.000 | 0.375 | 0.356 | 0.356 | 1.445 | 1.462 |
| NEW | 2F366-0953-229-TD | ● | ● | 0.375 | 0.090 | 6 | 1.204 | 1.445 | 3.000 | 0.375 | 0.356 | 0.356 | 1.445 | 1.462 |
| NEW | 2F366-1270-076-TD | ● | ● | 0.500 | 0.030 | 6 | 1.579 | 1.894 | 4.000 | 0.500 | 0.475 | 0.475 | 1.894 | 1.916 |
| NEW | 2F366-1270-152-TD | ● | ● | 0.500 | 0.060 | 6 | 1.579 | 1.894 | 4.000 | 0.500 | 0.475 | 0.475 | 1.894 | 1.916 |
| NEW | 2F366-1270-229-TD | ● | ● | 0.500 | 0.090 | 6 | 1.579 | 1.894 | 4.000 | 0.500 | 0.475 | 0.594 | 1.894 | 1.813 |
| NEW | 2F366-1588-076-TD | ● | ● | 0.625 | 0.030 | 6 | 1.954 | 2.345 | 4.500 | 0.625 | 0.594 | 0.594 | 2.345 | 2.372 |
| NEW | 2F366-1588-152-TD | ● | ● | 0.625 | 0.060 | 6 | 1.954 | 2.345 | 4.500 | 0.625 | 0.594 | 0.594 | 2.345 | 2.372 |
| NEW | 2F366-1588-229-TD | ● | ● | 0.625 | 0.090 | 6 | 1.954 | 2.345 | 4.500 | 0.625 | 0.594 | 0.594 | 2.345 | 2.372 |
| NEW | 2F366-1588-305-TD | ● | ● | 0.625 | 0.120 | 6 | 1.954 | 2.345 | 4.500 | 0.625 | 0.594 | 0.594 | 2.345 | 2.372 |
| NEW | 2F366-1588-483-TD | ● | ● | 0.625 | 0.190 | 6 | 1.954 | 2.345 | 4.500 | 0.625 | 0.594 | 0.594 | 2.345 | 2.372 |

● = First choice ○ = Good choice

# CoroMill® Plura solid carbide end mill for high feed side milling

Optimised for titanium




Common data values

| FHA [deg] | TCDCON | TCDC |
|---|---|---|
| 42.000 | h6 | h10 |

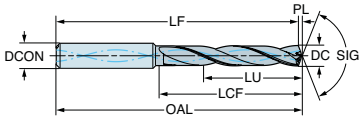
Imperial (inch)

| | Ordering code | S 1745 | M 1745 | DC [inch] | RE [inch] | ZEFP | APMX [inch] | LU [inch] | LF [inch] | $DCON_{MS}$ [inch] | DN [inch] | $BD_1$ [inch] | $LB_1$ [inch] | $LB_2$ [inch] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | 2F366-1905-076-TD | ● | ● | 0.750 | 0.030 | 6 | 2.329 | 2.794 | 5.000 | 0.750 | 0.713 | 0.713 | 2.794 | 2.827 |
| NEW | 2F366-1905-152-TD | ● | ● | 0.750 | 0.060 | 6 | 2.329 | 2.794 | 5.000 | 0.750 | 0.713 | 0.713 | 2.794 | 2.827 |
| NEW | 2F366-1905-229-TD | ● | ● | 0.750 | 0.090 | 6 | 2.329 | 2.794 | 5.000 | 0.750 | 0.713 | 0.713 | 2.794 | 2.827 |
| NEW | 2F366-1905-305-TD | ● | ● | 0.750 | 0.120 | 6 | 2.329 | 2.794 | 5.000 | 0.750 | 0.713 | 0.713 | 2.794 | 2.827 |
| NEW | 2F366-1905-483-TD | ● | ● | 0.750 | 0.190 | 6 | 2.329 | 2.794 | 5.000 | 0.750 | 0.713 | 0.713 | 2.794 | 2.832 |
| NEW | 2F366-2540-076-TD | ● | ● | 1.000 | 0.030 | 6 | 3.079 | 3.689 | 6.000 | 1.000 | 0.951 | 0.951 | 3.689 | 3.732 |
| NEW | 2F366-2540-152-TD | ● | ● | 1.000 | 0.060 | 6 | 3.079 | 3.689 | 6.000 | 1.000 | 0.951 | 0.951 | 3.689 | 3.732 |
| NEW | 2F366-2540-229-TD | ● | ● | 1.000 | 0.090 | 6 | 3.079 | 3.689 | 6.000 | 1.000 | 0.951 | 0.951 | 3.689 | 3.732 |
| NEW | 2F366-2540-305-TD | ● | ● | 1.000 | 0.120 | 6 | 3.079 | 3.689 | 6.000 | 1.000 | 0.951 | 0.951 | 3.689 | 3.732 |
| NEW | 2F366-2540-483-TD | ● | ● | 1.000 | 0.190 | 6 | 3.079 | 3.689 | 6.000 | 1.000 | 0.951 | 0.951 | 3.689 | 3.732 |
| NEW | 2F366-2540-635-TD | ● | ● | 1.000 | 0.250 | 6 | 3.079 | 3.689 | 6.000 | 1.000 | 0.951 | 0.951 | 3.689 | 3.732 |

● = First choice ○ = Good choice

# CoroDrill® 860-MM, solid carbide drill for ISO-M

Nominal drilling depth 3xD. Internal coolant supply



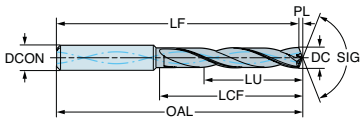

Metric (mm)

| | M | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **M2BM** | **DC [mm]** | **LU [mm]** | **LCF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **TCHA** | **LF [mm]** | **PL [mm]** | **ULDR** |
| 860.1-0300-014A1-MM | ● | 3.00 | 14.00 | 20.00 | 62.00 | 6.00 | 140.00 | h6 | H9 | 61.45 | 0.55 | 4.67 |
| 860.1-0310-014A1-MM | ● | 3.10 | 14.00 | 20.00 | 62.00 | 6.00 | 140.00 | h6 | H9 | 61.44 | 0.56 | 4.52 |
| 860.1-0318-014A1-MM | ● | 3.17 | 14.00 | 20.00 | 62.00 | 6.00 | 140.00 | h6 | H9 | 61.42 | 0.58 | 4.41 |
| 860.1-0320-014A1-MM | ● | 3.20 | 14.00 | 20.00 | 62.00 | 6.00 | 140.00 | h6 | H9 | 61.42 | 0.58 | 4.38 |
| 860.1-0325-014A1-MM | ● | 3.25 | 14.00 | 20.00 | 62.00 | 6.00 | 140.00 | h6 | H9 | 61.41 | 0.59 | 4.31 |
| 860.1-0330-014A1-MM | ● | 3.30 | 14.00 | 20.00 | 62.00 | 6.00 | 140.00 | h6 | H9 | 61.40 | 0.60 | 4.24 |
| 860.1-0340-014A1-MM | ● | 3.40 | 14.00 | 20.00 | 62.00 | 6.00 | 140.00 | h6 | H9 | 61.38 | 0.62 | 4.12 |
| 860.1-0350-014A1-MM | ● | 3.50 | 14.00 | 20.00 | 62.00 | 6.00 | 140.00 | h6 | H9 | 61.36 | 0.64 | 4.00 |
| 860.1-0357-014A1-MM | ● | 3.57 | 14.00 | 20.00 | 62.00 | 6.00 | 140.00 | h6 | H9 | 61.35 | 0.65 | 3.92 |
| 860.1-0360-014A1-MM | ● | 3.60 | 14.00 | 20.00 | 62.00 | 6.00 | 140.00 | h6 | H9 | 61.35 | 0.65 | 3.89 |
| 860.1-0370-014A1-MM | ● | 3.70 | 14.00 | 20.00 | 62.00 | 6.00 | 140.00 | h6 | H9 | 61.33 | 0.67 | 3.78 |
| 860.1-0380-017A1-MM | ● | 3.80 | 17.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.31 | 0.69 | 4.47 |
| 860.1-0390-017A1-MM | ● | 3.90 | 17.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.29 | 0.71 | 4.36 |
| 860.1-0397-017A1-MM | ● | 3.97 | 17.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.28 | 0.72 | 4.28 |
| 860.1-0400-017A1-MM | ● | 4.00 | 17.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.27 | 0.73 | 4.25 |
| 860.1-0410-017A1-MM | ● | 4.10 | 17.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.25 | 0.75 | 4.15 |
| 860.1-0420-017A1-MM | ● | 4.20 | 17.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.24 | 0.76 | 4.05 |
| 860.1-0430-017A1-MM | ● | 4.30 | 17.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.22 | 0.78 | 3.95 |
| 860.1-0437-017A1-MM | ● | 4.37 | 17.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.21 | 0.80 | 3.89 |
| 860.1-0440-017A1-MM | ● | 4.40 | 17.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.20 | 0.80 | 3.86 |
| 860.1-0450-017A1-MM | ● | 4.50 | 17.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.18 | 0.82 | 3.78 |
| 860.1-0460-017A1-MM | ● | 4.60 | 17.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.16 | 0.84 | 3.70 |
| 860.1-0465-017A1-MM | ● | 4.65 | 17.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.15 | 0.85 | 3.66 |
| 860.1-0470-017A1-MM | ● | 4.70 | 17.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.14 | 0.86 | 3.62 |
| 860.1-0476-020A1-MM | ● | 4.76 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.13 | 0.87 | 4.20 |
| 860.1-0480-020A1-MM | ● | 4.80 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.13 | 0.87 | 4.17 |
| 860.1-0490-020A1-MM | ● | 4.90 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.11 | 0.89 | 4.08 |
| 860.1-0500-020A1-MM | ● | 5.00 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.09 | 0.91 | 4.00 |
| 860.1-0510-020A1-MM | ● | 5.10 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.07 | 0.93 | 3.92 |
| 860.1-0516-020A1-MM | ● | 5.16 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.06 | 0.94 | 3.88 |

● = First choice ○ = Good choice

# CoroDrill® 860-MM, solid carbide drill for ISO-M

Nominal drilling depth 3xD. Internal coolant supply



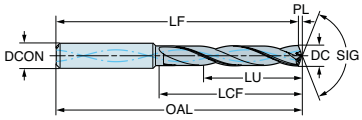

Metric (mm)

| | M | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **M2BM** | **DC [mm]** | **LU [mm]** | **LCF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **TCHA** | **LF [mm]** | **PL [mm]** | **ULDR** |
| 860.1-0520-020A1-MM | ● | 5.20 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.05 | 0.95 | 3.85 |
| 860.1-0530-020A1-MM | ● | 5.30 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.04 | 0.96 | 3.77 |
| 860.1-0540-020A1-MM | ● | 5.40 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.02 | 0.98 | 3.70 |
| 860.1-0550-020A1-MM | ● | 5.50 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.00 | 1.00 | 3.64 |
| 860.1-0555-020A1-MM | ● | 5.55 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 64.99 | 1.01 | 3.60 |
| 860.1-0556-020A1-MM | ● | 5.56 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 64.99 | 1.01 | 3.60 |
| 860.1-0560-020A1-MM | ● | 5.60 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 64.98 | 1.02 | 3.57 |
| 860.1-0570-020A1-MM | ● | 5.70 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 64.96 | 1.04 | 3.51 |
| 860.1-0580-020A1-MM | ● | 5.80 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 64.94 | 1.06 | 3.45 |
| 860.1-0590-020A1-MM | ● | 5.90 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 64.93 | 1.07 | 3.39 |
| 860.1-0595-020A1-MM | ● | 5.95 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 64.92 | 1.08 | 3.36 |
| 860.1-0610-024A1-MM | ● | 6.10 | 24.00 | 34.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.89 | 1.11 | 3.93 |
| 860.1-0620-024A1-MM | ● | 6.20 | 24.00 | 34.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.87 | 1.13 | 3.87 |
| 860.1-0630-024A1-MM | ● | 6.30 | 24.00 | 34.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.85 | 1.15 | 3.81 |
| 860.1-0635-024A1-MM | ● | 6.35 | 24.00 | 34.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.84 | 1.16 | 3.78 |
| 860.1-0640-024A1-MM | ● | 6.40 | 24.00 | 34.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.83 | 1.16 | 3.75 |
| 860.1-0650-024A1-MM | ● | 6.50 | 24.00 | 34.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.82 | 1.18 | 3.69 |
| 860.1-0660-024A1-MM | ● | 6.60 | 24.00 | 34.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.80 | 1.20 | 3.64 |
| 860.1-0670-024A1-MM | ● | 6.70 | 24.00 | 34.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.78 | 1.22 | 3.58 |
| 860.1-0675-024A1-MM | ● | 6.75 | 24.00 | 34.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.77 | 1.23 | 3.56 |
| 860.1-0680-024A1-MM | ● | 6.80 | 24.00 | 34.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.76 | 1.24 | 3.53 |
| 860.1-0690-024A1-MM | ● | 6.90 | 24.00 | 34.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.74 | 1.26 | 3.48 |
| 860.1-0700-024A1-MM | ● | 7.00 | 24.00 | 34.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.73 | 1.27 | 3.43 |
| 860.1-0710-029A1-MM | ● | 7.10 | 29.00 | 41.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.71 | 1.29 | 4.08 |
| 860.1-0714-029A1-MM | ● | 7.14 | 29.00 | 41.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.70 | 1.30 | 4.06 |
| 860.1-0720-029A1-MM | ● | 7.20 | 29.00 | 41.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.69 | 1.31 | 4.03 |
| 860.1-0730-029A1-MM | ● | 7.30 | 29.00 | 41.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.67 | 1.33 | 3.97 |
| 860.1-0740-029A1-MM | ● | 7.40 | 29.00 | 41.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.65 | 1.35 | 3.92 |
| 860.1-0750-029A1-MM | ● | 7.50 | 29.00 | 41.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.64 | 1.37 | 3.87 |
| 860.1-0754-029A1-MM | ● | 7.54 | 29.00 | 41.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.63 | 1.37 | 3.85 |

● = First choice ○ = Good choice

# CoroDrill® 860-MM, solid carbide drill for ISO-M

Nominal drilling depth 3xD. Internal coolant supply



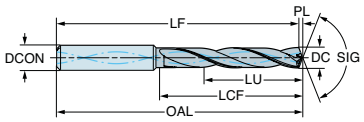

Metric (mm)

| | M | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **M2BM** | **DC [mm]** | **LU [mm]** | **LCF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **TCHA** | **LF [mm]** | **PL [mm]** | **ULDR** |
| 860.1-0760-029A1-MM | ● | 7.60 | 29.00 | 41.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.62 | 1.38 | 3.82 |
| 860.1-0770-029A1-MM | ● | 7.70 | 29.00 | 41.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.60 | 1.40 | 3.77 |
| 860.1-0780-029A1-MM | ● | 7.80 | 29.00 | 41.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.58 | 1.42 | 3.72 |
| 860.1-0790-029A1-MM | ● | 7.90 | 29.00 | 41.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.56 | 1.44 | 3.67 |
| 860.1-0794-029A1-MM | ● | 7.94 | 29.00 | 41.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.56 | 1.45 | 3.65 |
| 860.1-0810-035A1-MM | ● | 8.10 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.53 | 1.47 | 4.32 |
| 860.1-0820-035A1-MM | ● | 8.20 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.51 | 1.49 | 4.27 |
| 860.1-0830-035A1-MM | ● | 8.30 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.49 | 1.51 | 4.22 |
| 860.1-0833-035A1-MM | ● | 8.33 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.48 | 1.52 | 4.20 |
| 860.1-0840-035A1-MM | ● | 8.40 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.47 | 1.53 | 4.17 |
| 860.1-0850-035A1-MM | ● | 8.50 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.45 | 1.55 | 4.12 |
| 860.1-0860-035A1-MM | ● | 8.60 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.43 | 1.57 | 4.07 |
| 860.1-0870-035A1-MM | ● | 8.70 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.42 | 1.58 | 4.02 |
| 860.1-0873-035A1-MM | ● | 8.73 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.41 | 1.59 | 4.01 |
| 860.1-0880-035A1-MM | ● | 8.80 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.40 | 1.60 | 3.98 |
| 860.1-0890-035A1-MM | ● | 8.90 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.38 | 1.62 | 3.93 |
| 860.1-0900-035A1-MM | ● | 9.00 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.36 | 1.64 | 3.89 |
| 860.1-0910-035A1-MM | ● | 9.10 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.34 | 1.66 | 3.85 |
| 860.1-0913-035A1-MM | ● | 9.13 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.34 | 1.66 | 3.83 |
| 860.1-0920-035A1-MM | ● | 9.20 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.33 | 1.67 | 3.80 |
| 860.1-0930-035A1-MM | ● | 9.30 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.31 | 1.69 | 3.76 |
| 860.1-0940-035A1-MM | ● | 9.40 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.29 | 1.71 | 3.72 |
| 860.1-0950-035A1-MM | ● | 9.50 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.27 | 1.73 | 3.68 |
| 860.1-0953-035A1-MM | ● | 9.52 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.27 | 1.73 | 3.67 |
| 860.1-0960-035A1-MM | ● | 9.60 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.25 | 1.75 | 3.65 |
| 860.1-0970-035A1-MM | ● | 9.70 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.24 | 1.76 | 3.61 |
| 860.1-0980-035A1-MM | ● | 9.80 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.22 | 1.78 | 3.57 |
| 860.1-0990-035A1-MM | ● | 9.90 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.20 | 1.80 | 3.54 |
| 860.1-0992-035A1-MM | ● | 9.92 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.19 | 1.80 | 3.53 |
| 860.1-1010-040A1-MM | ● | 10.10 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 100.16 | 1.84 | 3.96 |

● = First choice ○ = Good choice

# CoroDrill® 860-MM, solid carbide drill for ISO-M

Nominal drilling depth 3xD. Internal coolant supply



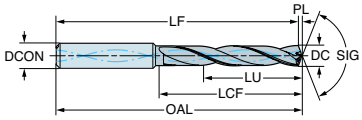

Metric (mm)

| | M | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **M2BM** | **DC [mm]** | **LU [mm]** | **LCF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **TCHA** | **LF [mm]** | **PL [mm]** | **ULDR** |
| 860.1-1020-040A1-MM | ● | 10.20 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 100.14 | 1.86 | 3.92 |
| 860.1-1030-040A1-MM | ● | 10.30 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 100.13 | 1.87 | 3.88 |
| 860.1-1032-040A1-MM | ● | 10.32 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 100.12 | 1.88 | 3.88 |
| 860.1-1040-040A1-MM | ● | 10.40 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 100.11 | 1.89 | 3.85 |
| 860.1-1050-040A1-MM | ● | 10.50 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 100.09 | 1.91 | 3.81 |
| 860.1-1060-040A1-MM | ● | 10.60 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 100.07 | 1.93 | 3.77 |
| 860.1-1070-040A1-MM | ● | 10.70 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 100.05 | 1.95 | 3.74 |
| 860.1-1072-040A1-MM | ● | 10.72 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 100.05 | 1.95 | 3.73 |
| 860.1-1080-040A1-MM | ● | 10.80 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 100.04 | 1.97 | 3.70 |
| 860.1-1090-040A1-MM | ● | 10.90 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 100.02 | 1.98 | 3.67 |
| 860.1-1100-040A1-MM | ● | 11.00 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 100.00 | 2.00 | 3.64 |
| 860.1-1110-040A1-MM | ● | 11.10 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 99.98 | 2.02 | 3.60 |
| 860.1-1111-040A1-MM | ● | 11.11 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 99.98 | 2.02 | 3.60 |
| 860.1-1120-040A1-MM | ● | 11.20 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 99.96 | 2.04 | 3.57 |
| 860.1-1130-040A1-MM | ● | 11.30 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 99.94 | 2.06 | 3.54 |
| 860.1-1140-040A1-MM | ● | 11.40 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 99.93 | 2.08 | 3.51 |
| 860.1-1150-040A1-MM | ● | 11.50 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 99.91 | 2.09 | 3.48 |
| 860.1-1151-040A1-MM | ● | 11.51 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 99.90 | 2.10 | 3.48 |
| 860.1-1160-040A1-MM | ● | 11.60 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 99.89 | 2.11 | 3.45 |
| 860.1-1170-040A1-MM | ● | 11.70 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 99.87 | 2.13 | 3.42 |
| 860.1-1180-040A1-MM | ● | 11.80 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 99.85 | 2.15 | 3.39 |
| 860.1-1190-040A1-MM | ● | 11.90 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 99.83 | 2.17 | 3.36 |
| 860.1-1210-043A1-MM | ● | 12.10 | 43.00 | 60.00 | 107.00 | 14.00 | 140.00 | h6 | H9 | 104.80 | 2.20 | 3.55 |
| 860.1-1220-043A1-MM | ● | 12.20 | 43.00 | 60.00 | 107.00 | 14.00 | 140.00 | h6 | H9 | 104.78 | 2.22 | 3.52 |
| 860.1-1230-043A1-MM | ● | 12.30 | 43.00 | 60.00 | 107.00 | 14.00 | 140.00 | h6 | H9 | 104.76 | 2.24 | 3.50 |
| 860.1-1250-043A1-MM | ● | 12.50 | 43.00 | 60.00 | 107.00 | 14.00 | 140.00 | h6 | H9 | 104.72 | 2.28 | 3.44 |
| 860.1-1260-043A1-MM | ● | 12.60 | 43.00 | 60.00 | 107.00 | 14.00 | 140.00 | h6 | H9 | 104.71 | 2.29 | 3.41 |
| 860.1-1270-043A1-MM | ● | 12.70 | 43.00 | 60.00 | 107.00 | 14.00 | 140.00 | h6 | H9 | 104.69 | 2.31 | 3.39 |
| 860.1-1280-043A1-MM | ● | 12.80 | 43.00 | 60.00 | 107.00 | 14.00 | 140.00 | h6 | H9 | 104.67 | 2.33 | 3.36 |
| 860.1-1290-043A1-MM | ● | 12.90 | 43.00 | 60.00 | 107.00 | 14.00 | 140.00 | h6 | H9 | 104.65 | 2.35 | 3.33 |

● = First choice ○ = Good choice

# CoroDrill® 860-MM, solid carbide drill for ISO-M

Nominal drilling depth 3xD. Internal coolant supply



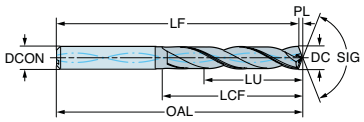

Metric (mm)

| | M | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **M2BM** | **DC [mm]** | **LU [mm]** | **LCF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **TCHA** | **LF [mm]** | **PL [mm]** | **ULDR** |
| 860.1-1300-043A1-MM | ● | 13.00 | 43.00 | 60.00 | 107.00 | 14.00 | 140.00 | h6 | H9 | 104.63 | 2.37 | 3.31 |
| 860.1-1310-043A1-MM | ● | 13.10 | 43.00 | 60.00 | 107.00 | 14.00 | 140.00 | h6 | H9 | 104.62 | 2.38 | 3.28 |
| 860.1-1330-043A1-MM | ● | 13.30 | 43.00 | 60.00 | 107.00 | 14.00 | 140.00 | h6 | H9 | 104.58 | 2.42 | 3.23 |
| 860.1-1349-043A1-MM | ● | 13.49 | 43.00 | 60.00 | 107.00 | 14.00 | 140.00 | h6 | H9 | 104.54 | 2.45 | 3.19 |
| 860.1-1350-043A1-MM | ● | 13.50 | 43.00 | 60.00 | 107.00 | 14.00 | 140.00 | h6 | H9 | 104.54 | 2.46 | 3.19 |
| 860.1-1380-043A1-MM | ● | 13.80 | 43.00 | 60.00 | 107.00 | 14.00 | 140.00 | h6 | H9 | 104.49 | 2.51 | 3.12 |
| 860.1-1400-043A1-MM | ● | 14.00 | 43.00 | 60.00 | 107.00 | 14.00 | 140.00 | h6 | H9 | 104.45 | 2.55 | 3.07 |
| 860.1-1429-045A1-MM | ● | 14.29 | 45.00 | 65.00 | 115.00 | 16.00 | 140.00 | h6 | H9 | 112.40 | 2.60 | 3.15 |
| 860.1-1440-045A1-MM | ● | 14.40 | 45.00 | 65.00 | 115.00 | 16.00 | 140.00 | h6 | H9 | 112.38 | 2.62 | 3.13 |
| 860.1-1450-045A1-MM | ● | 14.50 | 45.00 | 65.00 | 115.00 | 16.00 | 140.00 | h6 | H9 | 112.36 | 2.64 | 3.10 |
| 860.1-1475-045A1-MM | ● | 14.75 | 45.00 | 65.00 | 115.00 | 16.00 | 140.00 | h6 | H9 | 112.32 | 2.68 | 3.05 |
| 860.1-1480-045A1-MM | ● | 14.80 | 45.00 | 65.00 | 115.00 | 16.00 | 140.00 | h6 | H9 | 112.31 | 2.69 | 3.04 |
| 860.1-1500-045A1-MM | ● | 15.00 | 45.00 | 65.00 | 115.00 | 16.00 | 140.00 | h6 | H9 | 112.27 | 2.73 | 3.00 |
| 860.1-1510-045A1-MM | ● | 15.10 | 45.00 | 65.00 | 115.00 | 16.00 | 140.00 | h6 | H9 | 112.25 | 2.75 | 2.98 |
| 860.1-1520-045A1-MM | ● | 15.20 | 45.00 | 65.00 | 115.00 | 16.00 | 140.00 | h6 | H9 | 112.23 | 2.77 | 2.96 |
| 860.1-1530-045A1-MM | ● | 15.30 | 45.00 | 65.00 | 115.00 | 16.00 | 140.00 | h6 | H9 | 112.22 | 2.78 | 2.94 |
| 860.1-1550-045A1-MM | ● | 15.50 | 45.00 | 65.00 | 115.00 | 16.00 | 140.00 | h6 | H9 | 112.18 | 2.82 | 2.90 |
| 860.1-1580-045A1-MM | ● | 15.80 | 45.00 | 65.00 | 115.00 | 16.00 | 140.00 | h6 | H9 | 112.13 | 2.88 | 2.85 |
| 860.1-1588-045A1-MM | ● | 15.88 | 45.00 | 65.00 | 115.00 | 16.00 | 140.00 | h6 | H9 | 112.11 | 2.89 | 2.83 |
| 860.1-1650-051A1-MM | ● | 16.50 | 51.00 | 73.00 | 123.00 | 18.00 | 140.00 | h6 | H9 | 120.00 | 3.00 | 3.09 |
| 860.1-1700-051A1-MM | ● | 17.00 | 51.00 | 73.00 | 123.00 | 18.00 | 140.00 | h6 | H9 | 119.91 | 3.09 | 3.00 |
| 860.1-1750-051A1-MM | ● | 17.50 | 51.00 | 73.00 | 123.00 | 18.00 | 140.00 | h6 | H9 | 119.82 | 3.18 | 2.91 |
| 860.1-1850-055A1-MM | ● | 18.50 | 55.00 | 79.00 | 131.00 | 20.00 | 140.00 | h6 | H9 | 127.63 | 3.37 | 2.97 |
| 860.1-1900-055A1-MM | ● | 19.00 | 55.00 | 79.00 | 131.00 | 20.00 | 140.00 | h6 | H9 | 127.54 | 3.46 | 2.89 |
| 860.1-1950-055A1-MM | ● | 19.50 | 55.00 | 79.00 | 131.00 | 20.00 | 140.00 | h6 | H9 | 127.45 | 3.55 | 2.82 |

● = First choice ○ = Good choice

# CoroDrill® 860-MM, solid carbide drill for ISO-M

Nominal drilling depth up to 5xD. Internal coolant supply



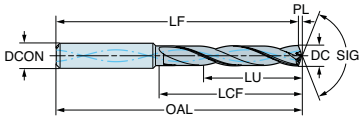

Metric (mm)

| | M | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **M2BM** | **DC [mm]** | **LU [mm]** | **LCF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **TCHA** | **LF [mm]** | **PL [mm]** | **ULDR** |
| 860.1-0600-020A1-MM | ● | 6.00 | 20.00 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 64.91 | 1.09 | 3.33 |
| 860.1-0600-035A1-MM | ● | 6.00 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 80.91 | 1.09 | 5.83 |
| 860.1-0800-029A1-MM | ● | 8.00 | 29.00 | 41.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.54 | 1.46 | 3.63 |
| 860.1-0800-043A1-MM | ● | 8.00 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.54 | 1.46 | 5.38 |
| 860.1-1000-035A1-MM | ● | 10.00 | 35.00 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.18 | 1.82 | 3.50 |
| 860.1-1000-049A1-MM | ● | 10.00 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.18 | 1.82 | 4.90 |
| 860.1-1200-040A1-MM | ● | 12.00 | 40.00 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 99.82 | 2.18 | 3.33 |
| 860.1-1200-056A1-MM | ● | 12.00 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 115.82 | 2.18 | 4.67 |
| 860.1-1400-060A1-MM | ● | 14.00 | 60.00 | 77.00 | 124.00 | 14.00 | 140.00 | h6 | H9 | 121.45 | 2.55 | 4.29 |
| 860.1-1420-045A1-MM | ● | 14.20 | 45.00 | 65.00 | 115.00 | 16.00 | 140.00 | h6 | H9 | 112.42 | 2.58 | 3.17 |
| 860.1-1600-045A1-MM | ● | 16.00 | 45.00 | 65.00 | 115.00 | 16.00 | 140.00 | h6 | H9 | 112.09 | 2.91 | 2.81 |
| 860.1-1600-063A1-MM | ● | 16.00 | 63.00 | 83.00 | 133.00 | 16.00 | 140.00 | h6 | H9 | 130.09 | 2.91 | 3.94 |
| 860.1-1800-051A1-MM | ● | 18.00 | 51.00 | 73.00 | 123.00 | 18.00 | 140.00 | h6 | H9 | 119.72 | 3.28 | 2.83 |
| 860.1-1800-071A1-MM | ● | 18.00 | 71.00 | 93.00 | 143.00 | 18.00 | 140.00 | h6 | H9 | 139.72 | 3.28 | 3.94 |
| 860.1-2000-055A1-MM | ● | 20.00 | 55.00 | 79.00 | 131.00 | 20.00 | 140.00 | h6 | H9 | 127.36 | 3.64 | 2.75 |
| 860.1-2000-077A1-MM | ● | 20.00 | 77.00 | 101.00 | 153.00 | 20.00 | 140.00 | h6 | H9 | 149.36 | 3.64 | 3.85 |

● = First choice ○ = Good choice

# CoroDrill® 860-MM, solid carbide drill for ISO-M

Nominal drilling depth 5xD. Internal coolant supply



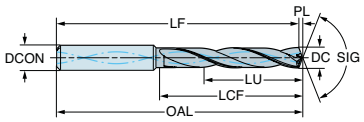

Metric (mm)

| | M | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **M2BM** | **DC [mm]** | **LU [mm]** | **LCF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **TCHA** | **LF [mm]** | **PL [mm]** | **ULDR** |
| 860.1-0300-019A1-MM | ● | 3.00 | 19.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.45 | 0.55 | 6.33 |
| 860.1-0310-019A1-MM | ● | 3.10 | 19.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.44 | 0.56 | 6.13 |
| 860.1-0318-019A1-MM | ● | 3.17 | 19.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.42 | 0.58 | 5.98 |
| 860.1-0320-019A1-MM | ● | 3.20 | 19.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.42 | 0.58 | 5.94 |
| 860.1-0325-019A1-MM | ● | 3.25 | 19.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.41 | 0.59 | 5.85 |
| 860.1-0330-019A1-MM | ● | 3.30 | 19.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.40 | 0.60 | 5.76 |
| 860.1-0340-019A1-MM | ● | 3.40 | 19.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.38 | 0.62 | 5.59 |
| 860.1-0350-019A1-MM | ● | 3.50 | 19.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.36 | 0.64 | 5.43 |
| 860.1-0357-019A1-MM | ● | 3.57 | 19.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.35 | 0.65 | 5.32 |
| 860.1-0360-019A1-MM | ● | 3.60 | 19.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.35 | 0.65 | 5.28 |
| 860.1-0370-019A1-MM | ● | 3.70 | 19.00 | 24.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.33 | 0.67 | 5.14 |
| 860.1-0380-029A1-MM | ● | 3.80 | 29.00 | 36.00 | 74.00 | 6.00 | 140.00 | h6 | H9 | 73.31 | 0.69 | 7.63 |
| 860.1-0390-029A1-MM | ● | 3.90 | 29.00 | 36.00 | 74.00 | 6.00 | 140.00 | h6 | H9 | 73.29 | 0.71 | 7.44 |
| 860.1-0397-029A1-MM | ● | 3.97 | 29.00 | 36.00 | 74.00 | 6.00 | 140.00 | h6 | H9 | 73.28 | 0.72 | 7.31 |
| 860.1-0400-029A1-MM | ● | 4.00 | 29.00 | 36.00 | 74.00 | 6.00 | 140.00 | h6 | H9 | 73.27 | 0.73 | 7.25 |
| 860.1-0410-029A1-MM | ● | 4.10 | 29.00 | 36.00 | 74.00 | 6.00 | 140.00 | h6 | H9 | 73.25 | 0.75 | 7.07 |
| 860.1-0420-029A1-MM | ● | 4.20 | 29.00 | 36.00 | 74.00 | 6.00 | 140.00 | h6 | H9 | 73.24 | 0.76 | 6.90 |
| 860.1-0430-029A1-MM | ● | 4.30 | 29.00 | 36.00 | 74.00 | 6.00 | 140.00 | h6 | H9 | 73.22 | 0.78 | 6.74 |
| 860.1-0437-029A1-MM | ● | 4.37 | 29.00 | 36.00 | 74.00 | 6.00 | 140.00 | h6 | H9 | 73.21 | 0.80 | 6.64 |
| 860.1-0440-029A1-MM | ● | 4.40 | 29.00 | 36.00 | 74.00 | 6.00 | 140.00 | h6 | H9 | 73.20 | 0.80 | 6.59 |
| 860.1-0450-029A1-MM | ● | 4.50 | 29.00 | 36.00 | 74.00 | 6.00 | 140.00 | h6 | H9 | 73.18 | 0.82 | 6.44 |
| 860.1-0460-029A1-MM | ● | 4.60 | 29.00 | 36.00 | 74.00 | 6.00 | 140.00 | h6 | H9 | 73.16 | 0.84 | 6.30 |
| 860.1-0465-029A1-MM | ● | 4.65 | 29.00 | 36.00 | 74.00 | 6.00 | 140.00 | h6 | H9 | 73.15 | 0.85 | 6.24 |
| 860.1-0470-029A1-MM | ● | 4.70 | 29.00 | 36.00 | 74.00 | 6.00 | 140.00 | h6 | H9 | 73.14 | 0.86 | 6.17 |
| 860.1-0476-035A1-MM | ● | 4.76 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 81.13 | 0.87 | 7.35 |
| 860.1-0480-035A1-MM | ● | 4.80 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 81.13 | 0.87 | 7.29 |
| 860.1-0490-035A1-MM | ● | 4.90 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 81.11 | 0.89 | 7.14 |
| 860.1-0500-035A1-MM | ● | 5.00 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 81.09 | 0.91 | 7.00 |
| 860.1-0510-035A1-MM | ● | 5.10 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 81.07 | 0.93 | 6.86 |
| 860.1-0516-035A1-MM | ● | 5.16 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 81.06 | 0.94 | 6.78 |

● = First choice ○ = Good choice

# CoroDrill® 860-MM, solid carbide drill for ISO-M

Nominal drilling depth 5xD. Internal coolant supply



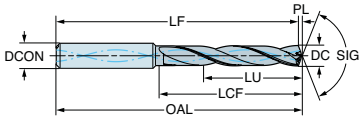

Metric (mm)

| | M | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **M2BM** | **DC [mm]** | **LU [mm]** | **LCF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **TCHA** | **LF [mm]** | **PL [mm]** | **ULDR** |
| 860.1-0520-035A1-MM | ● | 5.20 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 81.05 | 0.95 | 6.73 |
| 860.1-0530-035A1-MM | ● | 5.30 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 81.04 | 0.96 | 6.60 |
| 860.1-0540-035A1-MM | ● | 5.40 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 81.02 | 0.98 | 6.48 |
| 860.1-0550-035A1-MM | ● | 5.50 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 81.00 | 1.00 | 6.36 |
| 860.1-0555-035A1-MM | ● | 5.55 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 80.99 | 1.01 | 6.31 |
| 860.1-0556-035A1-MM | ● | 5.56 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 80.99 | 1.01 | 6.30 |
| 860.1-0560-035A1-MM | ● | 5.60 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 80.98 | 1.02 | 6.25 |
| 860.1-0570-035A1-MM | ● | 5.70 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 80.96 | 1.04 | 6.14 |
| 860.1-0580-035A1-MM | ● | 5.80 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 80.94 | 1.06 | 6.03 |
| 860.1-0590-035A1-MM | ● | 5.90 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 80.93 | 1.07 | 5.93 |
| 860.1-0595-035A1-MM | ● | 5.95 | 35.00 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 80.92 | 1.08 | 5.88 |
| 860.1-0610-043A1-MM | ● | 6.10 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.89 | 1.11 | 7.05 |
| 860.1-0620-043A1-MM | ● | 6.20 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.87 | 1.13 | 6.94 |
| 860.1-0630-043A1-MM | ● | 6.30 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.85 | 1.15 | 6.83 |
| 860.1-0635-043A1-MM | ● | 6.35 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.84 | 1.16 | 6.77 |
| 860.1-0640-043A1-MM | ● | 6.40 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.83 | 1.16 | 6.72 |
| 860.1-0650-043A1-MM | ● | 6.50 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.82 | 1.18 | 6.62 |
| 860.1-0660-043A1-MM | ● | 6.60 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.80 | 1.20 | 6.52 |
| 860.1-0670-043A1-MM | ● | 6.70 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.78 | 1.22 | 6.42 |
| 860.1-0675-043A1-MM | ● | 6.75 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.77 | 1.23 | 6.37 |
| 860.1-0680-043A1-MM | ● | 6.80 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.76 | 1.24 | 6.32 |
| 860.1-0690-043A1-MM | ● | 6.90 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.74 | 1.26 | 6.23 |
| 860.1-0700-043A1-MM | ● | 7.00 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.73 | 1.27 | 6.14 |
| 860.1-0710-043A1-MM | ● | 7.10 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.71 | 1.29 | 6.06 |
| 860.1-0714-043A1-MM | ● | 7.14 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.70 | 1.30 | 6.02 |
| 860.1-0720-043A1-MM | ● | 7.20 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.69 | 1.31 | 5.97 |
| 860.1-0730-043A1-MM | ● | 7.30 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.67 | 1.33 | 5.89 |
| 860.1-0740-043A1-MM | ● | 7.40 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.65 | 1.35 | 5.81 |
| 860.1-0750-043A1-MM | ● | 7.50 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.64 | 1.37 | 5.73 |
| 860.1-0754-043A1-MM | ● | 7.54 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.63 | 1.37 | 5.70 |

● = First choice ○ = Good choice

# CoroDrill® 860-MM, solid carbide drill for ISO-M

Nominal drilling depth 5xD. Internal coolant supply



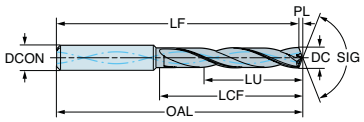

Metric (mm)

| | M | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **M2BM** | **DC [mm]** | **LU [mm]** | **LCF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **TCHA** | **LF [mm]** | **PL [mm]** | **ULDR** |
| 860.1-0760-043A1-MM | ● | 7.60 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.62 | 1.38 | 5.66 |
| 860.1-0770-043A1-MM | ● | 7.70 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.60 | 1.40 | 5.58 |
| 860.1-0780-043A1-MM | ● | 7.80 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.58 | 1.42 | 5.51 |
| 860.1-0790-043A1-MM | ● | 7.90 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.56 | 1.44 | 5.44 |
| 860.1-0794-043A1-MM | ● | 7.94 | 43.00 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.56 | 1.45 | 5.42 |
| 860.1-0810-049A1-MM | ● | 8.10 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.53 | 1.47 | 6.05 |
| 860.1-0820-049A1-MM | ● | 8.20 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.51 | 1.49 | 5.98 |
| 860.1-0830-049A1-MM | ● | 8.30 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.49 | 1.51 | 5.90 |
| 860.1-0833-049A1-MM | ● | 8.33 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.48 | 1.52 | 5.88 |
| 860.1-0840-049A1-MM | ● | 8.40 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.47 | 1.53 | 5.83 |
| 860.1-0850-049A1-MM | ● | 8.50 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.45 | 1.55 | 5.76 |
| 860.1-0860-049A1-MM | ● | 8.60 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.43 | 1.57 | 5.70 |
| 860.1-0870-049A1-MM | ● | 8.70 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.42 | 1.58 | 5.63 |
| 860.1-0873-049A1-MM | ● | 8.73 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.41 | 1.59 | 5.61 |
| 860.1-0880-049A1-MM | ● | 8.80 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.40 | 1.60 | 5.57 |
| 860.1-0890-049A1-MM | ● | 8.90 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.38 | 1.62 | 5.51 |
| 860.1-0900-049A1-MM | ● | 9.00 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.36 | 1.64 | 5.44 |
| 860.1-0910-049A1-MM | ● | 9.10 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.34 | 1.66 | 5.38 |
| 860.1-0913-049A1-MM | ● | 9.13 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.34 | 1.66 | 5.37 |
| 860.1-0920-049A1-MM | ● | 9.20 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.33 | 1.67 | 5.33 |
| 860.1-0930-049A1-MM | ● | 9.30 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.31 | 1.69 | 5.27 |
| 860.1-0940-049A1-MM | ● | 9.40 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.29 | 1.71 | 5.21 |
| 860.1-0950-049A1-MM | ● | 9.50 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.27 | 1.73 | 5.16 |
| 860.1-0953-049A1-MM | ● | 9.52 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.27 | 1.73 | 5.14 |
| 860.1-0960-049A1-MM | ● | 9.60 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.25 | 1.75 | 5.10 |
| 860.1-0970-049A1-MM | ● | 9.70 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.24 | 1.76 | 5.05 |
| 860.1-0980-049A1-MM | ● | 9.80 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.22 | 1.78 | 5.00 |
| 860.1-0990-049A1-MM | ● | 9.90 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.20 | 1.80 | 4.95 |
| 860.1-0992-049A1-MM | ● | 9.92 | 49.00 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.19 | 1.80 | 4.94 |
| 860.1-1010-056A1-MM | ● | 10.10 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 116.16 | 1.84 | 5.54 |

● = First choice ○ = Good choice

# CoroDrill® 860-MM, solid carbide drill for ISO-M

Nominal drilling depth 5xD. Internal coolant supply



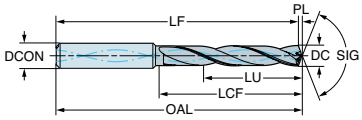

Metric (mm)

| | M | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **M2BM** | **DC [mm]** | **LU [mm]** | **LCF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **TCHA** | **LF [mm]** | **PL [mm]** | **ULDR** |
| 860.1-1020-056A1-MM | ● | 10.20 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 116.14 | 1.86 | 5.49 |
| 860.1-1030-056A1-MM | ● | 10.30 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 116.13 | 1.87 | 5.44 |
| 860.1-1032-056A1-MM | ● | 10.32 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 116.12 | 1.88 | 5.43 |
| 860.1-1040-056A1-MM | ● | 10.40 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 116.11 | 1.89 | 5.38 |
| 860.1-1050-056A1-MM | ● | 10.50 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 116.09 | 1.91 | 5.33 |
| 860.1-1060-056A1-MM | ● | 10.60 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 116.07 | 1.93 | 5.28 |
| 860.1-1070-056A1-MM | ● | 10.70 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 116.05 | 1.95 | 5.23 |
| 860.1-1072-056A1-MM | ● | 10.72 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 116.05 | 1.95 | 5.23 |
| 860.1-1080-056A1-MM | ● | 10.80 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 116.04 | 1.97 | 5.19 |
| 860.1-1090-056A1-MM | ● | 10.90 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 116.02 | 1.98 | 5.14 |
| 860.1-1100-056A1-MM | ● | 11.00 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 116.00 | 2.00 | 5.09 |
| 860.1-1110-056A1-MM | ● | 11.10 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 115.98 | 2.02 | 5.05 |
| 860.1-1111-056A1-MM | ● | 11.11 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 115.98 | 2.02 | 5.04 |
| 860.1-1120-056A1-MM | ● | 11.20 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 115.96 | 2.04 | 5.00 |
| 860.1-1130-056A1-MM | ● | 11.30 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 115.94 | 2.06 | 4.96 |
| 860.1-1140-056A1-MM | ● | 11.40 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 115.93 | 2.08 | 4.91 |
| 860.1-1150-056A1-MM | ● | 11.50 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 115.91 | 2.09 | 4.87 |
| 860.1-1151-056A1-MM | ● | 11.51 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 115.90 | 2.10 | 4.87 |
| 860.1-1160-056A1-MM | ● | 11.60 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 115.89 | 2.11 | 4.83 |
| 860.1-1170-056A1-MM | ● | 11.70 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 115.87 | 2.13 | 4.79 |
| 860.1-1180-056A1-MM | ● | 11.80 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 115.85 | 2.15 | 4.75 |
| 860.1-1190-056A1-MM | ● | 11.90 | 56.00 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 115.83 | 2.17 | 4.71 |
| 860.1-1210-060A1-MM | ● | 12.10 | 60.00 | 77.00 | 124.00 | 14.00 | 140.00 | h6 | H9 | 121.80 | 2.20 | 4.96 |
| 860.1-1220-060A1-MM | ● | 12.20 | 60.00 | 77.00 | 124.00 | 14.00 | 140.00 | h6 | H9 | 121.78 | 2.22 | 4.92 |
| 860.1-1230-060A1-MM | ● | 12.30 | 60.00 | 77.00 | 124.00 | 14.00 | 140.00 | h6 | H9 | 121.76 | 2.24 | 4.88 |
| 860.1-1250-060A1-MM | ● | 12.50 | 60.00 | 77.00 | 124.00 | 14.00 | 140.00 | h6 | H9 | 121.72 | 2.28 | 4.80 |
| 860.1-1260-060A1-MM | ● | 12.60 | 60.00 | 77.00 | 124.00 | 14.00 | 140.00 | h6 | H9 | 121.71 | 2.29 | 4.76 |
| 860.1-1270-060A1-MM | ● | 12.70 | 60.00 | 77.00 | 124.00 | 14.00 | 140.00 | h6 | H9 | 121.69 | 2.31 | 4.72 |
| 860.1-1280-060A1-MM | ● | 12.80 | 60.00 | 77.00 | 124.00 | 14.00 | 140.00 | h6 | H9 | 121.67 | 2.33 | 4.69 |
| 860.1-1290-060A1-MM | ● | 12.90 | 60.00 | 77.00 | 124.00 | 14.00 | 140.00 | h6 | H9 | 121.65 | 2.35 | 4.65 |

● = First choice ○ = Good choice

# CoroDrill® 860-MM, solid carbide drill for ISO-M

Nominal drilling depth 5xD. Internal coolant supply



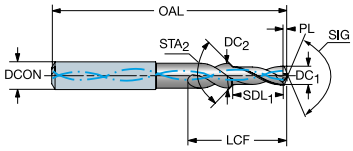

Metric (mm)

| | M | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **M2BM** | **DC [mm]** | **LU [mm]** | **LCF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **TCHA** | **LF [mm]** | **PL [mm]** | **ULDR** |
| 860.1-1300-060A1-MM | ● | 13.00 | 60.00 | 77.00 | 124.00 | 14.00 | 140.00 | h6 | H9 | 121.63 | 2.37 | 4.62 |
| 860.1-1310-060A1-MM | ● | 13.10 | 60.00 | 77.00 | 124.00 | 14.00 | 140.00 | h6 | H9 | 121.62 | 2.38 | 4.58 |
| 860.1-1330-060A1-MM | ● | 13.30 | 60.00 | 77.00 | 124.00 | 14.00 | 140.00 | h6 | H9 | 121.58 | 2.42 | 4.51 |
| 860.1-1349-060A1-MM | ● | 13.49 | 60.00 | 77.00 | 124.00 | 14.00 | 140.00 | h6 | H9 | 121.54 | 2.45 | 4.45 |
| 860.1-1350-060A1-MM | ● | 13.50 | 60.00 | 77.00 | 124.00 | 14.00 | 140.00 | h6 | H9 | 121.54 | 2.46 | 4.44 |
| 860.1-1380-060A1-MM | ● | 13.80 | 60.00 | 77.00 | 124.00 | 14.00 | 140.00 | h6 | H9 | 121.49 | 2.51 | 4.35 |
| 860.1-1420-063A1-MM | ● | 14.20 | 63.00 | 83.00 | 133.00 | 16.00 | 140.00 | h6 | H9 | 130.42 | 2.58 | 4.44 |
| 860.1-1429-063A1-MM | ● | 14.29 | 63.00 | 83.00 | 133.00 | 16.00 | 140.00 | h6 | H9 | 130.40 | 2.60 | 4.41 |
| 860.1-1440-063A1-MM | ● | 14.40 | 63.00 | 83.00 | 133.00 | 16.00 | 140.00 | h6 | H9 | 130.38 | 2.62 | 4.38 |
| 860.1-1450-063A1-MM | ● | 14.50 | 63.00 | 83.00 | 133.00 | 16.00 | 140.00 | h6 | H9 | 130.36 | 2.64 | 4.34 |
| 860.1-1475-063A1-MM | ● | 14.75 | 63.00 | 83.00 | 133.00 | 16.00 | 140.00 | h6 | H9 | 130.32 | 2.68 | 4.27 |
| 860.1-1480-063A1-MM | ● | 14.80 | 63.00 | 83.00 | 133.00 | 16.00 | 140.00 | h6 | H9 | 130.31 | 2.69 | 4.26 |
| 860.1-1500-063A1-MM | ● | 15.00 | 63.00 | 83.00 | 133.00 | 16.00 | 140.00 | h6 | H9 | 130.27 | 2.73 | 4.20 |
| 860.1-1510-063A1-MM | ● | 15.10 | 63.00 | 83.00 | 133.00 | 16.00 | 140.00 | h6 | H9 | 130.25 | 2.75 | 4.17 |
| 860.1-1520-063A1-MM | ● | 15.20 | 63.00 | 83.00 | 133.00 | 16.00 | 140.00 | h6 | H9 | 130.23 | 2.77 | 4.14 |
| 860.1-1530-063A1-MM | ● | 15.30 | 63.00 | 83.00 | 133.00 | 16.00 | 140.00 | h6 | H9 | 130.22 | 2.78 | 4.12 |
| 860.1-1550-063A1-MM | ● | 15.50 | 63.00 | 83.00 | 133.00 | 16.00 | 140.00 | h6 | H9 | 130.18 | 2.82 | 4.06 |
| 860.1-1580-063A1-MM | ● | 15.80 | 63.00 | 83.00 | 133.00 | 16.00 | 140.00 | h6 | H9 | 130.13 | 2.88 | 3.99 |
| 860.1-1588-063A1-MM | ● | 15.88 | 63.00 | 83.00 | 133.00 | 16.00 | 140.00 | h6 | H9 | 130.11 | 2.89 | 3.97 |
| 860.1-1650-071A1-MM | ● | 16.50 | 71.00 | 93.00 | 143.00 | 18.00 | 140.00 | h6 | H9 | 140.00 | 3.00 | 4.30 |
| 860.1-1700-071A1-MM | ● | 17.00 | 71.00 | 93.00 | 143.00 | 18.00 | 140.00 | h6 | H9 | 139.91 | 3.09 | 4.18 |
| 860.1-1750-071A1-MM | ● | 17.50 | 71.00 | 93.00 | 143.00 | 18.00 | 140.00 | h6 | H9 | 139.82 | 3.18 | 4.06 |
| 860.1-1850-077A1-MM | ● | 18.50 | 77.00 | 101.00 | 153.00 | 20.00 | 140.00 | h6 | H9 | 149.63 | 3.37 | 4.16 |
| 860.1-1900-077A1-MM | ● | 19.00 | 77.00 | 101.00 | 153.00 | 20.00 | 140.00 | h6 | H9 | 149.54 | 3.46 | 4.05 |
| 860.1-1950-077A1-MM | ● | 19.50 | 77.00 | 101.00 | 153.00 | 20.00 | 140.00 | h6 | H9 | 149.45 | 3.55 | 3.95 |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide step and chamfer drill for multi-materials

Nominal drilling depth 3xD. Internal coolant supply




Common data values

| TCHA |
|---|
| H9 |

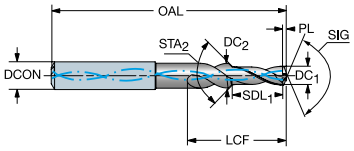
Metric (mm)

| | P | S | H | K | M | N | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **LCF [mm]** | **PL [mm]** | **COATING** |
| 462.2-0330-010A1-XM | ● | ● | ● | ● | ● | ● | 10.84 | 66.00 | 66.00 | 6.00 | 140.00 | h6 | 22.00 | 0.60 | PVD TiAlCrSiN |
| 462.2-0335-011A1-XM | ● | ● | ● | ● | ● | ● | 11.01 | 66.00 | 66.00 | 6.00 | 140.00 | h6 | 22.00 | 0.61 | PVD TiAlCrSiN |
| 462.2-0340-011A1-XM | ● | ● | ● | ● | ● | ● | 11.17 | 66.00 | 66.00 | 6.00 | 140.00 | h6 | 22.00 | 0.62 | PVD TiAlCrSiN |
| 462.2-0350-011A1-XM | ● | ● | ● | ● | ● | ● | 11.50 | 65.00 | 66.00 | 6.00 | 140.00 | h6 | 22.00 | 0.64 | PVD TiAlCrSiN |
| 462.2-0370-012A1-XM | ● | ● | ● | ● | ● | ● | 12.16 | 65.00 | 66.00 | 6.00 | 140.00 | h6 | 24.00 | 0.67 | PVD TiAlCrSiN |
| 462.2-0375-012A1-XM | ● | ● | ● | ● | ● | ● | 12.32 | 65.00 | 66.00 | 6.00 | 140.00 | h6 | 24.00 | 0.68 | PVD TiAlCrSiN |
| 462.2-0380-012A1-XM | ● | ● | ● | ● | ● | ● | 12.48 | 65.00 | 66.00 | 6.00 | 140.00 | h6 | 24.00 | 0.69 | PVD TiAlCrSiN |
| 462.2-0385-012A1-XM | ● | ● | ● | ● | ● | ● | 12.65 | 65.00 | 66.00 | 6.00 | 140.00 | h6 | 24.00 | 0.70 | PVD TiAlCrSiN |
| 462.2-0420-013A1-XM | ● | ● | ● | ● | ● | ● | 13.80 | 65.00 | 66.00 | 6.00 | 140.00 | h6 | 26.00 | 0.76 | PVD TiAlCrSiN |
| 462.2-0425-013A1-XM | ● | ● | ● | ● | ● | ● | 13.97 | 65.00 | 66.00 | 6.00 | 140.00 | h6 | 26.00 | 0.77 | PVD TiAlCrSiN |
| 462.2-0430-014A1-XM | ● | ● | ● | ● | ● | ● | 14.13 | 65.00 | 66.00 | 6.00 | 140.00 | h6 | 26.00 | 0.78 | PVD TiAlCrSiN |
| 462.2-0465-015A1-XM | ● | ● | ● | ● | ● | ● | 15.28 | 78.00 | 79.00 | 8.00 | 140.00 | h6 | 28.00 | 0.85 | PVD TiAlCrSiN |
| 462.2-0480-015A1-XM | ● | ● | ● | ● | ● | ● | 15.77 | 78.00 | 79.00 | 8.00 | 140.00 | h6 | 30.00 | 0.87 | PVD TiAlCrSiN |
| 462.2-0500-016A1-XM | ● | ● | ● | ● | ● | ● | 16.43 | 78.00 | 79.00 | 8.00 | 140.00 | h6 | 30.00 | 0.91 | PVD TiAlCrSiN |
| 462.2-0510-016A1-XM | ● | ● | ● | ● | ● | ● | 16.76 | 78.00 | 79.00 | 8.00 | 140.00 | h6 | 32.00 | 0.93 | PVD TiAlCrSiN |
| 462.2-0525-017A1-XM | ● | ● | ● | ● | ● | ● | 17.25 | 78.00 | 79.00 | 8.00 | 140.00 | h6 | 32.00 | 0.96 | PVD TiAlCrSiN |
| 462.2-0530-017A1-XM | ● | ● | ● | ● | ● | ● | 17.42 | 78.00 | 79.00 | 8.00 | 140.00 | h6 | 32.00 | 0.96 | PVD TiAlCrSiN |
| 462.2-0550-018A1-XM | ● | ● | ● | ● | ● | ● | 18.07 | 78.00 | 79.00 | 8.00 | 140.00 | h6 | 34.00 | 1.00 | PVD TiAlCrSiN |
| 462.2-0555-018A1-XM | ● | ● | ● | ● | ● | ● | 18.23 | 78.00 | 79.00 | 8.00 | 140.00 | h6 | 34.00 | 1.01 | PVD TiAlCrSiN |
| 462.2-0556-018A1-XM | ● | ● | ● | ● | ● | ● | 18.27 | 78.00 | 79.00 | 8.00 | 140.00 | h6 | 34.00 | 1.01 | PVD TiAlCrSiN |
| 462.2-0565-018A1-XM | ● | ● | ● | ● | ● | ● | 18.57 | 78.00 | 79.00 | 8.00 | 140.00 | h6 | 34.00 | 1.03 | PVD TiAlCrSiN |
| 462.2-0575-018A1-XM | ● | ● | ● | ● | ● | ● | 18.89 | 78.00 | 79.00 | 8.00 | 140.00 | h6 | 34.00 | 1.05 | PVD TiAlCrSiN |
| 462.2-0620-020A1-XM | ● | ● | ● | ● | ● | ● | 20.37 | 88.00 | 89.00 | 10.00 | 140.00 | h6 | 38.00 | 1.13 | PVD TiAlCrSiN |
| 462.2-0625-020A1-XM | ● | ● | ● | ● | ● | ● | 20.54 | 88.00 | 89.00 | 10.00 | 140.00 | h6 | 38.00 | 1.14 | PVD TiAlCrSiN |
| 462.2-0655-021A1-XM | ● | ● | ● | ● | ● | ● | 21.52 | 88.00 | 89.00 | 10.00 | 140.00 | h6 | 40.00 | 1.19 | PVD TiAlCrSiN |
| 462.2-0660-021A1-XM | ● | ● | ● | ● | ● | ● | 21.68 | 88.00 | 89.00 | 10.00 | 140.00 | h6 | 40.00 | 1.20 | PVD TiAlCrSiN |
| 462.2-0665-021A1-XM | ● | ● | ● | ● | ● | ● | 21.85 | 88.00 | 89.00 | 10.00 | 140.00 | h6 | 40.00 | 1.21 | PVD TiAlCrSiN |
| 462.2-0675-022A1-XM | ● | ● | ● | ● | ● | ● | 22.18 | 88.00 | 89.00 | 10.00 | 140.00 | h6 | 40.00 | 1.23 | PVD TiAlCrSiN |
| 462.2-0680-022A1-XM | ● | ● | ● | ● | ● | ● | 22.34 | 88.00 | 89.00 | 10.00 | 140.00 | h6 | 40.00 | 1.24 | PVD TiAlCrSiN |
| 462.2-0685-022A1-XM | ● | ● | ● | ● | ● | ● | 22.51 | 88.00 | 89.00 | 10.00 | 140.00 | h6 | 40.00 | 1.25 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide step and chamfer drill for multi-materials

Nominal drilling depth 3xD. Internal coolant supply




Common data values

| TCHA |
|---|
| H9 |

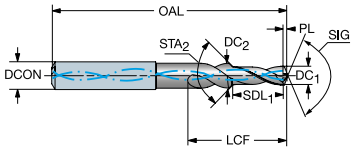
Metric (mm)

| | P | S | H | K | M | N | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **DCON$_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **LCF [mm]** | **PL [mm]** | **COATING** |
| 462.2-0690-022A1-XM | ● | ● | ● | ● | ● | ● | 22.67 | 88.00 | 89.00 | 10.00 | 140.00 | h6 | 40.00 | 1.26 | PVD TiAlCrSiN |
| 462.2-0700-022A1-XM | ● | ● | ● | ● | ● | ● | 23.00 | 88.00 | 89.00 | 10.00 | 140.00 | h6 | 42.00 | 1.27 | PVD TiAlCrSiN |
| 462.2-0725-023A1-XM | ● | ● | ● | ● | ● | ● | 23.82 | 88.00 | 89.00 | 10.00 | 140.00 | h6 | 42.00 | 1.32 | PVD TiAlCrSiN |
| 462.2-0730-023A1-XM | ● | ● | ● | ● | ● | ● | 23.99 | 88.00 | 89.00 | 10.00 | 140.00 | h6 | 42.00 | 1.33 | PVD TiAlCrSiN |
| 462.2-0740-024A1-XM | ● | ● | ● | ● | ● | ● | 24.31 | 88.00 | 89.00 | 10.00 | 140.00 | h6 | 42.00 | 1.35 | PVD TiAlCrSiN |
| 462.2-0800-026A1-XM | ● | ● | ● | ● | ● | ● | 26.28 | 101.00 | 102.00 | 12.00 | 140.00 | h6 | 44.00 | 1.46 | PVD TiAlCrSiN |
| 462.2-0825-027A1-XM | ● | ● | ● | ● | ● | ● | 27.11 | 101.00 | 102.00 | 12.00 | 140.00 | h6 | 46.00 | 1.50 | PVD TiAlCrSiN |
| 462.2-0840-027A1-XM | ● | ● | ● | ● | ● | ● | 27.60 | 101.00 | 102.00 | 12.00 | 140.00 | h6 | 46.00 | 1.53 | PVD TiAlCrSiN |
| 462.2-0850-027A1-XM | ● | ● | ● | ● | ● | ● | 27.93 | 101.00 | 102.00 | 12.00 | 140.00 | h6 | 48.00 | 1.55 | PVD TiAlCrSiN |
| 462.2-0855-028A1-XM | ● | ● | ● | ● | ● | ● | 28.09 | 101.00 | 102.00 | 12.00 | 140.00 | h6 | 48.00 | 1.56 | PVD TiAlCrSiN |
| 462.2-0860-028A1-XM | ● | ● | ● | ● | ● | ● | 28.26 | 101.00 | 102.00 | 12.00 | 140.00 | h6 | 48.00 | 1.57 | PVD TiAlCrSiN |
| 462.2-0865-028A1-XM | ● | ● | ● | ● | ● | ● | 28.42 | 101.00 | 102.00 | 12.00 | 140.00 | h6 | 48.00 | 1.57 | PVD TiAlCrSiN |
| 462.2-0870-028A1-XM | ● | ● | ● | ● | ● | ● | 28.59 | 101.00 | 102.00 | 12.00 | 140.00 | h6 | 48.00 | 1.58 | PVD TiAlCrSiN |
| 462.2-0880-028A1-XM | ● | ● | ● | ● | ● | ● | 28.91 | 101.00 | 102.00 | 12.00 | 140.00 | h6 | 50.00 | 1.60 | PVD TiAlCrSiN |
| 462.2-0885-029A1-XM | ● | ● | ● | ● | ● | ● | 29.08 | 101.00 | 102.00 | 12.00 | 140.00 | h6 | 50.00 | 1.61 | PVD TiAlCrSiN |
| 462.2-0900-029A1-XM | ● | ● | ● | ● | ● | ● | 29.57 | 106.00 | 107.00 | 12.00 | 140.00 | h8 | 50.00 | 1.64 | PVD TiAlCrSiN |
| 462.2-0925-030A1-XM | ● | ● | ● | ● | ● | ● | 30.39 | 106.00 | 107.00 | 14.00 | 140.00 | h6 | 52.00 | 1.68 | PVD TiAlCrSiN |
| 462.2-0930-030A1-XM | ● | ● | ● | ● | ● | ● | 30.56 | 106.00 | 107.00 | 14.00 | 140.00 | h6 | 52.00 | 1.69 | PVD TiAlCrSiN |
| 462.2-0940-030A1-XM | ● | ● | ● | ● | ● | ● | 30.89 | 106.00 | 107.00 | 14.00 | 140.00 | h6 | 52.00 | 1.71 | PVD TiAlCrSiN |
| 462.2-0950-031A1-XM | ● | ● | ● | ● | ● | ● | 31.22 | 106.00 | 107.00 | 14.00 | 140.00 | h6 | 52.00 | 1.73 | PVD TiAlCrSiN |
| 462.2-0955-031A1-XM | ● | ● | ● | ● | ● | ● | 31.38 | 106.00 | 107.00 | 14.00 | 140.00 | h6 | 54.00 | 1.74 | PVD TiAlCrSiN |
| 462.2-0965-031A1-XM | ● | ● | ● | ● | ● | ● | 31.71 | 106.00 | 107.00 | 14.00 | 140.00 | h6 | 54.00 | 1.76 | PVD TiAlCrSiN |
| 462.2-0980-032A1-XM | ● | ● | ● | ● | ● | ● | 32.20 | 106.00 | 107.00 | 14.00 | 140.00 | h6 | 54.00 | 1.78 | PVD TiAlCrSiN |
| 462.2-1000-032A1-XM | ● | ● | ● | ● | ● | ● | 32.86 | 106.00 | 107.00 | 14.00 | 140.00 | h6 | 56.00 | 1.82 | PVD TiAlCrSiN |
| 462.2-1020-033A1-XM | ● | ● | ● | ● | ● | ● | 33.51 | 106.00 | 107.00 | 14.00 | 140.00 | h6 | 56.00 | 1.86 | PVD TiAlCrSiN |
| 462.2-1025-033A1-XM | ● | ● | ● | ● | ● | ● | 33.68 | 106.00 | 107.00 | 14.00 | 140.00 | h6 | 56.00 | 1.87 | PVD TiAlCrSiN |
| 462.2-1030-033A1-XM | ● | ● | ● | ● | ● | ● | 33.84 | 106.00 | 107.00 | 14.00 | 140.00 | h6 | 58.00 | 1.87 | PVD TiAlCrSiN |
| 462.2-1100-036A1-XM | ● | ● | ● | ● | ● | ● | 36.14 | 113.00 | 115.00 | 16.00 | 140.00 | h6 | 60.00 | 2.00 | PVD TiAlCrSiN |
| 462.2-1120-036A1-XM | ● | ● | ● | ● | ● | ● | 36.80 | 113.00 | 115.00 | 16.00 | 140.00 | h6 | 62.00 | 2.04 | PVD TiAlCrSiN |
| 462.2-1130-037A1-XM | ● | ● | ● | ● | ● | ● | 37.13 | 113.00 | 115.00 | 16.00 | 140.00 | h6 | 62.00 | 2.06 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide step and chamfer drill for multi-materials

Nominal drilling depth 3xD. Internal coolant supply




Common data values

| TCHA |
|---|
| H9 |

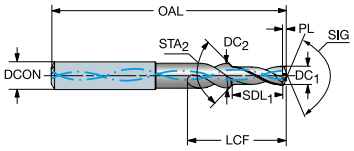
Metric (mm)

| | P | S | H | K | M | N | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **LCF [mm]** | **PL [mm]** | **COATING** |
| 462.2-1140-037A1-XM | ● | ● | ● | ● | ● | ● | 37.46 | 113.00 | 115.00 | 16.00 | 140.00 | h6 | 62.00 | 2.07 | PVD TiAlCrSiN |
| 462.2-1150-037A1-XM | ● | ● | ● | ● | ● | ● | 37.79 | 113.00 | 115.00 | 16.00 | 140.00 | h6 | 64.00 | 2.09 | PVD TiAlCrSiN |
| 462.2-1155-037A1-XM | ● | ● | ● | ● | ● | ● | 37.95 | 113.00 | 115.00 | 16.00 | 140.00 | h6 | 64.00 | 2.10 | PVD TiAlCrSiN |
| 462.2-1180-038A1-XM | ● | ● | ● | ● | ● | ● | 38.77 | 113.00 | 115.00 | 16.00 | 140.00 | h6 | 64.00 | 2.15 | PVD TiAlCrSiN |
| 462.2-1217-039A1-XM | ● | ● | ● | ● | ● | ● | 39.81 | 121.00 | 123.00 | 18.00 | 140.00 | h6 | 66.00 | 2.21 | PVD TiAlCrSiN |
| 462.2-1220-040A1-XM | ● | ● | ● | ● | ● | ● | 40.08 | 121.00 | 123.00 | 18.00 | 140.00 | h6 | 68.00 | 2.22 | PVD TiAlCrSiN |
| 462.2-1225-040A1-XM | ● | ● | ● | ● | ● | ● | 40.25 | 121.00 | 123.00 | 18.00 | 140.00 | h6 | 68.00 | 2.23 | PVD TiAlCrSiN |
| 462.2-1250-041A1-XM | ● | ● | ● | ● | ● | ● | 41.07 | 121.00 | 123.00 | 18.00 | 140.00 | h6 | 68.00 | 2.27 | PVD TiAlCrSiN |
| 462.2-1275-041A1-XM | ● | ● | ● | ● | ● | ● | 41.89 | 121.00 | 123.00 | 18.00 | 140.00 | h6 | 70.00 | 2.32 | PVD TiAlCrSiN |
| 462.2-1290-042A1-XM | ● | ● | ● | ● | ● | ● | 42.39 | 121.00 | 123.00 | 18.00 | 140.00 | h6 | 70.00 | 2.35 | PVD TiAlCrSiN |
| 462.2-1300-042A1-XM | ● | ● | ● | ● | ● | ● | 42.71 | 121.00 | 123.00 | 18.00 | 140.00 | h6 | 72.00 | 2.37 | PVD TiAlCrSiN |
| 462.2-1310-043A1-XM | ● | ● | ● | ● | ● | ● | 43.04 | 121.00 | 123.00 | 18.00 | 140.00 | h6 | 72.00 | 2.38 | PVD TiAlCrSiN |
| 462.2-1330-043A1-XM | ● | ● | ● | ● | ● | ● | 43.70 | 121.00 | 123.00 | 18.00 | 140.00 | h6 | 72.00 | 2.42 | PVD TiAlCrSiN |
| 462.2-1400-045A1-XM | ● | ● | ● | ● | ● | ● | 46.00 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 76.00 | 2.55 | PVD TiAlCrSiN |
| 462.2-1410-046A1-XM | ● | ● | ● | ● | ● | ● | 46.33 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 78.00 | 2.57 | PVD TiAlCrSiN |
| 462.2-1420-046A1-XM | ● | ● | ● | ● | ● | ● | 46.65 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 78.00 | 2.58 | PVD TiAlCrSiN |
| 462.2-1425-046A1-XM | ● | ● | ● | ● | ● | ● | 46.82 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 78.00 | 2.59 | PVD TiAlCrSiN |
| 462.2-1430-046A1-XM | ● | ● | ● | ● | ● | ● | 46.99 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 78.00 | 2.60 | PVD TiAlCrSiN |
| 462.2-1446-047A1-XM | ● | ● | ● | ● | ● | ● | 47.51 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 80.00 | 2.63 | PVD TiAlCrSiN |
| 462.2-1450-047A1-XM | ● | ● | ● | ● | ● | ● | 47.64 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 80.00 | 2.64 | PVD TiAlCrSiN |
| 462.2-1455-047A1-XM | ● | ● | ● | ● | ● | ● | 47.80 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 80.00 | 2.65 | PVD TiAlCrSiN |
| 462.2-1480-048A1-XM | ● | ● | ● | ● | ● | ● | 48.63 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 82.00 | 2.69 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide step and chamfer drill for multi-materials

Nominal drilling depth up to 6xD. Internal coolant supply




Common data values

| TCHA |
|---|
| H9 |

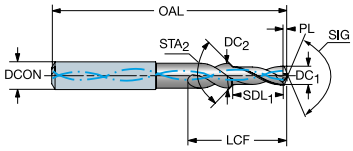
Metric (mm)

| | P | S | H | K | M | N | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **DCON$_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **LCF [mm]** | **PL [mm]** | **COATING** |
| 462.2-0450-014A1-XM | ● | ● | ● | ● | ● | ● | 14.76 | 65.00 | 66.00 | 6.00 | 140.00 | h6 | 28.00 | 0.82 | PVD TiAlCrSiN |
| 462.2-0595-019A1-XM | ● | ● | ● | ● | ● | ● | 19.54 | 78.00 | 79.00 | 8.00 | 140.00 | h6 | 36.00 | 1.08 | PVD TiAlCrSiN |
| 462.2-0600-019A1-XM | ● | ● | ● | ● | ● | ● | 19.67 | 78.00 | 79.00 | 8.00 | 140.00 | h6 | 36.00 | 1.09 | PVD TiAlCrSiN |
| 462.2-0745-024A1-XM | ● | ● | ● | ● | ● | ● | 24.45 | 88.00 | 89.00 | 10.00 | 140.00 | h6 | 42.00 | 1.36 | PVD TiAlCrSiN |
| 462.2-0755-024A1-XM | ● | ● | ● | ● | ● | ● | 24.73 | 88.00 | 89.00 | 12.00 | 140.00 | h6 | 42.00 | 1.37 | PVD TiAlCrSiN |
| 462.2-0765-025A1-XM | ● | ● | ● | ● | ● | ● | 25.00 | 88.00 | 89.00 | 12.00 | 140.00 | h6 | 42.00 | 1.39 | PVD TiAlCrSiN |
| 462.2-0775-025A1-XM | ● | ● | ● | ● | ● | ● | 25.28 | 88.00 | 89.00 | 12.00 | 140.00 | h6 | 42.00 | 1.41 | PVD TiAlCrSiN |
| 462.2-0905-029A1-XM | ● | ● | ● | ● | ● | ● | 29.65 | 106.00 | 107.00 | 14.00 | 140.00 | h6 | 50.00 | 1.65 | PVD TiAlCrSiN |
| 462.2-1040-034A1-XM | ● | ● | ● | ● | ● | ● | 34.15 | 105.00 | 107.00 | 14.00 | 140.00 | h6 | 58.00 | 1.89 | PVD TiAlCrSiN |
| 462.2-1050-034A1-XM | ● | ● | ● | ● | ● | ● | 34.43 | 105.00 | 107.00 | 16.00 | 140.00 | h6 | 58.00 | 1.91 | PVD TiAlCrSiN |
| 462.2-1055-034A1-XM | ● | ● | ● | ● | ● | ● | 34.57 | 105.00 | 107.00 | 16.00 | 140.00 | h6 | 58.00 | 1.92 | PVD TiAlCrSiN |
| 462.2-1065-034A1-XM | ● | ● | ● | ● | ● | ● | 34.84 | 105.00 | 107.00 | 16.00 | 140.00 | h6 | 58.00 | 1.94 | PVD TiAlCrSiN |
| 462.2-1075-035A1-XM | ● | ● | ● | ● | ● | ● | 35.12 | 105.00 | 107.00 | 16.00 | 140.00 | h6 | 58.00 | 1.96 | PVD TiAlCrSiN |
| 462.2-1080-035A1-XM | ● | ● | ● | ● | ● | ● | 35.25 | 105.00 | 107.00 | 16.00 | 140.00 | h6 | 58.00 | 1.97 | PVD TiAlCrSiN |
| 462.2-1200-039A1-XM | ● | ● | ● | ● | ● | ● | 39.35 | 113.00 | 115.00 | 16.00 | 140.00 | h6 | 64.00 | 2.18 | PVD TiAlCrSiN |
| 462.2-1210-039A1-XM | ● | ● | ● | ● | ● | ● | 39.76 | 121.00 | 123.00 | 16.00 | 140.00 | h8 | 66.00 | 2.20 | PVD TiAlCrSiN |
| 462.2-1340-043A1-XM | ● | ● | ● | ● | ● | ● | 43.99 | 121.00 | 123.00 | 18.00 | 140.00 | h6 | 72.00 | 2.44 | PVD TiAlCrSiN |
| 462.2-1350-044A1-XM | ● | ● | ● | ● | ● | ● | 44.26 | 121.00 | 123.00 | 20.00 | 140.00 | h6 | 72.00 | 2.46 | PVD TiAlCrSiN |
| 462.2-1355-044A1-XM | ● | ● | ● | ● | ● | ● | 44.40 | 121.00 | 123.00 | 20.00 | 140.00 | h6 | 72.00 | 2.47 | PVD TiAlCrSiN |
| 462.2-1365-044A1-XM | ● | ● | ● | ● | ● | ● | 44.68 | 121.00 | 123.00 | 20.00 | 140.00 | h6 | 72.00 | 2.48 | PVD TiAlCrSiN |
| 462.2-1500-049A1-XM | ● | ● | ● | ● | ● | ● | 49.18 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 82.00 | 2.73 | PVD TiAlCrSiN |
| 462.2-1510-049A1-XM | ● | ● | ● | ● | ● | ● | 49.46 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 82.00 | 2.75 | PVD TiAlCrSiN |
| 462.2-1525-049A1-XM | ● | ● | ● | ● | ● | ● | 49.87 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 82.00 | 2.78 | PVD TiAlCrSiN |
| 462.2-1530-050A1-XM | ● | ● | ● | ● | ● | ● | 50.01 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 82.00 | 2.78 | PVD TiAlCrSiN |
| 462.2-1550-050A1-XM | ● | ● | ● | ● | ● | ● | 50.56 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 84.00 | 2.82 | PVD TiAlCrSiN |
| 462.2-1555-050A1-XM | ● | ● | ● | ● | ● | ● | 50.69 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 84.00 | 2.83 | PVD TiAlCrSiN |
| 462.2-1560-050A1-XM | ● | ● | ● | ● | ● | ● | 50.83 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 84.00 | 2.84 | PVD TiAlCrSiN |
| 462.2-1570-051A1-XM | ● | ● | ● | ● | ● | ● | 51.11 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 84.00 | 2.86 | PVD TiAlCrSiN |
| 462.2-1600-051A1-XM | ● | ● | ● | ● | ● | ● | 51.93 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 84.00 | 2.91 | PVD TiAlCrSiN |
| 462.2-1650-053A1-XM | ● | ● | ● | ● | ● | ● | 53.30 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 86.00 | 3.00 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide step and chamfer drill for multi-materials

Nominal drilling depth up to 6xD. Internal coolant supply




Common data values

| TCHA |
|---|
| H9 |

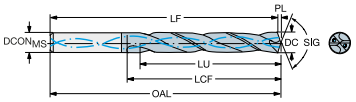
Metric (mm)

| | P | S | H | K | M | N | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **DCON$_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **LCF [mm]** | **PL [mm]** | **COATING** |
| 462.2-1651-053A1-XM | ● | ● | ● | ● | ● | ● | 53.33 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 86.00 | 3.00 | PVD TiAlCrSiN |
| 462.2-1700-054A1-XM | ● | ● | ● | ● | ● | ● | 54.67 | 140.00 | 142.00 | 20.00 | 140.00 | h6 | 86.00 | 3.09 | PVD TiAlCrSiN |
| 462.2-1746-055A1-XM | ● | ● | ● | ● | ● | ● | 55.94 | 139.00 | 142.00 | 20.00 | 140.00 | h6 | 88.00 | 3.18 | PVD TiAlCrSiN |
| 462.2-1750-056A1-XM | ● | ● | ● | ● | ● | ● | 56.05 | 139.00 | 142.00 | 20.00 | 140.00 | h6 | 88.00 | 3.18 | PVD TiAlCrSiN |
| 462.2-1800-057A1-XM | ● | ● | ● | ● | ● | ● | 57.42 | 139.00 | 142.00 | 20.00 | 140.00 | h6 | 90.00 | 3.28 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

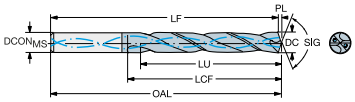
Metric (mm)

| | P | S | H | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0300-009A1-XM | ● | ● | ● | ● | ● | ● | 3.00 | 9.44 | 61.56 | 62.00 | 6.00 | 140.00 | 20.00 | 0.55 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0305-009A1-XM | ● | ● | ● | ● | ● | ● | 3.05 | 9.59 | 61.56 | 62.00 | 6.00 | 140.00 | 20.00 | 0.56 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0310-009A1-XM | ● | ● | ● | ● | ● | ● | 3.10 | 9.75 | 61.55 | 62.00 | 6.00 | 140.00 | 20.00 | 0.56 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0315-009A1-XM | ● | ● | ● | ● | ● | ● | 3.15 | 9.91 | 61.54 | 62.00 | 6.00 | 140.00 | 20.00 | 0.57 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0318-010A1-XM | ● | ● | ● | ● | ● | ● | 3.17 | 10.00 | 61.54 | 62.00 | 6.00 | 140.00 | 20.00 | 0.58 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0320-010A1-XM | ● | ● | ● | ● | ● | ● | 3.20 | 10.07 | 61.53 | 62.00 | 6.00 | 140.00 | 20.00 | 0.58 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0326-010A1-XM | ● | ● | ● | ● | ● | ● | 3.26 | 10.25 | 61.53 | 62.00 | 6.00 | 140.00 | 20.00 | 0.59 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0330-010A1-XM | ● | ● | ● | ● | ● | ● | 3.30 | 10.38 | 61.52 | 62.00 | 6.00 | 140.00 | 20.00 | 0.60 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0335-010A1-XM | ● | ● | ● | ● | ● | ● | 3.35 | 10.54 | 61.51 | 62.00 | 6.00 | 140.00 | 20.00 | 0.61 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0338-010A1-XM | ● | ● | ● | ● | ● | ● | 3.38 | 10.63 | 61.51 | 62.00 | 6.00 | 140.00 | 20.00 | 0.62 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0340-010A1-XM | ● | ● | ● | ● | ● | ● | 3.40 | 10.69 | 61.51 | 62.00 | 6.00 | 140.00 | 20.00 | 0.62 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0345-010A1-XM | ● | ● | ● | ● | ● | ● | 3.45 | 10.85 | 61.50 | 62.00 | 6.00 | 140.00 | 20.00 | 0.63 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0350-011A1-XM | ● | ● | ● | ● | ● | ● | 3.50 | 11.01 | 61.49 | 62.00 | 6.00 | 140.00 | 20.00 | 0.64 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0357-011A1-XM | ● | ● | ● | ● | ● | ● | 3.57 | 11.23 | 61.48 | 62.00 | 6.00 | 140.00 | 20.00 | 0.65 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0360-011A1-XM | ● | ● | ● | ● | ● | ● | 3.60 | 11.32 | 61.48 | 62.00 | 6.00 | 140.00 | 20.00 | 0.66 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0366-011A1-XM | ● | ● | ● | ● | ● | ● | 3.66 | 11.51 | 61.47 | 62.00 | 6.00 | 140.00 | 20.00 | 0.67 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0370-011A1-XM | ● | ● | ● | ● | ● | ● | 3.70 | 11.64 | 61.46 | 62.00 | 6.00 | 140.00 | 20.00 | 0.67 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0373-011A1-XM | ● | ● | ● | ● | ● | ● | 3.73 | 11.73 | 61.46 | 62.00 | 6.00 | 140.00 | 20.00 | 0.68 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0380-011A1-XM | ● | ● | ● | ● | ● | ● | 3.80 | 11.95 | 65.45 | 66.00 | 6.00 | 140.00 | 24.00 | 0.69 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0386-011A1-XM | ● | ● | ● | ● | ● | ● | 3.86 | 12.14 | 65.44 | 66.00 | 6.00 | 140.00 | 24.00 | 0.70 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0390-012A1-XM | ● | ● | ● | ● | ● | ● | 3.90 | 12.27 | 65.43 | 66.00 | 6.00 | 140.00 | 24.00 | 0.71 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0391-012A1-XM | ● | ● | ● | ● | ● | ● | 3.91 | 12.30 | 65.43 | 66.00 | 6.00 | 140.00 | 24.00 | 0.71 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0397-012A1-XM | ● | ● | ● | ● | ● | ● | 3.97 | 12.49 | 65.42 | 66.00 | 6.00 | 140.00 | 24.00 | 0.72 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0399-012A1-XM | ● | ● | ● | ● | ● | ● | 3.99 | 12.55 | 65.42 | 66.00 | 6.00 | 140.00 | 24.00 | 0.73 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0400-012A1-XM | ● | ● | ● | ● | ● | ● | 4.00 | 12.58 | 65.42 | 66.00 | 6.00 | 140.00 | 24.00 | 0.73 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0404-012A1-XM | ● | ● | ● | ● | ● | ● | 4.04 | 12.71 | 65.41 | 66.00 | 6.00 | 140.00 | 24.00 | 0.74 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0405-012A1-XM | ● | ● | ● | ● | ● | ● | 4.05 | 12.74 | 65.41 | 66.00 | 6.00 | 140.00 | 24.00 | 0.74 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0409-012A1-XM | ● | ● | ● | ● | ● | ● | 4.09 | 12.87 | 65.40 | 66.00 | 6.00 | 140.00 | 24.00 | 0.74 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0410-012A1-XM | ● | ● | ● | ● | ● | ● | 4.10 | 12.90 | 65.40 | 66.00 | 6.00 | 140.00 | 24.00 | 0.75 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0415-012A1-XM | ● | ● | ● | ● | ● | ● | 4.15 | 13.05 | 65.40 | 66.00 | 6.00 | 140.00 | 24.00 | 0.76 | 3.14 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

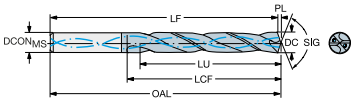
Metric (mm)

| | P | S | H | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0420-013A1-XM | ● | ● | ● | ● | ● | ● | 4.20 | 13.21 | 65.39 | 66.00 | 6.00 | 140.00 | 24.00 | 0.76 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0422-013A1-XM | ● | ● | ● | ● | ● | ● | 4.22 | 13.27 | 65.39 | 66.00 | 6.00 | 140.00 | 24.00 | 0.77 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0425-013A1-XM | ● | ● | ● | ● | ● | ● | 4.25 | 13.37 | 65.38 | 66.00 | 6.00 | 140.00 | 24.00 | 0.77 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0430-013A1-XM | ● | ● | ● | ● | ● | ● | 4.30 | 13.53 | 65.37 | 66.00 | 6.00 | 140.00 | 24.00 | 0.78 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0431-013A1-XM | ● | ● | ● | ● | ● | ● | 4.30 | 13.56 | 65.37 | 66.00 | 6.00 | 140.00 | 24.00 | 0.78 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0435-013A1-XM | ● | ● | ● | ● | ● | ● | 4.35 | 13.68 | 65.37 | 66.00 | 6.00 | 140.00 | 24.00 | 0.79 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0437-013A1-XM | ● | ● | ● | ● | ● | ● | 4.37 | 13.75 | 65.36 | 66.00 | 6.00 | 140.00 | 24.00 | 0.79 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0439-013A1-XM | ● | ● | ● | ● | ● | ● | 4.39 | 13.81 | 65.36 | 66.00 | 6.00 | 140.00 | 24.00 | 0.80 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0440-013A1-XM | ● | ● | ● | ● | ● | ● | 4.40 | 13.84 | 65.36 | 66.00 | 6.00 | 140.00 | 24.00 | 0.80 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0445-013A1-XM | ● | ● | ● | ● | ● | ● | 4.45 | 14.00 | 65.35 | 66.00 | 6.00 | 140.00 | 24.00 | 0.81 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0450-014A1-XM | ● | ● | ● | ● | ● | ● | 4.50 | 14.16 | 65.35 | 66.00 | 6.00 | 140.00 | 24.00 | 0.82 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0457-014A1-XM | ● | ● | ● | ● | ● | ● | 4.57 | 14.38 | 65.33 | 66.00 | 6.00 | 140.00 | 24.00 | 0.83 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0460-014A1-XM | ● | ● | ● | ● | ● | ● | 4.60 | 14.47 | 65.33 | 66.00 | 6.00 | 140.00 | 24.00 | 0.84 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0462-014A1-XM | ● | ● | ● | ● | ● | ● | 4.62 | 14.53 | 65.33 | 66.00 | 6.00 | 140.00 | 24.00 | 0.84 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0470-014A1-XM | ● | ● | ● | ● | ● | ● | 4.70 | 14.78 | 65.32 | 66.00 | 6.00 | 140.00 | 24.00 | 0.86 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0476-014A1-XM | ● | ● | ● | ● | ● | ● | 4.76 | 14.97 | 65.31 | 66.00 | 6.00 | 140.00 | 28.00 | 0.87 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0480-014A1-XM | ● | ● | ● | ● | ● | ● | 4.80 | 15.10 | 65.30 | 66.00 | 6.00 | 140.00 | 28.00 | 0.87 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0485-014A1-XM | ● | ● | ● | ● | ● | ● | 4.85 | 15.26 | 65.29 | 66.00 | 6.00 | 140.00 | 28.00 | 0.88 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0490-015A1-XM | ● | ● | ● | ● | ● | ● | 4.90 | 15.41 | 65.29 | 66.00 | 6.00 | 140.00 | 28.00 | 0.89 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0492-015A1-XM | ● | ● | ● | ● | ● | ● | 4.91 | 15.48 | 65.28 | 66.00 | 6.00 | 140.00 | 28.00 | 0.90 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0498-015A1-XM | ● | ● | ● | ● | ● | ● | 4.98 | 15.67 | 65.28 | 66.00 | 6.00 | 140.00 | 28.00 | 0.91 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0500-015A1-XM | ● | ● | ● | ● | ● | ● | 5.00 | 15.73 | 65.27 | 66.00 | 6.00 | 140.00 | 28.00 | 0.91 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0505-015A1-XM | ● | ● | ● | ● | ● | ● | 5.05 | 15.89 | 65.26 | 66.00 | 6.00 | 140.00 | 28.00 | 0.92 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0506-015A1-XM | ● | ● | ● | ● | ● | ● | 5.05 | 15.92 | 65.26 | 66.00 | 6.00 | 140.00 | 28.00 | 0.92 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0510-015A1-XM | ● | ● | ● | ● | ● | ● | 5.10 | 16.04 | 65.26 | 66.00 | 6.00 | 140.00 | 28.00 | 0.93 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0511-015A1-XM | ● | ● | ● | ● | ● | ● | 5.11 | 16.07 | 65.26 | 66.00 | 6.00 | 140.00 | 28.00 | 0.93 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0516-016A1-XM | ● | ● | ● | ● | ● | ● | 5.16 | 16.23 | 65.25 | 66.00 | 6.00 | 140.00 | 28.00 | 0.94 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0518-016A1-XM | ● | ● | ● | ● | ● | ● | 5.18 | 16.29 | 65.25 | 66.00 | 6.00 | 140.00 | 28.00 | 0.94 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0520-016A1-XM | ● | ● | ● | ● | ● | ● | 5.20 | 16.36 | 65.24 | 66.00 | 6.00 | 140.00 | 28.00 | 0.95 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0522-016A1-XM | ● | ● | ● | ● | ● | ● | 5.22 | 16.42 | 65.24 | 66.00 | 6.00 | 140.00 | 28.00 | 0.95 | 3.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

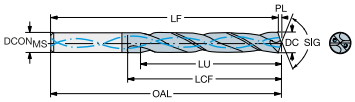
Metric (mm)

| | P | S | H | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0525-016A1-XM | ● | ● | ● | ● | ● | ● | 5.25 | 16.51 | 65.24 | 66.00 | 6.00 | 140.00 | 28.00 | 0.96 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0530-016A1-XM | ● | ● | ● | ● | ● | ● | 5.30 | 16.67 | 65.23 | 66.00 | 6.00 | 140.00 | 28.00 | 0.96 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0540-016A1-XM | ● | ● | ● | ● | ● | ● | 5.40 | 16.99 | 65.21 | 66.00 | 6.00 | 140.00 | 28.00 | 0.98 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0550-017A1-XM | ● | ● | ● | ● | ● | ● | 5.50 | 17.30 | 65.20 | 66.00 | 6.00 | 140.00 | 28.00 | 1.00 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0556-017A1-XM | ● | ● | ● | ● | ● | ● | 5.56 | 17.49 | 65.19 | 66.00 | 6.00 | 140.00 | 28.00 | 1.01 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0560-017A1-XM | ● | ● | ● | ● | ● | ● | 5.60 | 17.62 | 65.18 | 66.00 | 6.00 | 140.00 | 28.00 | 1.02 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0561-017A1-XM | ● | ● | ● | ● | ● | ● | 5.61 | 17.65 | 65.18 | 66.00 | 6.00 | 140.00 | 28.00 | 1.02 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0565-017A1-XM | ● | ● | ● | ● | ● | ● | 5.65 | 17.77 | 65.18 | 66.00 | 6.00 | 140.00 | 28.00 | 1.03 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0570-017A1-XM | ● | ● | ● | ● | ● | ● | 5.70 | 17.93 | 65.17 | 66.00 | 6.00 | 140.00 | 28.00 | 1.04 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0575-017A1-XM | ● | ● | ● | ● | ● | ● | 5.75 | 18.09 | 65.16 | 66.00 | 6.00 | 140.00 | 28.00 | 1.05 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0579-017A1-XM | ● | ● | ● | ● | ● | ● | 5.79 | 18.21 | 65.16 | 66.00 | 6.00 | 140.00 | 28.00 | 1.05 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0580-017A1-XM | ● | ● | ● | ● | ● | ● | 5.80 | 18.24 | 65.16 | 66.00 | 6.00 | 140.00 | 28.00 | 1.06 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0590-017A1-XM | ● | ● | ● | ● | ● | ● | 5.90 | 18.56 | 65.14 | 66.00 | 6.00 | 140.00 | 28.00 | 1.07 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0594-017A1-XM | ● | ● | ● | ● | ● | ● | 5.94 | 18.68 | 65.14 | 66.00 | 6.00 | 140.00 | 28.00 | 1.08 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0595-018A1-XM | ● | ● | ● | ● | ● | ● | 5.95 | 18.72 | 65.13 | 66.00 | 6.00 | 140.00 | 28.00 | 1.08 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0605-018A1-XM | ● | ● | ● | ● | ● | ● | 6.05 | 19.03 | 78.12 | 79.00 | 8.00 | 140.00 | 34.00 | 1.10 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0610-018A1-XM | ● | ● | ● | ● | ● | ● | 6.10 | 19.19 | 78.11 | 79.00 | 8.00 | 140.00 | 34.00 | 1.11 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0615-018A1-XM | ● | ● | ● | ● | ● | ● | 6.15 | 19.35 | 78.11 | 79.00 | 8.00 | 140.00 | 34.00 | 1.12 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0620-019A1-XM | ● | ● | ● | ● | ● | ● | 6.20 | 19.50 | 78.10 | 79.00 | 8.00 | 140.00 | 34.00 | 1.13 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0625-019A1-XM | ● | ● | ● | ● | ● | ● | 6.25 | 19.66 | 78.09 | 79.00 | 8.00 | 140.00 | 34.00 | 1.14 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0630-019A1-XM | ● | ● | ● | ● | ● | ● | 6.30 | 19.82 | 78.08 | 79.00 | 8.00 | 140.00 | 34.00 | 1.15 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0635-019A1-XM | ● | ● | ● | ● | ● | ● | 6.35 | 19.97 | 78.08 | 79.00 | 8.00 | 140.00 | 34.00 | 1.16 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0640-019A1-XM | ● | ● | ● | ● | ● | ● | 6.40 | 20.13 | 78.07 | 79.00 | 8.00 | 140.00 | 34.00 | 1.16 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0650-020A1-XM | ● | ● | ● | ● | ● | ● | 6.50 | 20.45 | 78.05 | 79.00 | 8.00 | 140.00 | 34.00 | 1.18 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0653-020A1-XM | ● | ● | ● | ● | ● | ● | 6.53 | 20.54 | 78.05 | 79.00 | 8.00 | 140.00 | 34.00 | 1.19 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0660-020A1-XM | ● | ● | ● | ● | ● | ● | 6.60 | 20.76 | 78.04 | 79.00 | 8.00 | 140.00 | 34.00 | 1.20 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0663-020A1-XM | ● | ● | ● | ● | ● | ● | 6.63 | 20.86 | 78.04 | 79.00 | 8.00 | 140.00 | 34.00 | 1.21 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0670-020A1-XM | ● | ● | ● | ● | ● | ● | 6.70 | 21.08 | 78.03 | 79.00 | 8.00 | 140.00 | 34.00 | 1.22 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0675-020A1-XM | ● | ● | ● | ● | ● | ● | 6.75 | 21.23 | 78.02 | 79.00 | 8.00 | 140.00 | 34.00 | 1.23 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0676-020A1-XM | ● | ● | ● | ● | ● | ● | 6.76 | 21.26 | 78.02 | 79.00 | 8.00 | 140.00 | 34.00 | 1.23 | 3.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

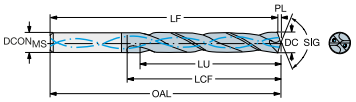
Metric (mm)

| | P | S | H | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0680-020A1-XM | ● | ● | ● | ● | ● | ● | 6.80 | 21.39 | 78.01 | 79.00 | 8.00 | 140.00 | 34.00 | 1.24 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0685-020A1-XM | ● | ● | ● | ● | ● | ● | 6.85 | 21.55 | 78.00 | 79.00 | 8.00 | 140.00 | 34.00 | 1.25 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0690-021A1-XM | ● | ● | ● | ● | ● | ● | 6.90 | 21.70 | 78.00 | 79.00 | 8.00 | 140.00 | 34.00 | 1.26 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0691-021A1-XM | ● | ● | ● | ● | ● | ● | 6.91 | 21.74 | 77.99 | 79.00 | 8.00 | 140.00 | 34.00 | 1.26 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0700-021A1-XM | ● | ● | ● | ● | ● | ● | 7.00 | 22.02 | 77.98 | 79.00 | 8.00 | 140.00 | 34.00 | 1.27 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0704-021A1-XM | ● | ● | ● | ● | ● | ● | 7.04 | 22.14 | 77.97 | 79.00 | 8.00 | 140.00 | 41.00 | 1.28 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0710-021A1-XM | ● | ● | ● | ● | ● | ● | 7.10 | 22.33 | 77.97 | 79.00 | 8.00 | 140.00 | 41.00 | 1.29 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0714-021A1-XM | ● | ● | ● | ● | ● | ● | 7.14 | 22.46 | 77.96 | 79.00 | 8.00 | 140.00 | 41.00 | 1.30 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0720-021A1-XM | ● | ● | ● | ● | ● | ● | 7.20 | 22.65 | 77.95 | 79.00 | 8.00 | 140.00 | 41.00 | 1.31 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0725-021A1-XM | ● | ● | ● | ● | ● | ● | 7.25 | 22.81 | 77.94 | 79.00 | 8.00 | 140.00 | 41.00 | 1.32 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0730-022A1-XM | ● | ● | ● | ● | ● | ● | 7.30 | 22.96 | 77.94 | 79.00 | 8.00 | 140.00 | 41.00 | 1.33 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0737-022A1-XM | ● | ● | ● | ● | ● | ● | 7.37 | 23.18 | 77.93 | 79.00 | 8.00 | 140.00 | 41.00 | 1.34 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0740-022A1-XM | ● | ● | ● | ● | ● | ● | 7.40 | 23.28 | 77.92 | 79.00 | 8.00 | 140.00 | 41.00 | 1.35 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0745-022A1-XM | ● | ● | ● | ● | ● | ● | 7.45 | 23.43 | 77.92 | 79.00 | 8.00 | 140.00 | 41.00 | 1.36 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0749-022A1-XM | ● | ● | ● | ● | ● | ● | 7.49 | 23.56 | 77.91 | 79.00 | 8.00 | 140.00 | 41.00 | 1.36 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0750-023A1-XM | ● | ● | ● | ● | ● | ● | 7.50 | 23.59 | 77.91 | 79.00 | 8.00 | 140.00 | 41.00 | 1.36 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0754-023A1-XM | ● | ● | ● | ● | ● | ● | 7.54 | 23.72 | 77.90 | 79.00 | 8.00 | 140.00 | 41.00 | 1.37 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0760-023A1-XM | ● | ● | ● | ● | ● | ● | 7.60 | 23.91 | 77.89 | 79.00 | 8.00 | 140.00 | 41.00 | 1.38 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0767-023A1-XM | ● | ● | ● | ● | ● | ● | 7.67 | 24.13 | 77.88 | 79.00 | 8.00 | 140.00 | 41.00 | 1.40 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0770-023A1-XM | ● | ● | ● | ● | ● | ● | 7.70 | 24.22 | 77.88 | 79.00 | 8.00 | 140.00 | 41.00 | 1.40 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0780-023A1-XM | ● | ● | ● | ● | ● | ● | 7.80 | 24.54 | 77.86 | 79.00 | 8.00 | 140.00 | 41.00 | 1.42 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0790-024A1-XM | ● | ● | ● | ● | ● | ● | 7.90 | 24.85 | 77.85 | 79.00 | 8.00 | 140.00 | 41.00 | 1.44 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0794-024A1-XM | ● | ● | ● | ● | ● | ● | 7.94 | 24.98 | 77.84 | 79.00 | 8.00 | 140.00 | 41.00 | 1.44 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0803-024A1-XM | ● | ● | ● | ● | ● | ● | 8.03 | 25.26 | 87.83 | 89.00 | 10.00 | 140.00 | 47.00 | 1.46 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0805-024A1-XM | ● | ● | ● | ● | ● | ● | 8.05 | 25.32 | 87.83 | 89.00 | 10.00 | 140.00 | 47.00 | 1.46 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0810-024A1-XM | ● | ● | ● | ● | ● | ● | 8.10 | 25.48 | 87.82 | 89.00 | 10.00 | 140.00 | 47.00 | 1.47 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0815-024A1-XM | ● | ● | ● | ● | ● | ● | 8.15 | 25.64 | 87.81 | 89.00 | 10.00 | 140.00 | 47.00 | 1.48 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0820-025A1-XM | ● | ● | ● | ● | ● | ● | 8.20 | 25.79 | 87.81 | 89.00 | 10.00 | 140.00 | 47.00 | 1.49 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0825-025A1-XM | ● | ● | ● | ● | ● | ● | 8.25 | 25.95 | 87.80 | 89.00 | 10.00 | 140.00 | 47.00 | 1.50 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0830-025A1-XM | ● | ● | ● | ● | ● | ● | 8.30 | 26.11 | 87.79 | 89.00 | 10.00 | 140.00 | 47.00 | 1.51 | 3.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

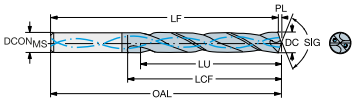
Metric (mm)

| | P | S | H | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0833-025A1-XM | ● | ● | ● | ● | ● | ● | 8.33 | 26.20 | 87.79 | 89.00 | 10.00 | 140.00 | 47.00 | 1.52 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0840-025A1-XM | ● | ● | ● | ● | ● | ● | 8.40 | 26.42 | 87.78 | 89.00 | 10.00 | 140.00 | 47.00 | 1.53 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0843-025A1-XM | ● | ● | ● | ● | ● | ● | 8.43 | 26.52 | 87.77 | 89.00 | 10.00 | 140.00 | 47.00 | 1.53 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0850-026A1-XM | ● | ● | ● | ● | ● | ● | 8.50 | 26.74 | 87.76 | 89.00 | 10.00 | 140.00 | 47.00 | 1.55 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0855-026A1-XM | ● | ● | ● | ● | ● | ● | 8.55 | 26.89 | 87.75 | 89.00 | 10.00 | 140.00 | 47.00 | 1.56 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0860-026A1-XM | ● | ● | ● | ● | ● | ● | 8.60 | 27.05 | 87.75 | 89.00 | 10.00 | 140.00 | 47.00 | 1.57 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0861-026A1-XM | ● | ● | ● | ● | ● | ● | 8.61 | 27.08 | 87.75 | 89.00 | 10.00 | 140.00 | 47.00 | 1.57 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0865-026A1-XM | ● | ● | ● | ● | ● | ● | 8.65 | 27.21 | 87.74 | 89.00 | 10.00 | 140.00 | 47.00 | 1.57 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0870-026A1-XM | ● | ● | ● | ● | ● | ● | 8.70 | 27.37 | 87.73 | 89.00 | 10.00 | 140.00 | 47.00 | 1.58 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0873-026A1-XM | ● | ● | ● | ● | ● | ● | 8.73 | 27.46 | 87.73 | 89.00 | 10.00 | 140.00 | 47.00 | 1.59 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0880-026A1-XM | ● | ● | ● | ● | ● | ● | 8.80 | 27.68 | 87.72 | 89.00 | 10.00 | 140.00 | 47.00 | 1.60 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0884-026A1-XM | ● | ● | ● | ● | ● | ● | 8.84 | 27.81 | 87.71 | 89.00 | 10.00 | 140.00 | 47.00 | 1.61 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0890-027A1-XM | ● | ● | ● | ● | ● | ● | 8.90 | 28.00 | 87.70 | 89.00 | 10.00 | 140.00 | 47.00 | 1.62 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0900-027A1-XM | ● | ● | ● | ● | ● | ● | 9.00 | 28.31 | 87.69 | 89.00 | 10.00 | 140.00 | 47.00 | 1.64 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0905-027A1-XM | ● | ● | ● | ● | ● | ● | 9.05 | 28.47 | 87.68 | 89.00 | 10.00 | 140.00 | 47.00 | 1.65 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0909-027A1-XM | ● | ● | ● | ● | ● | ● | 9.09 | 28.59 | 87.68 | 89.00 | 10.00 | 140.00 | 47.00 | 1.65 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0910-027A1-XM | ● | ● | ● | ● | ● | ● | 9.10 | 28.62 | 87.68 | 89.00 | 10.00 | 140.00 | 47.00 | 1.66 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0913-027A1-XM | ● | ● | ● | ● | ● | ● | 9.13 | 28.72 | 87.67 | 89.00 | 10.00 | 140.00 | 47.00 | 1.66 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0920-027A1-XM | ● | ● | ● | ● | ● | ● | 9.20 | 28.94 | 87.66 | 89.00 | 10.00 | 140.00 | 47.00 | 1.67 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0925-027A1-XM | ● | ● | ● | ● | ● | ● | 9.25 | 29.10 | 87.65 | 89.00 | 10.00 | 140.00 | 47.00 | 1.68 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0930-028A1-XM | ● | ● | ● | ● | ● | ● | 9.30 | 29.25 | 87.65 | 89.00 | 10.00 | 140.00 | 47.00 | 1.69 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0935-028A1-XM | ● | ● | ● | ● | ● | ● | 9.35 | 29.41 | 87.64 | 89.00 | 10.00 | 140.00 | 47.00 | 1.70 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0940-028A1-XM | ● | ● | ● | ● | ● | ● | 9.40 | 29.57 | 87.63 | 89.00 | 10.00 | 140.00 | 47.00 | 1.71 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0950-029A1-XM | ● | ● | ● | ● | ● | ● | 9.50 | 29.88 | 87.62 | 89.00 | 10.00 | 140.00 | 47.00 | 1.73 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0953-029A1-XM | ● | ● | ● | ● | ● | ● | 9.52 | 29.98 | 87.61 | 89.00 | 10.00 | 140.00 | 47.00 | 1.73 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0958-029A1-XM | ● | ● | ● | ● | ● | ● | 9.58 | 30.13 | 87.61 | 89.00 | 10.00 | 140.00 | 47.00 | 1.74 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0960-029A1-XM | ● | ● | ● | ● | ● | ● | 9.60 | 30.20 | 87.60 | 89.00 | 10.00 | 140.00 | 47.00 | 1.75 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0965-029A1-XM | ● | ● | ● | ● | ● | ● | 9.65 | 30.35 | 87.60 | 89.00 | 10.00 | 140.00 | 47.00 | 1.76 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0970-029A1-XM | ● | ● | ● | ● | ● | ● | 9.70 | 30.51 | 87.59 | 89.00 | 10.00 | 140.00 | 47.00 | 1.77 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0980-029A1-XM | ● | ● | ● | ● | ● | ● | 9.80 | 30.83 | 87.57 | 89.00 | 10.00 | 140.00 | 47.00 | 1.78 | 3.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

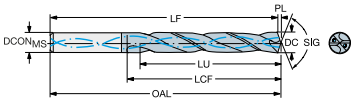
Metric (mm)

| | P | S | H | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0990-030A1-XM | ● | ● | ● | ● | ● | ● | 9.90 | 31.14 | 87.56 | 89.00 | 10.00 | 140.00 | 47.00 | 1.80 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0992-030A1-XM | ● | ● | ● | ● | ● | ● | 9.92 | 31.20 | 87.56 | 89.00 | 10.00 | 140.00 | 47.00 | 1.81 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1005-030A1-XM | ● | ● | ● | ● | ● | ● | 10.05 | 31.61 | 100.54 | 102.00 | 12.00 | 140.00 | 55.00 | 1.83 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1008-030A1-XM | ● | ● | ● | ● | ● | ● | 10.08 | 31.71 | 100.53 | 102.00 | 12.00 | 140.00 | 55.00 | 1.83 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1010-030A1-XM | ● | ● | ● | ● | ● | ● | 10.10 | 31.77 | 100.53 | 102.00 | 12.00 | 140.00 | 55.00 | 1.84 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1020-031A1-XM | ● | ● | ● | ● | ● | ● | 10.20 | 32.08 | 100.51 | 102.00 | 12.00 | 140.00 | 55.00 | 1.86 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1026-031A1-XM | ● | ● | ● | ● | ● | ● | 10.26 | 32.27 | 100.51 | 102.00 | 12.00 | 140.00 | 55.00 | 1.87 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1030-031A1-XM | ● | ● | ● | ● | ● | ● | 10.30 | 32.40 | 100.50 | 102.00 | 12.00 | 140.00 | 55.00 | 1.87 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1032-031A1-XM | ● | ● | ● | ● | ● | ● | 10.32 | 32.46 | 100.50 | 102.00 | 12.00 | 140.00 | 55.00 | 1.88 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1040-031A1-XM | ● | ● | ● | ● | ● | ● | 10.40 | 32.71 | 100.49 | 102.00 | 12.00 | 140.00 | 55.00 | 1.89 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1045-031A1-XM | ● | ● | ● | ● | ● | ● | 10.45 | 32.87 | 100.48 | 102.00 | 12.00 | 140.00 | 55.00 | 1.90 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1049-031A1-XM | ● | ● | ● | ● | ● | ● | 10.49 | 33.00 | 100.47 | 102.00 | 12.00 | 140.00 | 55.00 | 1.91 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1050-032A1-XM | ● | ● | ● | ● | ● | ● | 10.50 | 33.03 | 100.47 | 102.00 | 12.00 | 140.00 | 55.00 | 1.91 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1055-032A1-XM | ● | ● | ● | ● | ● | ● | 10.55 | 33.19 | 100.46 | 102.00 | 12.00 | 140.00 | 55.00 | 1.92 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1060-032A1-XM | ● | ● | ● | ● | ● | ● | 10.60 | 33.34 | 100.46 | 102.00 | 12.00 | 140.00 | 55.00 | 1.93 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1065-032A1-XM | ● | ● | ● | ● | ● | ● | 10.65 | 33.50 | 100.45 | 102.00 | 12.00 | 140.00 | 55.00 | 1.94 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1070-032A1-XM | ● | ● | ● | ● | ● | ● | 10.70 | 33.66 | 100.44 | 102.00 | 12.00 | 140.00 | 55.00 | 1.95 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1072-032A1-XM | ● | ● | ● | ● | ● | ● | 10.72 | 33.72 | 100.44 | 102.00 | 12.00 | 140.00 | 55.00 | 1.95 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1075-032A1-XM | ● | ● | ● | ● | ● | ● | 10.75 | 33.82 | 100.43 | 102.00 | 12.00 | 140.00 | 55.00 | 1.96 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1080-032A1-XM | ● | ● | ● | ● | ● | ● | 10.80 | 33.97 | 100.43 | 102.00 | 12.00 | 140.00 | 55.00 | 1.97 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1090-032A1-XM | ● | ● | ● | ● | ● | ● | 10.90 | 34.29 | 100.41 | 102.00 | 12.00 | 140.00 | 55.00 | 1.98 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1100-033A1-XM | ● | ● | ● | ● | ● | ● | 11.00 | 34.60 | 100.40 | 102.00 | 12.00 | 140.00 | 55.00 | 2.00 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1111-033A1-XM | ● | ● | ● | ● | ● | ● | 11.11 | 34.95 | 100.38 | 102.00 | 12.00 | 140.00 | 55.00 | 2.02 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1120-034A1-XM | ● | ● | ● | ● | ● | ● | 11.20 | 35.23 | 100.37 | 102.00 | 12.00 | 140.00 | 55.00 | 2.04 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1130-034A1-XM | ● | ● | ● | ● | ● | ● | 11.30 | 35.55 | 100.36 | 102.00 | 12.00 | 140.00 | 55.00 | 2.06 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1140-034A1-XM | ● | ● | ● | ● | ● | ● | 11.40 | 35.86 | 100.34 | 102.00 | 12.00 | 140.00 | 55.00 | 2.07 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1150-035A1-XM | ● | ● | ● | ● | ● | ● | 11.50 | 36.17 | 100.33 | 102.00 | 12.00 | 140.00 | 55.00 | 2.09 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1151-035A1-XM | ● | ● | ● | ● | ● | ● | 11.51 | 36.21 | 100.32 | 102.00 | 12.00 | 140.00 | 55.00 | 2.09 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1155-035A1-XM | ● | ● | ● | ● | ● | ● | 11.55 | 36.33 | 100.32 | 102.00 | 12.00 | 140.00 | 55.00 | 2.10 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1160-035A1-XM | ● | ● | ● | ● | ● | ● | 11.60 | 36.49 | 100.31 | 102.00 | 12.00 | 140.00 | 55.00 | 2.11 | 3.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

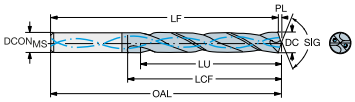
Metric (mm)

| | P | S | H | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-1170-035A1-XM | ● | ● | ● | ● | ● | ● | 11.70 | 36.80 | 100.30 | 102.00 | 12.00 | 140.00 | 55.00 | 2.13 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1180-035A1-XM | ● | ● | ● | ● | ● | ● | 11.80 | 37.12 | 100.28 | 102.00 | 12.00 | 140.00 | 55.00 | 2.15 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1191-036A1-XM | ● | ● | ● | ● | ● | ● | 11.91 | 37.46 | 100.27 | 102.00 | 12.00 | 140.00 | 55.00 | 2.17 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1205-036A1-XM | ● | ● | ● | ● | ● | ● | 12.05 | 37.90 | 105.25 | 107.00 | 14.00 | 140.00 | 60.00 | 2.19 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1210-036A1-XM | ● | ● | ● | ● | ● | ● | 12.10 | 38.06 | 105.24 | 107.00 | 14.00 | 140.00 | 60.00 | 2.20 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1220-037A1-XM | ● | ● | ● | ● | ● | ● | 12.20 | 38.38 | 105.22 | 107.00 | 14.00 | 140.00 | 60.00 | 2.22 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1225-037A1-XM | ● | ● | ● | ● | ● | ● | 12.25 | 38.53 | 105.22 | 107.00 | 14.00 | 140.00 | 60.00 | 2.23 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1230-037A1-XM | ● | ● | ● | ● | ● | ● | 12.30 | 38.69 | 105.21 | 107.00 | 14.00 | 140.00 | 60.00 | 2.24 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1240-037A1-XM | ● | ● | ● | ● | ● | ● | 12.40 | 39.01 | 105.19 | 107.00 | 14.00 | 140.00 | 60.00 | 2.26 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1250-038A1-XM | ● | ● | ● | ● | ● | ● | 12.50 | 39.32 | 105.18 | 107.00 | 14.00 | 140.00 | 60.00 | 2.27 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1260-038A1-XM | ● | ● | ● | ● | ● | ● | 12.60 | 39.63 | 105.17 | 107.00 | 14.00 | 140.00 | 60.00 | 2.29 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1270-038A1-XM | ● | ● | ● | ● | ● | ● | 12.70 | 39.95 | 105.15 | 107.00 | 14.00 | 140.00 | 60.00 | 2.31 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1275-038A1-XM | ● | ● | ● | ● | ● | ● | 12.75 | 40.11 | 105.14 | 107.00 | 14.00 | 140.00 | 60.00 | 2.32 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1280-038A1-XM | ● | ● | ● | ● | ● | ● | 12.80 | 40.26 | 105.14 | 107.00 | 14.00 | 140.00 | 60.00 | 2.33 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1290-038A1-XM | ● | ● | ● | ● | ● | ● | 12.90 | 40.58 | 105.12 | 107.00 | 14.00 | 140.00 | 60.00 | 2.35 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1300-039A1-XM | ● | ● | ● | ● | ● | ● | 13.00 | 40.89 | 105.11 | 107.00 | 14.00 | 140.00 | 60.00 | 2.37 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1310-039A1-XM | ● | ● | ● | ● | ● | ● | 13.10 | 41.21 | 105.09 | 107.00 | 14.00 | 140.00 | 60.00 | 2.38 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1325-039A1-XM | ● | ● | ● | ● | ● | ● | 13.25 | 41.68 | 105.07 | 107.00 | 14.00 | 140.00 | 60.00 | 2.41 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1330-039A1-XM | ● | ● | ● | ● | ● | ● | 13.30 | 41.84 | 105.06 | 107.00 | 14.00 | 140.00 | 60.00 | 2.42 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1340-039A1-XM | ● | ● | ● | ● | ● | ● | 13.40 | 42.15 | 105.05 | 107.00 | 14.00 | 140.00 | 60.00 | 2.44 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1349-041A1-XM | ● | ● | ● | ● | ● | ● | 13.49 | 42.43 | 105.04 | 107.00 | 14.00 | 140.00 | 60.00 | 2.46 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1350-041A1-XM | ● | ● | ● | ● | ● | ● | 13.50 | 42.47 | 105.04 | 107.00 | 14.00 | 140.00 | 60.00 | 2.46 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1355-041A1-XM | ● | ● | ● | ● | ● | ● | 13.55 | 42.62 | 105.03 | 107.00 | 14.00 | 140.00 | 60.00 | 2.47 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1365-041A1-XM | ● | ● | ● | ● | ● | ● | 13.65 | 42.94 | 105.01 | 107.00 | 14.00 | 140.00 | 60.00 | 2.48 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1370-041A1-XM | ● | ● | ● | ● | ● | ● | 13.70 | 43.09 | 105.00 | 107.00 | 14.00 | 140.00 | 60.00 | 2.49 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1375-041A1-XM | ● | ● | ● | ● | ● | ● | 13.75 | 43.25 | 105.00 | 107.00 | 14.00 | 140.00 | 60.00 | 2.50 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1380-041A1-XM | ● | ● | ● | ● | ● | ● | 13.80 | 43.41 | 104.99 | 107.00 | 14.00 | 140.00 | 60.00 | 2.51 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1389-042A1-XM | ● | ● | ● | ● | ● | ● | 13.89 | 43.69 | 104.98 | 107.00 | 14.00 | 140.00 | 60.00 | 2.53 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1410-042A1-XM | ● | ● | ● | ● | ● | ● | 14.10 | 44.35 | 112.95 | 115.00 | 16.00 | 140.00 | 65.00 | 2.57 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1420-042A1-XM | ● | ● | ● | ● | ● | ● | 14.20 | 44.67 | 112.93 | 115.00 | 16.00 | 140.00 | 65.00 | 2.58 | 3.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

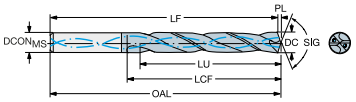
Metric (mm)

| | P | S | H | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-1425-043A1-XM | ● | ● | ● | ● | ● | ● | 14.25 | 44.82 | 112.93 | 115.00 | 16.00 | 140.00 | 65.00 | 2.59 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1429-043A1-XM | ● | ● | ● | ● | ● | ● | 14.29 | 44.95 | 112.92 | 115.00 | 16.00 | 140.00 | 65.00 | 2.60 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1430-043A1-XM | ● | ● | ● | ● | ● | ● | 14.30 | 44.98 | 112.92 | 115.00 | 16.00 | 140.00 | 65.00 | 2.60 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1450-044A1-XM | ● | ● | ● | ● | ● | ● | 14.50 | 45.61 | 112.89 | 115.00 | 16.00 | 140.00 | 65.00 | 2.64 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1455-044A1-XM | ● | ● | ● | ● | ● | ● | 14.55 | 45.77 | 112.88 | 115.00 | 16.00 | 140.00 | 65.00 | 2.65 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1460-044A1-XM | ● | ● | ● | ● | ● | ● | 14.60 | 45.93 | 112.87 | 115.00 | 16.00 | 140.00 | 65.00 | 2.66 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1468-044A1-XM | ● | ● | ● | ● | ● | ● | 14.68 | 46.18 | 112.86 | 115.00 | 16.00 | 140.00 | 65.00 | 2.67 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1470-044A1-XM | ● | ● | ● | ● | ● | ● | 14.70 | 46.24 | 112.86 | 115.00 | 16.00 | 140.00 | 65.00 | 2.67 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1475-044A1-XM | ● | ● | ● | ● | ● | ● | 14.75 | 46.40 | 112.85 | 115.00 | 16.00 | 140.00 | 65.00 | 2.68 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1480-044A1-XM | ● | ● | ● | ● | ● | ● | 14.80 | 46.55 | 112.85 | 115.00 | 16.00 | 140.00 | 65.00 | 2.69 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1500-045A1-XM | ● | ● | ● | ● | ● | ● | 15.00 | 47.18 | 112.82 | 115.00 | 16.00 | 140.00 | 65.00 | 2.73 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1508-045A1-XM | ● | ● | ● | ● | ● | ● | 15.08 | 47.44 | 112.81 | 115.00 | 16.00 | 140.00 | 65.00 | 2.74 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1510-045A1-XM | ● | ● | ● | ● | ● | ● | 15.10 | 47.50 | 112.80 | 115.00 | 16.00 | 140.00 | 65.00 | 2.75 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1525-045A1-XM | ● | ● | ● | ● | ● | ● | 15.25 | 47.90 | 112.78 | 115.00 | 16.00 | 140.00 | 65.00 | 2.78 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1530-045A1-XM | ● | ● | ● | ● | ● | ● | 15.30 | 47.80 | 112.77 | 115.00 | 16.00 | 140.00 | 65.00 | 2.78 | 3.12 | 20 | PVD TiAlCrSiN |
| 462.1-1548-046A1-XM | ● | ● | ● | ● | ● | ● | 15.48 | 47.60 | 112.75 | 115.00 | 16.00 | 140.00 | 65.00 | 2.82 | 3.08 | 20 | PVD TiAlCrSiN |
| 462.1-1550-047A1-XM | ● | ● | ● | ● | ● | ● | 15.50 | 47.60 | 112.74 | 115.00 | 16.00 | 140.00 | 65.00 | 2.82 | 3.07 | 20 | PVD TiAlCrSiN |
| 462.1-1555-047A1-XM | ● | ● | ● | ● | ● | ● | 15.55 | 47.60 | 112.74 | 115.00 | 16.00 | 140.00 | 65.00 | 2.83 | 3.06 | 20 | PVD TiAlCrSiN |
| 462.1-1560-047A1-XM | ● | ● | ● | ● | ● | ● | 15.60 | 47.50 | 112.73 | 115.00 | 16.00 | 140.00 | 65.00 | 2.84 | 3.04 | 20 | PVD TiAlCrSiN |
| 462.1-1570-047A1-XM | ● | ● | ● | ● | ● | ● | 15.70 | 47.50 | 112.71 | 115.00 | 16.00 | 140.00 | 65.00 | 2.86 | 3.03 | 20 | PVD TiAlCrSiN |
| 462.1-1580-047A1-XM | ● | ● | ● | ● | ● | ● | 15.80 | 47.40 | 112.70 | 115.00 | 16.00 | 140.00 | 65.00 | 2.88 | 3.00 | 20 | PVD TiAlCrSiN |
| 462.1-1588-048A1-XM | ● | ● | ● | ● | ● | ● | 15.88 | 47.30 | 112.69 | 115.00 | 16.00 | 140.00 | 65.00 | 2.89 | 2.98 | 20 | PVD TiAlCrSiN |
| 462.1-1608-048A1-XM | ● | ● | ● | ● | ● | ● | 16.08 | 50.58 | 120.66 | 123.00 | 18.00 | 140.00 | 73.00 | 2.93 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1610-048A1-XM | ● | ● | ● | ● | ● | ● | 16.10 | 50.64 | 120.66 | 123.00 | 18.00 | 140.00 | 73.00 | 2.93 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1627-049A1-XM | ● | ● | ● | ● | ● | ● | 16.27 | 51.18 | 120.63 | 123.00 | 18.00 | 140.00 | 73.00 | 2.96 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1630-050A1-XM | ● | ● | ● | ● | ● | ● | 16.30 | 51.27 | 120.63 | 123.00 | 18.00 | 140.00 | 73.00 | 2.97 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1650-050A1-XM | ● | ● | ● | ● | ● | ● | 16.50 | 51.90 | 120.60 | 123.00 | 18.00 | 140.00 | 73.00 | 3.00 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1655-050A1-XM | ● | ● | ● | ● | ● | ● | 16.55 | 52.06 | 120.59 | 123.00 | 18.00 | 140.00 | 73.00 | 3.01 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1667-050A1-XM | ● | ● | ● | ● | ● | ● | 16.67 | 52.44 | 120.57 | 123.00 | 18.00 | 140.00 | 73.00 | 3.03 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1675-050A1-XM | ● | ● | ● | ● | ● | ● | 16.75 | 52.69 | 120.56 | 123.00 | 18.00 | 140.00 | 73.00 | 3.05 | 3.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

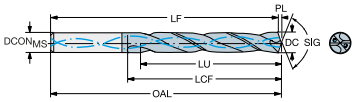
Metric (mm)

| | P | S | H | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-1680-050A1-XM | ● | ● | ● | ● | ● | ● | 16.80 | 52.70 | 120.55 | 123.00 | 18.00 | 140.00 | 73.00 | 3.06 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1690-050A1-XM | ● | ● | ● | ● | ● | ● | 16.90 | 52.50 | 120.54 | 123.00 | 18.00 | 140.00 | 73.00 | 3.08 | 3.11 | 20 | PVD TiAlCrSiN |
| 462.1-1700-051A1-XM | ● | ● | ● | ● | ● | ● | 17.00 | 52.40 | 120.53 | 123.00 | 18.00 | 140.00 | 73.00 | 3.09 | 3.08 | 20 | PVD TiAlCrSiN |
| 462.1-1707-051A1-XM | ● | ● | ● | ● | ● | ● | 17.07 | 52.30 | 120.51 | 123.00 | 18.00 | 140.00 | 73.00 | 3.11 | 3.06 | 20 | PVD TiAlCrSiN |
| 462.1-1710-051A1-XM | ● | ● | ● | ● | ● | ● | 17.10 | 52.30 | 120.51 | 123.00 | 18.00 | 140.00 | 73.00 | 3.11 | 3.06 | 20 | PVD TiAlCrSiN |
| 462.1-1730-051A1-XM | ● | ● | ● | ● | ● | ● | 17.30 | 52.00 | 120.48 | 123.00 | 18.00 | 140.00 | 73.00 | 3.15 | 3.01 | 20 | PVD TiAlCrSiN |
| 462.1-1746-052A1-XM | ● | ● | ● | ● | ● | ● | 17.46 | 51.70 | 120.46 | 123.00 | 18.00 | 140.00 | 73.00 | 3.18 | 2.96 | 20 | PVD TiAlCrSiN |
| 462.1-1750-053A1-XM | ● | ● | ● | ● | ● | ● | 17.50 | 51.70 | 120.45 | 123.00 | 18.00 | 140.00 | 73.00 | 3.18 | 2.95 | 20 | PVD TiAlCrSiN |
| 462.1-1755-053A1-XM | ● | ● | ● | ● | ● | ● | 17.55 | 51.60 | 120.44 | 123.00 | 18.00 | 140.00 | 73.00 | 3.19 | 2.94 | 20 | PVD TiAlCrSiN |
| 462.1-1780-053A1-XM | ● | ● | ● | ● | ● | ● | 17.80 | 51.20 | 120.41 | 123.00 | 18.00 | 140.00 | 73.00 | 3.24 | 2.88 | 20 | PVD TiAlCrSiN |
| 462.1-1786-054A1-XM | ● | ● | ● | ● | ● | ● | 17.86 | 51.10 | 120.40 | 123.00 | 18.00 | 140.00 | 73.00 | 3.25 | 2.86 | 20 | PVD TiAlCrSiN |
| 462.1-1790-054A1-XM | ● | ● | ● | ● | ● | ● | 17.90 | 51.10 | 120.39 | 123.00 | 18.00 | 140.00 | 73.00 | 3.26 | 2.85 | 20 | PVD TiAlCrSiN |
| 462.1-1826-055A1-XM | ● | ● | ● | ● | ● | ● | 18.26 | 57.10 | 128.34 | 131.00 | 20.00 | 140.00 | 79.00 | 3.32 | 3.13 | 20 | PVD TiAlCrSiN |
| 462.1-1835-055A1-XM | ● | ● | ● | ● | ● | ● | 18.35 | 57.00 | 128.33 | 131.00 | 20.00 | 140.00 | 79.00 | 3.34 | 3.11 | 20 | PVD TiAlCrSiN |
| 462.1-1850-056A1-XM | ● | ● | ● | ● | ● | ● | 18.50 | 57.00 | 128.31 | 131.00 | 20.00 | 140.00 | 79.00 | 3.37 | 3.08 | 20 | PVD TiAlCrSiN |
| 462.1-1865-056A1-XM | ● | ● | ● | ● | ● | ● | 18.65 | 56.90 | 128.29 | 131.00 | 20.00 | 140.00 | 79.00 | 3.39 | 3.05 | 20 | PVD TiAlCrSiN |
| 462.1-1880-056A1-XM | ● | ● | ● | ● | ● | ● | 18.80 | 56.80 | 128.26 | 131.00 | 20.00 | 140.00 | 79.00 | 3.42 | 3.02 | 20 | PVD TiAlCrSiN |
| 462.1-1890-056A1-XM | ● | ● | ● | ● | ● | ● | 18.90 | 56.80 | 128.25 | 131.00 | 20.00 | 140.00 | 79.00 | 3.44 | 3.01 | 20 | PVD TiAlCrSiN |
| 462.1-1900-057A1-XM | ● | ● | ● | ● | ● | ● | 19.00 | 56.70 | 128.23 | 131.00 | 20.00 | 140.00 | 79.00 | 3.46 | 2.98 | 20 | PVD TiAlCrSiN |
| 462.1-1905-057A1-XM | ● | ● | ● | ● | ● | ● | 19.05 | 56.70 | 128.23 | 131.00 | 20.00 | 140.00 | 79.00 | 3.47 | 2.98 | 20 | PVD TiAlCrSiN |
| 462.1-1925-057A1-XM | ● | ● | ● | ● | ● | ● | 19.25 | 56.60 | 128.20 | 131.00 | 20.00 | 140.00 | 79.00 | 3.50 | 2.94 | 20 | PVD TiAlCrSiN |
| 462.1-1930-057A1-XM | ● | ● | ● | ● | ● | ● | 19.30 | 56.60 | 128.19 | 131.00 | 20.00 | 140.00 | 79.00 | 3.51 | 2.93 | 20 | PVD TiAlCrSiN |
| 462.1-1950-059A1-XM | ● | ● | ● | ● | ● | ● | 19.50 | 56.50 | 128.16 | 131.00 | 20.00 | 140.00 | 79.00 | 3.54 | 2.90 | 20 | PVD TiAlCrSiN |
| 462.1-1955-059A1-XM | ● | ● | ● | ● | ● | ● | 19.55 | 56.40 | 128.15 | 131.00 | 20.00 | 140.00 | 79.00 | 3.56 | 2.88 | 20 | PVD TiAlCrSiN |
| 462.1-1980-059A1-XM | ● | ● | ● | ● | ● | ● | 19.80 | 56.30 | 128.12 | 131.00 | 20.00 | 140.00 | 79.00 | 3.60 | 2.84 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

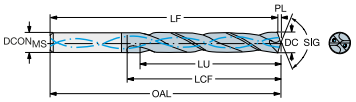
Metric (mm)

| | P | S | H | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0600-018A1-XM | ● | ● | ● | ● | ● | ● | 6.00 | 18.87 | 65.13 | 66.00 | 6.00 | 140.00 | 28.00 | 1.09 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0800-024A1-XM | ● | ● | ● | ● | ● | ● | 8.00 | 25.16 | 77.83 | 79.00 | 8.00 | 140.00 | 41.00 | 1.46 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1000-030A1-XM | ● | ● | ● | ● | ● | ● | 10.00 | 31.46 | 87.54 | 89.00 | 10.00 | 140.00 | 47.00 | 1.82 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1200-036A1-XM | ● | ● | ● | ● | ● | ● | 12.00 | 37.75 | 100.25 | 102.00 | 12.00 | 140.00 | 55.00 | 2.18 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1400-042A1-XM | ● | ● | ● | ● | ● | ● | 14.00 | 43.60 | 104.96 | 107.00 | 14.00 | 140.00 | 60.00 | 2.55 | 3.11 | 20 | PVD TiAlCrSiN |
| 462.1-1600-048A1-XM | ● | ● | ● | ● | ● | ● | 16.00 | 47.20 | 112.67 | 115.00 | 16.00 | 140.00 | 65.00 | 2.91 | 2.95 | 20 | PVD TiAlCrSiN |
| 462.1-1800-054A1-XM | ● | ● | ● | ● | ● | ● | 18.00 | 50.90 | 120.38 | 123.00 | 18.00 | 140.00 | 73.00 | 3.28 | 2.83 | 20 | PVD TiAlCrSiN |
| 462.1-2000-060A1-XM | ● | ● | ● | ● | ● | ● | 20.00 | 56.20 | 128.09 | 131.00 | 20.00 | 140.00 | 79.00 | 3.64 | 2.81 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

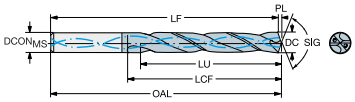
Metric (mm)

| | P | S | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0300-015A1-XM | ● | ● | ● | ● | ● | 3.00 | 15.44 | 65.56 | 66.00 | 6.00 | 140.00 | 28.00 | 0.55 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0305-015A1-XM | ● | ● | ● | ● | ● | 3.05 | 15.69 | 65.56 | 66.00 | 6.00 | 140.00 | 28.00 | 0.56 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0310-016A1-XM | ● | ● | ● | ● | ● | 3.10 | 15.95 | 65.55 | 66.00 | 6.00 | 140.00 | 28.00 | 0.56 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0315-016A1-XM | ● | ● | ● | ● | ● | 3.15 | 16.21 | 65.54 | 66.00 | 6.00 | 140.00 | 28.00 | 0.57 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0318-016A1-XM | ● | ● | ● | ● | ● | 3.17 | 16.36 | 65.54 | 66.00 | 6.00 | 140.00 | 28.00 | 0.58 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0320-016A1-XM | ● | ● | ● | ● | ● | 3.20 | 16.47 | 65.53 | 66.00 | 6.00 | 140.00 | 28.00 | 0.58 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0326-016A1-XM | ● | ● | ● | ● | ● | 3.26 | 16.77 | 65.53 | 66.00 | 6.00 | 140.00 | 28.00 | 0.59 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0330-017A1-XM | ● | ● | ● | ● | ● | 3.30 | 16.98 | 65.52 | 66.00 | 6.00 | 140.00 | 28.00 | 0.60 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0335-017A1-XM | ● | ● | ● | ● | ● | 3.35 | 17.24 | 65.51 | 66.00 | 6.00 | 140.00 | 28.00 | 0.61 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0338-017A1-XM | ● | ● | ● | ● | ● | 3.38 | 17.39 | 65.51 | 66.00 | 6.00 | 140.00 | 28.00 | 0.62 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0340-017A1-XM | ● | ● | ● | ● | ● | 3.40 | 17.49 | 65.50 | 66.00 | 6.00 | 140.00 | 28.00 | 0.62 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0345-017A1-XM | ● | ● | ● | ● | ● | 3.45 | 17.75 | 65.50 | 66.00 | 6.00 | 140.00 | 28.00 | 0.63 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0350-018A1-XM | ● | ● | ● | ● | ● | 3.50 | 18.01 | 65.49 | 66.00 | 6.00 | 140.00 | 28.00 | 0.64 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0357-018A1-XM | ● | ● | ● | ● | ● | 3.57 | 18.37 | 65.48 | 66.00 | 6.00 | 140.00 | 28.00 | 0.65 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0360-018A1-XM | ● | ● | ● | ● | ● | 3.60 | 18.52 | 65.48 | 66.00 | 6.00 | 140.00 | 28.00 | 0.66 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0366-018A1-XM | ● | ● | ● | ● | ● | 3.66 | 18.83 | 65.47 | 66.00 | 6.00 | 140.00 | 28.00 | 0.67 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0370-019A1-XM | ● | ● | ● | ● | ● | 3.70 | 19.04 | 65.46 | 66.00 | 6.00 | 140.00 | 28.00 | 0.67 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0373-019A1-XM | ● | ● | ● | ● | ● | 3.73 | 19.19 | 65.46 | 66.00 | 6.00 | 140.00 | 28.00 | 0.68 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0380-019A1-XM | ● | ● | ● | ● | ● | 3.80 | 19.55 | 73.45 | 74.00 | 6.00 | 140.00 | 36.00 | 0.69 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0386-019A1-XM | ● | ● | ● | ● | ● | 3.86 | 19.86 | 73.44 | 74.00 | 6.00 | 140.00 | 36.00 | 0.70 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0390-020A1-XM | ● | ● | ● | ● | ● | 3.90 | 20.07 | 73.43 | 74.00 | 6.00 | 140.00 | 36.00 | 0.71 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0391-020A1-XM | ● | ● | ● | ● | ● | 3.91 | 20.12 | 73.43 | 74.00 | 6.00 | 140.00 | 36.00 | 0.71 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0397-020A1-XM | ● | ● | ● | ● | ● | 3.97 | 20.43 | 73.42 | 74.00 | 6.00 | 140.00 | 36.00 | 0.72 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0399-020A1-XM | ● | ● | ● | ● | ● | 3.99 | 20.53 | 73.42 | 74.00 | 6.00 | 140.00 | 36.00 | 0.73 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0400-020A1-XM | ● | ● | ● | ● | ● | 4.00 | 20.58 | 73.42 | 74.00 | 6.00 | 140.00 | 36.00 | 0.73 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0404-020A1-XM | ● | ● | ● | ● | ● | 4.04 | 20.79 | 73.41 | 74.00 | 6.00 | 140.00 | 36.00 | 0.74 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0405-020A1-XM | ● | ● | ● | ● | ● | 4.05 | 20.84 | 73.41 | 74.00 | 6.00 | 140.00 | 36.00 | 0.74 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0409-020A1-XM | ● | ● | ● | ● | ● | 4.09 | 21.05 | 73.40 | 74.00 | 6.00 | 140.00 | 36.00 | 0.74 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0410-021A1-XM | ● | ● | ● | ● | ● | 4.10 | 21.10 | 73.40 | 74.00 | 6.00 | 140.00 | 36.00 | 0.75 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0415-021A1-XM | ● | ● | ● | ● | ● | 4.15 | 21.35 | 73.40 | 74.00 | 6.00 | 140.00 | 36.00 | 0.76 | 5.14 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

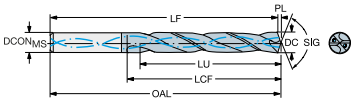
Metric (mm)

| | P | S | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0420-021A1-XM | ● | ● | ● | ● | ● | 4.20 | 21.61 | 73.39 | 74.00 | 6.00 | 140.00 | 36.00 | 0.76 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0422-021A1-XM | ● | ● | ● | ● | ● | 4.22 | 21.71 | 73.39 | 74.00 | 6.00 | 140.00 | 36.00 | 0.77 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0425-021A1-XM | ● | ● | ● | ● | ● | 4.25 | 21.87 | 73.38 | 74.00 | 6.00 | 140.00 | 36.00 | 0.77 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0430-022A1-XM | ● | ● | ● | ● | ● | 4.30 | 22.13 | 73.37 | 74.00 | 6.00 | 140.00 | 36.00 | 0.78 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0431-022A1-XM | ● | ● | ● | ● | ● | 4.30 | 22.18 | 73.37 | 74.00 | 6.00 | 140.00 | 36.00 | 0.78 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0435-022A1-XM | ● | ● | ● | ● | ● | 4.35 | 22.38 | 73.37 | 74.00 | 6.00 | 140.00 | 36.00 | 0.79 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0437-022A1-XM | ● | ● | ● | ● | ● | 4.37 | 22.49 | 73.36 | 74.00 | 6.00 | 140.00 | 36.00 | 0.79 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0439-022A1-XM | ● | ● | ● | ● | ● | 4.39 | 22.59 | 73.36 | 74.00 | 6.00 | 140.00 | 36.00 | 0.80 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0440-022A1-XM | ● | ● | ● | ● | ● | 4.40 | 22.64 | 73.36 | 74.00 | 6.00 | 140.00 | 36.00 | 0.80 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0445-022A1-XM | ● | ● | ● | ● | ● | 4.45 | 22.90 | 73.35 | 74.00 | 6.00 | 140.00 | 36.00 | 0.81 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0450-023A1-XM | ● | ● | ● | ● | ● | 4.50 | 23.16 | 73.35 | 74.00 | 6.00 | 140.00 | 36.00 | 0.82 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0457-023A1-XM | ● | ● | ● | ● | ● | 4.57 | 23.52 | 73.33 | 74.00 | 6.00 | 140.00 | 36.00 | 0.83 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0460-023A1-XM | ● | ● | ● | ● | ● | 4.60 | 23.67 | 73.33 | 74.00 | 6.00 | 140.00 | 36.00 | 0.84 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0462-023A1-XM | ● | ● | ● | ● | ● | 4.62 | 23.77 | 73.33 | 74.00 | 6.00 | 140.00 | 36.00 | 0.84 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0470-024A1-XM | ● | ● | ● | ● | ● | 4.70 | 24.18 | 73.32 | 74.00 | 6.00 | 140.00 | 36.00 | 0.86 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0476-024A1-XM | ● | ● | ● | ● | ● | 4.76 | 24.49 | 81.31 | 82.00 | 6.00 | 140.00 | 44.00 | 0.87 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0480-024A1-XM | ● | ● | ● | ● | ● | 4.80 | 24.70 | 81.30 | 82.00 | 6.00 | 140.00 | 44.00 | 0.87 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0485-024A1-XM | ● | ● | ● | ● | ● | 4.85 | 24.96 | 81.29 | 82.00 | 6.00 | 140.00 | 44.00 | 0.88 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0490-025A1-XM | ● | ● | ● | ● | ● | 4.90 | 25.21 | 81.29 | 82.00 | 6.00 | 140.00 | 44.00 | 0.89 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0492-025A1-XM | ● | ● | ● | ● | ● | 4.91 | 25.32 | 81.28 | 82.00 | 6.00 | 140.00 | 44.00 | 0.90 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0498-025A1-XM | ● | ● | ● | ● | ● | 4.98 | 25.63 | 81.28 | 82.00 | 6.00 | 140.00 | 44.00 | 0.91 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0500-025A1-XM | ● | ● | ● | ● | ● | 5.00 | 25.73 | 81.27 | 82.00 | 6.00 | 140.00 | 44.00 | 0.91 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0505-025A1-XM | ● | ● | ● | ● | ● | 5.05 | 25.99 | 81.26 | 82.00 | 6.00 | 140.00 | 44.00 | 0.92 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0506-025A1-XM | ● | ● | ● | ● | ● | 5.05 | 26.04 | 81.26 | 82.00 | 6.00 | 140.00 | 44.00 | 0.92 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0510-026A1-XM | ● | ● | ● | ● | ● | 5.10 | 26.24 | 81.26 | 82.00 | 6.00 | 140.00 | 44.00 | 0.93 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0511-026A1-XM | ● | ● | ● | ● | ● | 5.11 | 26.29 | 81.26 | 82.00 | 6.00 | 140.00 | 44.00 | 0.93 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0516-026A1-XM | ● | ● | ● | ● | ● | 5.16 | 26.55 | 81.25 | 82.00 | 6.00 | 140.00 | 44.00 | 0.94 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0518-026A1-XM | ● | ● | ● | ● | ● | 5.18 | 26.65 | 81.25 | 82.00 | 6.00 | 140.00 | 44.00 | 0.94 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0520-026A1-XM | ● | ● | ● | ● | ● | 5.20 | 26.76 | 81.24 | 82.00 | 6.00 | 140.00 | 44.00 | 0.95 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0522-026A1-XM | ● | ● | ● | ● | ● | 5.22 | 26.86 | 81.24 | 82.00 | 6.00 | 140.00 | 44.00 | 0.95 | 5.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

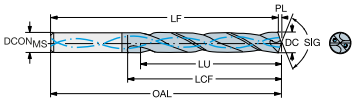
Metric (mm)

| | P | S | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0525-026A1-XM | ● | ● | ● | ● | ● | 5.25 | 27.01 | 81.24 | 82.00 | 6.00 | 140.00 | 44.00 | 0.96 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0530-027A1-XM | ● | ● | ● | ● | ● | 5.30 | 27.27 | 81.23 | 82.00 | 6.00 | 140.00 | 44.00 | 0.96 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0540-027A1-XM | ● | ● | ● | ● | ● | 5.40 | 27.79 | 81.21 | 82.00 | 6.00 | 140.00 | 44.00 | 0.98 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0550-028A1-XM | ● | ● | ● | ● | ● | 5.50 | 28.30 | 81.20 | 82.00 | 6.00 | 140.00 | 44.00 | 1.00 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0556-028A1-XM | ● | ● | ● | ● | ● | 5.56 | 28.61 | 81.19 | 82.00 | 6.00 | 140.00 | 44.00 | 1.01 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0560-028A1-XM | ● | ● | ● | ● | ● | 5.60 | 28.82 | 81.18 | 82.00 | 6.00 | 140.00 | 44.00 | 1.02 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0561-028A1-XM | ● | ● | ● | ● | ● | 5.61 | 28.87 | 81.18 | 82.00 | 6.00 | 140.00 | 44.00 | 1.02 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0565-028A1-XM | ● | ● | ● | ● | ● | 5.65 | 29.07 | 81.18 | 82.00 | 6.00 | 140.00 | 44.00 | 1.03 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0570-029A1-XM | ● | ● | ● | ● | ● | 5.70 | 29.33 | 81.17 | 82.00 | 6.00 | 140.00 | 44.00 | 1.04 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0575-029A1-XM | ● | ● | ● | ● | ● | 5.75 | 29.59 | 81.16 | 82.00 | 6.00 | 140.00 | 44.00 | 1.05 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0579-029A1-XM | ● | ● | ● | ● | ● | 5.79 | 29.79 | 81.16 | 82.00 | 6.00 | 140.00 | 44.00 | 1.05 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0580-029A1-XM | ● | ● | ● | ● | ● | 5.80 | 29.84 | 81.16 | 82.00 | 6.00 | 140.00 | 44.00 | 1.06 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0590-030A1-XM | ● | ● | ● | ● | ● | 5.90 | 30.36 | 81.14 | 82.00 | 6.00 | 140.00 | 44.00 | 1.07 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0594-030A1-XM | ● | ● | ● | ● | ● | 5.94 | 30.56 | 81.14 | 82.00 | 6.00 | 140.00 | 44.00 | 1.08 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0595-030A1-XM | ● | ● | ● | ● | ● | 5.95 | 30.62 | 81.13 | 82.00 | 6.00 | 140.00 | 44.00 | 1.08 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0605-030A1-XM | ● | ● | ● | ● | ● | 6.05 | 31.13 | 90.12 | 91.00 | 8.00 | 140.00 | 53.00 | 1.10 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0610-031A1-XM | ● | ● | ● | ● | ● | 6.10 | 31.39 | 90.11 | 91.00 | 8.00 | 140.00 | 53.00 | 1.11 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0615-031A1-XM | ● | ● | ● | ● | ● | 6.15 | 31.65 | 90.11 | 91.00 | 8.00 | 140.00 | 53.00 | 1.12 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0620-031A1-XM | ● | ● | ● | ● | ● | 6.20 | 31.90 | 90.10 | 91.00 | 8.00 | 140.00 | 53.00 | 1.13 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0625-031A1-XM | ● | ● | ● | ● | ● | 6.25 | 32.16 | 90.09 | 91.00 | 8.00 | 140.00 | 53.00 | 1.14 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0630-032A1-XM | ● | ● | ● | ● | ● | 6.30 | 32.42 | 90.08 | 91.00 | 8.00 | 140.00 | 53.00 | 1.15 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0635-032A1-XM | ● | ● | ● | ● | ● | 6.35 | 32.67 | 90.08 | 91.00 | 8.00 | 140.00 | 53.00 | 1.16 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0640-032A1-XM | ● | ● | ● | ● | ● | 6.40 | 32.93 | 90.07 | 91.00 | 8.00 | 140.00 | 53.00 | 1.16 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0650-033A1-XM | ● | ● | ● | ● | ● | 6.50 | 33.45 | 90.05 | 91.00 | 8.00 | 140.00 | 53.00 | 1.18 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0653-033A1-XM | ● | ● | ● | ● | ● | 6.53 | 33.60 | 90.05 | 91.00 | 8.00 | 140.00 | 53.00 | 1.19 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0660-033A1-XM | ● | ● | ● | ● | ● | 6.60 | 33.96 | 90.04 | 91.00 | 8.00 | 140.00 | 53.00 | 1.20 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0663-033A1-XM | ● | ● | ● | ● | ● | 6.63 | 34.12 | 90.04 | 91.00 | 8.00 | 140.00 | 53.00 | 1.21 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0670-034A1-XM | ● | ● | ● | ● | ● | 6.70 | 34.48 | 90.03 | 91.00 | 8.00 | 140.00 | 53.00 | 1.22 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0675-034A1-XM | ● | ● | ● | ● | ● | 6.75 | 34.73 | 90.02 | 91.00 | 8.00 | 140.00 | 53.00 | 1.23 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0676-034A1-XM | ● | ● | ● | ● | ● | 6.76 | 34.78 | 90.02 | 91.00 | 8.00 | 140.00 | 53.00 | 1.23 | 5.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

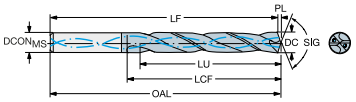
Metric (mm)

| | P | S | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0680-034A1-XM | ● | ● | ● | ● | ● | 6.80 | 34.99 | 90.01 | 91.00 | 8.00 | 140.00 | 53.00 | 1.24 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0685-034A1-XM | ● | ● | ● | ● | ● | 6.85 | 35.25 | 90.00 | 91.00 | 8.00 | 140.00 | 53.00 | 1.25 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0690-035A1-XM | ● | ● | ● | ● | ● | 6.90 | 35.50 | 90.00 | 91.00 | 8.00 | 140.00 | 53.00 | 1.26 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0691-035A1-XM | ● | ● | ● | ● | ● | 6.91 | 35.56 | 89.99 | 91.00 | 8.00 | 140.00 | 53.00 | 1.26 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0700-035A1-XM | ● | ● | ● | ● | ● | 7.00 | 36.02 | 89.98 | 91.00 | 8.00 | 140.00 | 53.00 | 1.27 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0704-035A1-XM | ● | ● | ● | ● | ● | 7.04 | 36.22 | 89.97 | 91.00 | 8.00 | 140.00 | 53.00 | 1.28 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0710-036A1-XM | ● | ● | ● | ● | ● | 7.10 | 36.53 | 89.97 | 91.00 | 8.00 | 140.00 | 53.00 | 1.29 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0714-036A1-XM | ● | ● | ● | ● | ● | 7.14 | 36.74 | 89.96 | 91.00 | 8.00 | 140.00 | 53.00 | 1.30 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0720-036A1-XM | ● | ● | ● | ● | ● | 7.20 | 37.05 | 89.95 | 91.00 | 8.00 | 140.00 | 53.00 | 1.31 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0725-036A1-XM | ● | ● | ● | ● | ● | 7.25 | 37.31 | 89.94 | 91.00 | 8.00 | 140.00 | 53.00 | 1.32 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0730-037A1-XM | ● | ● | ● | ● | ● | 7.30 | 37.56 | 89.94 | 91.00 | 8.00 | 140.00 | 53.00 | 1.33 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0737-037A1-XM | ● | ● | ● | ● | ● | 7.37 | 37.92 | 89.93 | 91.00 | 8.00 | 140.00 | 53.00 | 1.34 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0740-037A1-XM | ● | ● | ● | ● | ● | 7.40 | 38.08 | 89.92 | 91.00 | 8.00 | 140.00 | 53.00 | 1.35 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0745-037A1-XM | ● | ● | ● | ● | ● | 7.45 | 38.33 | 89.92 | 91.00 | 8.00 | 140.00 | 53.00 | 1.36 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0749-037A1-XM | ● | ● | ● | ● | ● | 7.49 | 38.54 | 89.91 | 91.00 | 8.00 | 140.00 | 53.00 | 1.36 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0750-038A1-XM | ● | ● | ● | ● | ● | 7.50 | 38.59 | 89.91 | 91.00 | 8.00 | 140.00 | 53.00 | 1.36 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0754-038A1-XM | ● | ● | ● | ● | ● | 7.54 | 38.80 | 89.90 | 91.00 | 8.00 | 140.00 | 53.00 | 1.37 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0760-038A1-XM | ● | ● | ● | ● | ● | 7.60 | 39.11 | 89.89 | 91.00 | 8.00 | 140.00 | 53.00 | 1.38 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0767-038A1-XM | ● | ● | ● | ● | ● | 7.67 | 39.47 | 89.88 | 91.00 | 8.00 | 140.00 | 53.00 | 1.40 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0770-039A1-XM | ● | ● | ● | ● | ● | 7.70 | 39.62 | 89.88 | 91.00 | 8.00 | 140.00 | 53.00 | 1.40 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0780-039A1-XM | ● | ● | ● | ● | ● | 7.80 | 40.14 | 89.86 | 91.00 | 8.00 | 140.00 | 53.00 | 1.42 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0790-040A1-XM | ● | ● | ● | ● | ● | 7.90 | 40.65 | 89.85 | 91.00 | 8.00 | 140.00 | 53.00 | 1.44 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0794-040A1-XM | ● | ● | ● | ● | ● | 7.94 | 40.86 | 89.84 | 91.00 | 8.00 | 140.00 | 53.00 | 1.44 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0803-040A1-XM | ● | ● | ● | ● | ● | 8.03 | 41.32 | 101.83 | 103.00 | 10.00 | 140.00 | 61.00 | 1.46 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0805-040A1-XM | ● | ● | ● | ● | ● | 8.05 | 41.42 | 101.83 | 103.00 | 10.00 | 140.00 | 61.00 | 1.46 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0810-041A1-XM | ● | ● | ● | ● | ● | 8.10 | 41.68 | 101.82 | 103.00 | 10.00 | 140.00 | 61.00 | 1.47 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0815-041A1-XM | ● | ● | ● | ● | ● | 8.15 | 41.94 | 101.81 | 103.00 | 10.00 | 140.00 | 61.00 | 1.48 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0820-041A1-XM | ● | ● | ● | ● | ● | 8.20 | 42.19 | 101.81 | 103.00 | 10.00 | 140.00 | 61.00 | 1.49 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0825-041A1-XM | ● | ● | ● | ● | ● | 8.25 | 42.45 | 101.80 | 103.00 | 10.00 | 140.00 | 61.00 | 1.50 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0830-042A1-XM | ● | ● | ● | ● | ● | 8.30 | 42.71 | 101.79 | 103.00 | 10.00 | 140.00 | 61.00 | 1.51 | 5.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

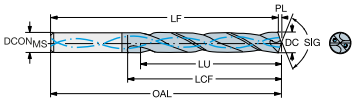
Metric (mm)

| | P | S | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0833-042A1-XM | ● | ● | ● | ● | ● | 8.33 | 42.86 | 101.79 | 103.00 | 10.00 | 140.00 | 61.00 | 1.52 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0840-042A1-XM | ● | ● | ● | ● | ● | 8.40 | 43.22 | 101.78 | 103.00 | 10.00 | 140.00 | 61.00 | 1.53 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0843-042A1-XM | ● | ● | ● | ● | ● | 8.43 | 43.38 | 101.77 | 103.00 | 10.00 | 140.00 | 61.00 | 1.53 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0850-043A1-XM | ● | ● | ● | ● | ● | 8.50 | 43.74 | 101.76 | 103.00 | 10.00 | 140.00 | 61.00 | 1.55 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0855-043A1-XM | ● | ● | ● | ● | ● | 8.55 | 43.99 | 101.75 | 103.00 | 10.00 | 140.00 | 61.00 | 1.56 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0860-043A1-XM | ● | ● | ● | ● | ● | 8.60 | 44.25 | 101.75 | 103.00 | 10.00 | 140.00 | 61.00 | 1.57 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0861-043A1-XM | ● | ● | ● | ● | ● | 8.61 | 44.30 | 101.75 | 103.00 | 10.00 | 140.00 | 61.00 | 1.57 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0865-043A1-XM | ● | ● | ● | ● | ● | 8.65 | 44.51 | 101.74 | 103.00 | 10.00 | 140.00 | 61.00 | 1.57 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0870-044A1-XM | ● | ● | ● | ● | ● | 8.70 | 44.77 | 101.73 | 103.00 | 10.00 | 140.00 | 61.00 | 1.58 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0873-044A1-XM | ● | ● | ● | ● | ● | 8.73 | 44.92 | 101.73 | 103.00 | 10.00 | 140.00 | 61.00 | 1.59 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0880-044A1-XM | ● | ● | ● | ● | ● | 8.80 | 45.28 | 101.72 | 103.00 | 10.00 | 140.00 | 61.00 | 1.60 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0884-044A1-XM | ● | ● | ● | ● | ● | 8.84 | 45.49 | 101.71 | 103.00 | 10.00 | 140.00 | 61.00 | 1.61 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0890-045A1-XM | ● | ● | ● | ● | ● | 8.90 | 45.80 | 101.70 | 103.00 | 10.00 | 140.00 | 61.00 | 1.62 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0900-045A1-XM | ● | ● | ● | ● | ● | 9.00 | 46.31 | 101.69 | 103.00 | 10.00 | 140.00 | 61.00 | 1.64 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0905-045A1-XM | ● | ● | ● | ● | ● | 9.05 | 46.57 | 101.68 | 103.00 | 10.00 | 140.00 | 61.00 | 1.65 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0909-045A1-XM | ● | ● | ● | ● | ● | 9.09 | 46.77 | 101.68 | 103.00 | 10.00 | 140.00 | 61.00 | 1.65 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0910-046A1-XM | ● | ● | ● | ● | ● | 9.10 | 46.82 | 101.68 | 103.00 | 10.00 | 140.00 | 61.00 | 1.66 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0913-046A1-XM | ● | ● | ● | ● | ● | 9.13 | 46.98 | 101.67 | 103.00 | 10.00 | 140.00 | 61.00 | 1.66 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0920-046A1-XM | ● | ● | ● | ● | ● | 9.20 | 47.34 | 101.66 | 103.00 | 10.00 | 140.00 | 61.00 | 1.67 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0925-046A1-XM | ● | ● | ● | ● | ● | 9.25 | 47.60 | 101.65 | 103.00 | 10.00 | 140.00 | 61.00 | 1.68 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0930-047A1-XM | ● | ● | ● | ● | ● | 9.30 | 47.85 | 101.65 | 103.00 | 10.00 | 140.00 | 61.00 | 1.69 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0935-047A1-XM | ● | ● | ● | ● | ● | 9.35 | 48.11 | 101.64 | 103.00 | 10.00 | 140.00 | 61.00 | 1.70 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0940-047A1-XM | ● | ● | ● | ● | ● | 9.40 | 48.37 | 101.63 | 103.00 | 10.00 | 140.00 | 61.00 | 1.71 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0950-048A1-XM | ● | ● | ● | ● | ● | 9.50 | 48.88 | 101.62 | 103.00 | 10.00 | 140.00 | 61.00 | 1.73 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0953-048A1-XM | ● | ● | ● | ● | ● | 9.52 | 49.04 | 101.61 | 103.00 | 10.00 | 140.00 | 61.00 | 1.73 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0958-048A1-XM | ● | ● | ● | ● | ● | 9.58 | 49.29 | 101.61 | 103.00 | 10.00 | 140.00 | 61.00 | 1.74 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0960-048A1-XM | ● | ● | ● | ● | ● | 9.60 | 49.40 | 101.60 | 103.00 | 10.00 | 140.00 | 61.00 | 1.75 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0965-048A1-XM | ● | ● | ● | ● | ● | 9.65 | 49.65 | 101.60 | 103.00 | 10.00 | 140.00 | 61.00 | 1.76 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0970-049A1-XM | ● | ● | ● | ● | ● | 9.70 | 49.91 | 101.59 | 103.00 | 10.00 | 140.00 | 61.00 | 1.77 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0980-049A1-XM | ● | ● | ● | ● | ● | 9.80 | 50.30 | 101.57 | 103.00 | 10.00 | 140.00 | 61.00 | 1.78 | 5.13 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

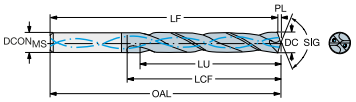
Metric (mm)

| | P | S | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0990-050A1-XM | ● | ● | ● | ● | ● | 9.90 | 50.20 | 101.56 | 103.00 | 10.00 | 140.00 | 61.00 | 1.80 | 5.07 | 20 | PVD TiAlCrSiN |
| 462.1-0992-050A1-XM | ● | ● | ● | ● | ● | 9.92 | 50.20 | 101.56 | 103.00 | 10.00 | 140.00 | 61.00 | 1.81 | 5.06 | 20 | PVD TiAlCrSiN |
| 462.1-1005-050A1-XM | ● | ● | ● | ● | ● | 10.05 | 51.71 | 116.54 | 118.00 | 12.00 | 140.00 | 71.00 | 1.83 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1008-050A1-XM | ● | ● | ● | ● | ● | 10.08 | 51.87 | 116.53 | 118.00 | 12.00 | 140.00 | 71.00 | 1.83 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-1010-051A1-XM | ● | ● | ● | ● | ● | 10.10 | 51.97 | 116.53 | 118.00 | 12.00 | 140.00 | 71.00 | 1.84 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1020-051A1-XM | ● | ● | ● | ● | ● | 10.20 | 52.48 | 116.51 | 118.00 | 12.00 | 140.00 | 71.00 | 1.86 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1026-051A1-XM | ● | ● | ● | ● | ● | 10.26 | 52.79 | 116.51 | 118.00 | 12.00 | 140.00 | 71.00 | 1.87 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-1030-052A1-XM | ● | ● | ● | ● | ● | 10.30 | 53.00 | 116.50 | 118.00 | 12.00 | 140.00 | 71.00 | 1.87 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1032-052A1-XM | ● | ● | ● | ● | ● | 10.32 | 53.10 | 116.50 | 118.00 | 12.00 | 140.00 | 71.00 | 1.88 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1040-052A1-XM | ● | ● | ● | ● | ● | 10.40 | 53.51 | 116.49 | 118.00 | 12.00 | 140.00 | 71.00 | 1.89 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1045-052A1-XM | ● | ● | ● | ● | ● | 10.45 | 53.77 | 116.48 | 118.00 | 12.00 | 140.00 | 71.00 | 1.90 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1049-052A1-XM | ● | ● | ● | ● | ● | 10.49 | 53.98 | 116.47 | 118.00 | 12.00 | 140.00 | 71.00 | 1.91 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1050-053A1-XM | ● | ● | ● | ● | ● | 10.50 | 54.03 | 116.47 | 118.00 | 12.00 | 140.00 | 71.00 | 1.91 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1055-053A1-XM | ● | ● | ● | ● | ● | 10.55 | 54.29 | 116.46 | 118.00 | 12.00 | 140.00 | 71.00 | 1.92 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1060-053A1-XM | ● | ● | ● | ● | ● | 10.60 | 54.54 | 116.46 | 118.00 | 12.00 | 140.00 | 71.00 | 1.93 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1065-053A1-XM | ● | ● | ● | ● | ● | 10.65 | 54.80 | 116.45 | 118.00 | 12.00 | 140.00 | 71.00 | 1.94 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1070-054A1-XM | ● | ● | ● | ● | ● | 10.70 | 55.06 | 116.44 | 118.00 | 12.00 | 140.00 | 71.00 | 1.95 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1072-054A1-XM | ● | ● | ● | ● | ● | 10.72 | 55.16 | 116.44 | 118.00 | 12.00 | 140.00 | 71.00 | 1.95 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1075-054A1-XM | ● | ● | ● | ● | ● | 10.75 | 55.32 | 116.43 | 118.00 | 12.00 | 140.00 | 71.00 | 1.96 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1080-054A1-XM | ● | ● | ● | ● | ● | 10.80 | 55.57 | 116.43 | 118.00 | 12.00 | 140.00 | 71.00 | 1.97 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1090-055A1-XM | ● | ● | ● | ● | ● | 10.90 | 56.09 | 116.41 | 118.00 | 12.00 | 140.00 | 71.00 | 1.98 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1100-055A1-XM | ● | ● | ● | ● | ● | 11.00 | 56.60 | 116.40 | 118.00 | 12.00 | 140.00 | 71.00 | 2.00 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1111-056A1-XM | ● | ● | ● | ● | ● | 11.11 | 57.17 | 116.38 | 118.00 | 12.00 | 140.00 | 71.00 | 2.02 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-1120-056A1-XM | ● | ● | ● | ● | ● | 11.20 | 57.63 | 116.37 | 118.00 | 12.00 | 140.00 | 71.00 | 2.04 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1130-057A1-XM | ● | ● | ● | ● | ● | 11.30 | 58.15 | 116.36 | 118.00 | 12.00 | 140.00 | 71.00 | 2.06 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1140-057A1-XM | ● | ● | ● | ● | ● | 11.40 | 58.60 | 116.34 | 118.00 | 12.00 | 140.00 | 71.00 | 2.07 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-1150-058A1-XM | ● | ● | ● | ● | ● | 11.50 | 58.50 | 116.33 | 118.00 | 12.00 | 140.00 | 71.00 | 2.09 | 5.09 | 20 | PVD TiAlCrSiN |
| 462.1-1151-058A1-XM | ● | ● | ● | ● | ● | 11.51 | 58.50 | 116.32 | 118.00 | 12.00 | 140.00 | 71.00 | 2.09 | 5.08 | 20 | PVD TiAlCrSiN |
| 462.1-1155-058A1-XM | ● | ● | ● | ● | ● | 11.55 | 58.40 | 116.32 | 118.00 | 12.00 | 140.00 | 71.00 | 2.10 | 5.06 | 20 | PVD TiAlCrSiN |
| 462.1-1160-058A1-XM | ● | ● | ● | ● | ● | 11.60 | 58.40 | 116.31 | 118.00 | 12.00 | 140.00 | 71.00 | 2.11 | 5.03 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

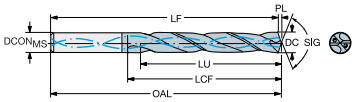
Metric (mm)

| | P | S | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-1170-059A1-XM | ● | ● | ● | ● | ● | 11.70 | 58.30 | 116.30 | 118.00 | 12.00 | 140.00 | 71.00 | 2.13 | 4.98 | 20 | PVD TiAlCrSiN |
| 462.1-1180-059A1-XM | ● | ● | ● | ● | ● | 11.80 | 58.20 | 116.28 | 118.00 | 12.00 | 140.00 | 71.00 | 2.15 | 4.93 | 20 | PVD TiAlCrSiN |
| 462.1-1191-060A1-XM | ● | ● | ● | ● | ● | 11.91 | 58.10 | 116.27 | 118.00 | 12.00 | 140.00 | 71.00 | 2.17 | 4.88 | 20 | PVD TiAlCrSiN |
| 462.1-1205-060A1-XM | ● | ● | ● | ● | ● | 12.05 | 62.00 | 122.25 | 124.00 | 14.00 | 140.00 | 77.00 | 2.19 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1210-060A1-XM | ● | ● | ● | ● | ● | 12.10 | 62.26 | 122.24 | 124.00 | 14.00 | 140.00 | 77.00 | 2.20 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1220-061A1-XM | ● | ● | ● | ● | ● | 12.20 | 62.78 | 122.22 | 124.00 | 14.00 | 140.00 | 77.00 | 2.22 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1225-061A1-XM | ● | ● | ● | ● | ● | 12.25 | 62.70 | 122.22 | 124.00 | 14.00 | 140.00 | 77.00 | 2.23 | 5.12 | 20 | PVD TiAlCrSiN |
| 462.1-1230-062A1-XM | ● | ● | ● | ● | ● | 12.30 | 62.70 | 122.21 | 124.00 | 14.00 | 140.00 | 77.00 | 2.24 | 5.10 | 20 | PVD TiAlCrSiN |
| 462.1-1240-062A1-XM | ● | ● | ● | ● | ● | 12.40 | 62.60 | 122.19 | 124.00 | 14.00 | 140.00 | 77.00 | 2.26 | 5.05 | 20 | PVD TiAlCrSiN |
| 462.1-1250-063A1-XM | ● | ● | ● | ● | ● | 12.50 | 62.40 | 122.18 | 124.00 | 14.00 | 140.00 | 77.00 | 2.27 | 4.99 | 20 | PVD TiAlCrSiN |
| 462.1-1260-063A1-XM | ● | ● | ● | ● | ● | 12.60 | 62.30 | 122.17 | 124.00 | 14.00 | 140.00 | 77.00 | 2.29 | 4.94 | 20 | PVD TiAlCrSiN |
| 462.1-1270-064A1-XM | ● | ● | ● | ● | ● | 12.70 | 62.20 | 122.15 | 124.00 | 14.00 | 140.00 | 77.00 | 2.31 | 4.90 | 20 | PVD TiAlCrSiN |
| 462.1-1275-064A1-XM | ● | ● | ● | ● | ● | 12.75 | 62.10 | 122.14 | 124.00 | 14.00 | 140.00 | 77.00 | 2.32 | 4.87 | 20 | PVD TiAlCrSiN |
| 462.1-1280-064A1-XM | ● | ● | ● | ● | ● | 12.80 | 62.10 | 122.14 | 124.00 | 14.00 | 140.00 | 77.00 | 2.33 | 4.85 | 20 | PVD TiAlCrSiN |
| 462.1-1290-065A1-XM | ● | ● | ● | ● | ● | 12.90 | 62.00 | 122.12 | 124.00 | 14.00 | 140.00 | 77.00 | 2.35 | 4.81 | 20 | PVD TiAlCrSiN |
| 462.1-1300-065A1-XM | ● | ● | ● | ● | ● | 13.00 | 61.80 | 122.11 | 124.00 | 14.00 | 140.00 | 77.00 | 2.37 | 4.75 | 20 | PVD TiAlCrSiN |
| 462.1-1310-066A1-XM | ● | ● | ● | ● | ● | 13.10 | 61.70 | 122.09 | 124.00 | 14.00 | 140.00 | 77.00 | 2.38 | 4.71 | 20 | PVD TiAlCrSiN |
| 462.1-1325-066A1-XM | ● | ● | ● | ● | ● | 13.25 | 61.50 | 122.07 | 124.00 | 14.00 | 140.00 | 77.00 | 2.41 | 4.64 | 20 | PVD TiAlCrSiN |
| 462.1-1330-067A1-XM | ● | ● | ● | ● | ● | 13.30 | 61.50 | 122.06 | 124.00 | 14.00 | 140.00 | 77.00 | 2.42 | 4.62 | 20 | PVD TiAlCrSiN |
| 462.1-1340-067A1-XM | ● | ● | ● | ● | ● | 13.40 | 61.30 | 122.05 | 124.00 | 14.00 | 140.00 | 77.00 | 2.44 | 4.57 | 20 | PVD TiAlCrSiN |
| 462.1-1349-061A1-XM | ● | ● | ● | ● | ● | 13.49 | 61.20 | 122.04 | 124.00 | 14.00 | 140.00 | 77.00 | 2.46 | 4.54 | 20 | PVD TiAlCrSiN |
| 462.1-1350-061A1-XM | ● | ● | ● | ● | ● | 13.50 | 61.20 | 122.04 | 124.00 | 14.00 | 140.00 | 77.00 | 2.46 | 4.53 | 20 | PVD TiAlCrSiN |
| 462.1-1355-061A1-XM | ● | ● | ● | ● | ● | 13.55 | 61.20 | 122.03 | 124.00 | 14.00 | 140.00 | 77.00 | 2.47 | 4.52 | 20 | PVD TiAlCrSiN |
| 462.1-1365-061A1-XM | ● | ● | ● | ● | ● | 13.65 | 61.00 | 122.01 | 124.00 | 14.00 | 140.00 | 77.00 | 2.48 | 4.47 | 20 | PVD TiAlCrSiN |
| 462.1-1370-061A1-XM | ● | ● | ● | ● | ● | 13.70 | 61.00 | 122.00 | 124.00 | 14.00 | 140.00 | 77.00 | 2.49 | 4.45 | 20 | PVD TiAlCrSiN |
| 462.1-1375-062A1-XM | ● | ● | ● | ● | ● | 13.75 | 60.90 | 122.00 | 124.00 | 14.00 | 140.00 | 77.00 | 2.50 | 4.43 | 20 | PVD TiAlCrSiN |
| 462.1-1380-062A1-XM | ● | ● | ● | ● | ● | 13.80 | 60.90 | 121.99 | 124.00 | 14.00 | 140.00 | 77.00 | 2.51 | 4.41 | 20 | PVD TiAlCrSiN |
| 462.1-1389-063A1-XM | ● | ● | ● | ● | ● | 13.89 | 60.80 | 121.98 | 124.00 | 14.00 | 140.00 | 77.00 | 2.53 | 4.38 | 20 | PVD TiAlCrSiN |
| 462.1-1410-063A1-XM | ● | ● | ● | ● | ● | 14.10 | 66.90 | 130.95 | 133.00 | 16.00 | 140.00 | 83.00 | 2.57 | 4.74 | 20 | PVD TiAlCrSiN |
| 462.1-1420-063A1-XM | ● | ● | ● | ● | ● | 14.20 | 66.80 | 130.93 | 133.00 | 16.00 | 140.00 | 83.00 | 2.58 | 4.70 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

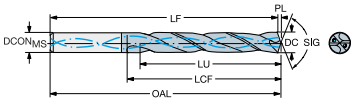
Metric (mm)

| | P | S | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-1425-071A1-XM | ● | ● | ● | ● | ● | 14.25 | 66.80 | 130.93 | 133.00 | 16.00 | 140.00 | 83.00 | 2.59 | 4.69 | 20 | PVD TiAlCrSiN |
| 462.1-1429-072A1-XM | ● | ● | ● | ● | ● | 14.29 | 66.70 | 130.92 | 133.00 | 16.00 | 140.00 | 83.00 | 2.60 | 4.67 | 20 | PVD TiAlCrSiN |
| 462.1-1430-072A1-XM | ● | ● | ● | ● | ● | 14.30 | 66.70 | 130.92 | 133.00 | 16.00 | 140.00 | 83.00 | 2.60 | 4.66 | 20 | PVD TiAlCrSiN |
| 462.1-1450-073A1-XM | ● | ● | ● | ● | ● | 14.50 | 66.50 | 130.89 | 133.00 | 16.00 | 140.00 | 83.00 | 2.64 | 4.59 | 20 | PVD TiAlCrSiN |
| 462.1-1455-073A1-XM | ● | ● | ● | ● | ● | 14.55 | 66.50 | 130.88 | 133.00 | 16.00 | 140.00 | 83.00 | 2.65 | 4.57 | 20 | PVD TiAlCrSiN |
| 462.1-1460-073A1-XM | ● | ● | ● | ● | ● | 14.60 | 66.40 | 130.87 | 133.00 | 16.00 | 140.00 | 83.00 | 2.66 | 4.55 | 20 | PVD TiAlCrSiN |
| 462.1-1468-073A1-XM | ● | ● | ● | ● | ● | 14.68 | 66.40 | 130.86 | 133.00 | 16.00 | 140.00 | 83.00 | 2.67 | 4.52 | 20 | PVD TiAlCrSiN |
| 462.1-1470-073A1-XM | ● | ● | ● | ● | ● | 14.70 | 66.40 | 130.86 | 133.00 | 16.00 | 140.00 | 83.00 | 2.67 | 4.52 | 20 | PVD TiAlCrSiN |
| 462.1-1475-066A1-XM | ● | ● | ● | ● | ● | 14.75 | 66.30 | 130.85 | 133.00 | 16.00 | 140.00 | 83.00 | 2.68 | 4.49 | 20 | PVD TiAlCrSiN |
| 462.1-1480-067A1-XM | ● | ● | ● | ● | ● | 14.80 | 66.30 | 130.85 | 133.00 | 16.00 | 140.00 | 83.00 | 2.69 | 4.48 | 20 | PVD TiAlCrSiN |
| 462.1-1500-068A1-XM | ● | ● | ● | ● | ● | 15.00 | 66.10 | 130.82 | 133.00 | 16.00 | 140.00 | 83.00 | 2.73 | 4.41 | 20 | PVD TiAlCrSiN |
| 462.1-1508-068A1-XM | ● | ● | ● | ● | ● | 15.08 | 66.00 | 130.80 | 133.00 | 16.00 | 140.00 | 83.00 | 2.74 | 4.38 | 20 | PVD TiAlCrSiN |
| 462.1-1510-068A1-XM | ● | ● | ● | ● | ● | 15.10 | 66.00 | 130.80 | 133.00 | 16.00 | 140.00 | 83.00 | 2.75 | 4.37 | 20 | PVD TiAlCrSiN |
| 462.1-1525-069A1-XM | ● | ● | ● | ● | ● | 15.25 | 65.90 | 130.78 | 133.00 | 16.00 | 140.00 | 83.00 | 2.78 | 4.32 | 20 | PVD TiAlCrSiN |
| 462.1-1530-069A1-XM | ● | ● | ● | ● | ● | 15.30 | 65.80 | 130.77 | 133.00 | 16.00 | 140.00 | 83.00 | 2.78 | 4.30 | 20 | PVD TiAlCrSiN |
| 462.1-1548-070A1-XM | ● | ● | ● | ● | ● | 15.48 | 65.60 | 130.75 | 133.00 | 16.00 | 140.00 | 83.00 | 2.82 | 4.24 | 20 | PVD TiAlCrSiN |
| 462.1-1550-070A1-XM | ● | ● | ● | ● | ● | 15.50 | 65.60 | 130.74 | 133.00 | 16.00 | 140.00 | 83.00 | 2.82 | 4.23 | 20 | PVD TiAlCrSiN |
| 462.1-1555-070A1-XM | ● | ● | ● | ● | ● | 15.55 | 65.60 | 130.74 | 133.00 | 16.00 | 140.00 | 83.00 | 2.83 | 4.22 | 20 | PVD TiAlCrSiN |
| 462.1-1560-070A1-XM | ● | ● | ● | ● | ● | 15.60 | 65.50 | 130.73 | 133.00 | 16.00 | 140.00 | 83.00 | 2.84 | 4.20 | 20 | PVD TiAlCrSiN |
| 462.1-1570-070A1-XM | ● | ● | ● | ● | ● | 15.70 | 65.50 | 130.71 | 133.00 | 16.00 | 140.00 | 83.00 | 2.86 | 4.17 | 20 | PVD TiAlCrSiN |
| 462.1-1580-071A1-XM | ● | ● | ● | ● | ● | 15.80 | 65.40 | 130.70 | 133.00 | 16.00 | 140.00 | 83.00 | 2.88 | 4.14 | 20 | PVD TiAlCrSiN |
| 462.1-1588-071A1-XM | ● | ● | ● | ● | ● | 15.88 | 65.30 | 130.69 | 133.00 | 16.00 | 140.00 | 83.00 | 2.89 | 4.11 | 20 | PVD TiAlCrSiN |
| 462.1-1608-072A1-XM | ● | ● | ● | ● | ● | 16.08 | 73.70 | 140.66 | 143.00 | 18.00 | 140.00 | 93.00 | 2.93 | 4.58 | 20 | PVD TiAlCrSiN |
| 462.1-1610-072A1-XM | ● | ● | ● | ● | ● | 16.10 | 73.70 | 140.66 | 143.00 | 18.00 | 140.00 | 93.00 | 2.93 | 4.58 | 20 | PVD TiAlCrSiN |
| 462.1-1627-081A1-XM | ● | ● | ● | ● | ● | 16.27 | 73.50 | 140.63 | 143.00 | 18.00 | 140.00 | 93.00 | 2.96 | 4.52 | 20 | PVD TiAlCrSiN |
| 462.1-1630-073A1-XM | ● | ● | ● | ● | ● | 16.30 | 73.40 | 140.63 | 143.00 | 18.00 | 140.00 | 93.00 | 2.97 | 4.50 | 20 | PVD TiAlCrSiN |
| 462.1-1650-074A1-XM | ● | ● | ● | ● | ● | 16.50 | 73.10 | 140.60 | 143.00 | 18.00 | 140.00 | 93.00 | 3.00 | 4.43 | 20 | PVD TiAlCrSiN |
| 462.1-1655-074A1-XM | ● | ● | ● | ● | ● | 16.55 | 73.10 | 140.59 | 143.00 | 18.00 | 140.00 | 93.00 | 3.01 | 4.42 | 20 | PVD TiAlCrSiN |
| 462.1-1667-075A1-XM | ● | ● | ● | ● | ● | 16.67 | 72.90 | 140.57 | 143.00 | 18.00 | 140.00 | 93.00 | 3.03 | 4.37 | 20 | PVD TiAlCrSiN |
| 462.1-1675-075A1-XM | ● | ● | ● | ● | ● | 16.75 | 72.80 | 140.56 | 143.00 | 18.00 | 140.00 | 93.00 | 3.05 | 4.35 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

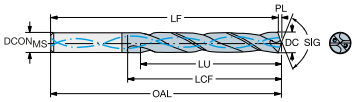
Metric (mm)

| | P | S | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-1680-076A1-XM | ● | ● | ● | ● | ● | 16.80 | 72.70 | 140.55 | 143.00 | 18.00 | 140.00 | 93.00 | 3.06 | 4.33 | 20 | PVD TiAlCrSiN |
| 462.1-1690-076A1-XM | ● | ● | ● | ● | ● | 16.90 | 72.50 | 140.54 | 143.00 | 18.00 | 140.00 | 93.00 | 3.08 | 4.29 | 20 | PVD TiAlCrSiN |
| 462.1-1700-077A1-XM | ● | ● | ● | ● | ● | 17.00 | 72.40 | 140.52 | 143.00 | 18.00 | 140.00 | 93.00 | 3.09 | 4.26 | 20 | PVD TiAlCrSiN |
| 462.1-1707-077A1-XM | ● | ● | ● | ● | ● | 17.07 | 72.30 | 140.51 | 143.00 | 18.00 | 140.00 | 93.00 | 3.11 | 4.24 | 20 | PVD TiAlCrSiN |
| 462.1-1710-077A1-XM | ● | ● | ● | ● | ● | 17.10 | 72.30 | 140.51 | 143.00 | 18.00 | 140.00 | 93.00 | 3.11 | 4.23 | 20 | PVD TiAlCrSiN |
| 462.1-1730-078A1-XM | ● | ● | ● | ● | ● | 17.30 | 72.00 | 140.48 | 143.00 | 18.00 | 140.00 | 93.00 | 3.15 | 4.16 | 20 | PVD TiAlCrSiN |
| 462.1-1746-079A1-XM | ● | ● | ● | ● | ● | 17.46 | 71.70 | 140.46 | 143.00 | 18.00 | 140.00 | 93.00 | 3.18 | 4.11 | 20 | PVD TiAlCrSiN |
| 462.1-1750-079A1-XM | ● | ● | ● | ● | ● | 17.50 | 71.70 | 140.45 | 143.00 | 18.00 | 140.00 | 93.00 | 3.18 | 4.10 | 20 | PVD TiAlCrSiN |
| 462.1-1755-079A1-XM | ● | ● | ● | ● | ● | 17.55 | 71.60 | 140.45 | 143.00 | 18.00 | 140.00 | 93.00 | 3.19 | 4.08 | 20 | PVD TiAlCrSiN |
| 462.1-1780-080A1-XM | ● | ● | ● | ● | ● | 17.80 | 71.20 | 140.41 | 143.00 | 18.00 | 140.00 | 93.00 | 3.24 | 4.00 | 20 | PVD TiAlCrSiN |
| 462.1-1786-080A1-XM | ● | ● | ● | ● | ● | 17.86 | 71.10 | 140.40 | 143.00 | 18.00 | 140.00 | 93.00 | 3.25 | 3.98 | 20 | PVD TiAlCrSiN |
| 462.1-1790-081A1-XM | ● | ● | ● | ● | ● | 17.90 | 71.10 | 140.39 | 143.00 | 18.00 | 140.00 | 93.00 | 3.26 | 3.97 | 20 | PVD TiAlCrSiN |
| 462.1-1826-082A1-XM | ● | ● | ● | ● | ● | 18.26 | 79.10 | 150.34 | 153.00 | 20.00 | 140.00 | 101.00 | 3.32 | 4.33 | 20 | PVD TiAlCrSiN |
| 462.1-1835-083A1-XM | ● | ● | ● | ● | ● | 18.35 | 79.00 | 150.33 | 153.00 | 20.00 | 140.00 | 101.00 | 3.34 | 4.31 | 20 | PVD TiAlCrSiN |
| 462.1-1850-083A1-XM | ● | ● | ● | ● | ● | 18.50 | 79.00 | 150.31 | 153.00 | 20.00 | 140.00 | 101.00 | 3.37 | 4.27 | 20 | PVD TiAlCrSiN |
| 462.1-1865-084A1-XM | ● | ● | ● | ● | ● | 18.65 | 78.90 | 150.29 | 153.00 | 20.00 | 140.00 | 101.00 | 3.39 | 4.23 | 20 | PVD TiAlCrSiN |
| 462.1-1880-084A1-XM | ● | ● | ● | ● | ● | 18.80 | 78.80 | 150.26 | 153.00 | 20.00 | 140.00 | 101.00 | 3.42 | 4.19 | 20 | PVD TiAlCrSiN |
| 462.1-1890-085A1-XM | ● | ● | ● | ● | ● | 18.90 | 78.80 | 150.25 | 153.00 | 20.00 | 140.00 | 101.00 | 3.44 | 4.17 | 20 | PVD TiAlCrSiN |
| 462.1-1900-086A1-XM | ● | ● | ● | ● | ● | 19.00 | 78.70 | 150.23 | 153.00 | 20.00 | 140.00 | 101.00 | 3.46 | 4.14 | 20 | PVD TiAlCrSiN |
| 462.1-1905-086A1-XM | ● | ● | ● | ● | ● | 19.05 | 78.70 | 150.23 | 153.00 | 20.00 | 140.00 | 101.00 | 3.47 | 4.13 | 20 | PVD TiAlCrSiN |
| 462.1-1925-087A1-XM | ● | ● | ● | ● | ● | 19.25 | 78.60 | 150.20 | 153.00 | 20.00 | 140.00 | 101.00 | 3.50 | 4.08 | 20 | PVD TiAlCrSiN |
| 462.1-1930-087A1-XM | ● | ● | ● | ● | ● | 19.30 | 78.60 | 150.19 | 153.00 | 20.00 | 140.00 | 101.00 | 3.51 | 4.07 | 20 | PVD TiAlCrSiN |
| 462.1-1950-088A1-XM | ● | ● | ● | ● | ● | 19.50 | 78.50 | 150.16 | 153.00 | 20.00 | 140.00 | 101.00 | 3.54 | 4.03 | 20 | PVD TiAlCrSiN |
| 462.1-1955-088A1-XM | ● | ● | ● | ● | ● | 19.55 | 78.40 | 150.15 | 153.00 | 20.00 | 140.00 | 101.00 | 3.56 | 4.01 | 20 | PVD TiAlCrSiN |
| 462.1-1980-089A1-XM | ● | ● | ● | ● | ● | 19.80 | 78.30 | 150.12 | 153.00 | 20.00 | 140.00 | 101.00 | 3.60 | 3.95 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

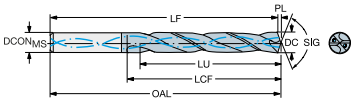
Metric (mm)

| | P | S | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0600-030A1-XM | ● | ● | ● | ● | ● | 6.00 | 30.87 | 81.13 | 82.00 | 6.00 | 140.00 | 44.00 | 1.09 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0800-040A1-XM | ● | ● | ● | ● | ● | 8.00 | 41.16 | 89.83 | 91.00 | 8.00 | 140.00 | 53.00 | 1.46 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-1000-050A1-XM | ● | ● | ● | ● | ● | 10.00 | 50.10 | 101.54 | 103.00 | 10.00 | 140.00 | 61.00 | 1.82 | 5.01 | 20 | PVD TiAlCrSiN |
| 462.1-1200-060A1-XM | ● | ● | ● | ● | ● | 12.00 | 58.10 | 116.25 | 118.00 | 12.00 | 140.00 | 71.00 | 2.18 | 4.84 | 20 | PVD TiAlCrSiN |
| 462.1-1400-063A1-XM | ● | ● | ● | ● | ● | 14.00 | 60.60 | 121.96 | 124.00 | 14.00 | 140.00 | 77.00 | 2.55 | 4.33 | 20 | PVD TiAlCrSiN |
| 462.1-1600-072A1-XM | ● | ● | ● | ● | ● | 16.00 | 65.20 | 130.67 | 133.00 | 16.00 | 140.00 | 83.00 | 2.91 | 4.07 | 20 | PVD TiAlCrSiN |
| 462.1-1800-081A1-XM | ● | ● | ● | ● | ● | 18.00 | 70.90 | 140.38 | 143.00 | 18.00 | 140.00 | 93.00 | 3.28 | 3.94 | 20 | PVD TiAlCrSiN |
| 462.1-2000-090A1-XM | ● | ● | ● | ● | ● | 20.00 | 78.20 | 150.09 | 153.00 | 20.00 | 140.00 | 101.00 | 3.64 | 3.91 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 8xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

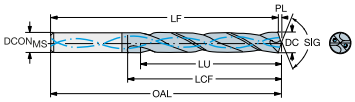
Metric (mm)

| | P | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0300-023A1-XM | ● | ● | ● | ● | 3.00 | 24.44 | 78.56 | 79.00 | 6.00 | 140.00 | 37.00 | 0.55 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0305-023A1-XM | ● | ● | ● | ● | 3.05 | 24.84 | 78.56 | 79.00 | 6.00 | 140.00 | 37.00 | 0.56 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0310-023A1-XM | ● | ● | ● | ● | 3.10 | 25.25 | 78.55 | 79.00 | 6.00 | 140.00 | 37.00 | 0.56 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0315-023A1-XM | ● | ● | ● | ● | 3.15 | 25.66 | 78.54 | 79.00 | 6.00 | 140.00 | 37.00 | 0.57 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0318-024A1-XM | ● | ● | ● | ● | 3.17 | 25.90 | 78.54 | 79.00 | 6.00 | 140.00 | 37.00 | 0.58 | 8.16 | 20 | PVD TiAlCrSiN |
| 462.1-0320-024A1-XM | ● | ● | ● | ● | 3.20 | 26.07 | 78.53 | 79.00 | 6.00 | 140.00 | 37.00 | 0.58 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0326-024A1-XM | ● | ● | ● | ● | 3.26 | 26.55 | 78.53 | 79.00 | 6.00 | 140.00 | 37.00 | 0.59 | 8.13 | 20 | PVD TiAlCrSiN |
| 462.1-0330-025A1-XM | ● | ● | ● | ● | 3.30 | 26.88 | 78.52 | 79.00 | 6.00 | 140.00 | 37.00 | 0.60 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0335-025A1-XM | ● | ● | ● | ● | 3.35 | 27.29 | 78.51 | 79.00 | 6.00 | 140.00 | 37.00 | 0.61 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0338-025A1-XM | ● | ● | ● | ● | 3.38 | 27.53 | 78.51 | 79.00 | 6.00 | 140.00 | 37.00 | 0.62 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0340-026A1-XM | ● | ● | ● | ● | 3.40 | 27.69 | 78.50 | 79.00 | 6.00 | 140.00 | 37.00 | 0.62 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0345-026A1-XM | ● | ● | ● | ● | 3.45 | 28.10 | 78.50 | 79.00 | 6.00 | 140.00 | 37.00 | 0.63 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0350-026A1-XM | ● | ● | ● | ● | 3.50 | 28.51 | 78.49 | 79.00 | 6.00 | 140.00 | 37.00 | 0.64 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0357-027A1-XM | ● | ● | ● | ● | 3.57 | 29.08 | 78.48 | 79.00 | 6.00 | 140.00 | 37.00 | 0.65 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0360-027A1-XM | ● | ● | ● | ● | 3.60 | 29.32 | 78.48 | 79.00 | 6.00 | 140.00 | 37.00 | 0.66 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0366-027A1-XM | ● | ● | ● | ● | 3.66 | 29.81 | 78.47 | 79.00 | 6.00 | 140.00 | 37.00 | 0.67 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0370-028A1-XM | ● | ● | ● | ● | 3.70 | 30.14 | 78.46 | 79.00 | 6.00 | 140.00 | 37.00 | 0.67 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0373-028A1-XM | ● | ● | ● | ● | 3.73 | 30.38 | 78.46 | 79.00 | 6.00 | 140.00 | 37.00 | 0.68 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0380-029A1-XM | ● | ● | ● | ● | 3.80 | 30.95 | 89.45 | 90.00 | 6.00 | 140.00 | 48.00 | 0.69 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0386-029A1-XM | ● | ● | ● | ● | 3.86 | 31.44 | 89.44 | 90.00 | 6.00 | 140.00 | 48.00 | 0.70 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0390-029A1-XM | ● | ● | ● | ● | 3.90 | 31.77 | 89.43 | 90.00 | 6.00 | 140.00 | 48.00 | 0.71 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0391-029A1-XM | ● | ● | ● | ● | 3.91 | 31.85 | 89.43 | 90.00 | 6.00 | 140.00 | 48.00 | 0.71 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0397-030A1-XM | ● | ● | ● | ● | 3.97 | 32.34 | 89.42 | 90.00 | 6.00 | 140.00 | 48.00 | 0.72 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0399-030A1-XM | ● | ● | ● | ● | 3.99 | 32.50 | 89.42 | 90.00 | 6.00 | 140.00 | 48.00 | 0.73 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0400-030A1-XM | ● | ● | ● | ● | 4.00 | 32.58 | 89.42 | 90.00 | 6.00 | 140.00 | 48.00 | 0.73 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0404-030A1-XM | ● | ● | ● | ● | 4.04 | 32.91 | 89.41 | 90.00 | 6.00 | 140.00 | 48.00 | 0.74 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0405-030A1-XM | ● | ● | ● | ● | 4.05 | 32.99 | 89.41 | 90.00 | 6.00 | 140.00 | 48.00 | 0.74 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0409-030A1-XM | ● | ● | ● | ● | 4.09 | 33.32 | 89.40 | 90.00 | 6.00 | 140.00 | 48.00 | 0.74 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0410-031A1-XM | ● | ● | ● | ● | 4.10 | 33.40 | 89.40 | 90.00 | 6.00 | 140.00 | 48.00 | 0.75 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0415-031A1-XM | ● | ● | ● | ● | 4.15 | 33.80 | 89.40 | 90.00 | 6.00 | 140.00 | 48.00 | 0.76 | 8.14 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 8xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

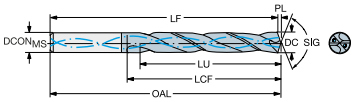
Metric (mm)

| | P | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0420-032A1-XM | ● | ● | ● | ● | 4.20 | 34.21 | 89.39 | 90.00 | 6.00 | 140.00 | 48.00 | 0.76 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0422-032A1-XM | ● | ● | ● | ● | 4.22 | 34.37 | 89.39 | 90.00 | 6.00 | 140.00 | 48.00 | 0.77 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0425-032A1-XM | ● | ● | ● | ● | 4.25 | 34.62 | 89.38 | 90.00 | 6.00 | 140.00 | 48.00 | 0.77 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0430-032A1-XM | ● | ● | ● | ● | 4.30 | 35.03 | 89.37 | 90.00 | 6.00 | 140.00 | 48.00 | 0.78 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0431-032A1-XM | ● | ● | ● | ● | 4.30 | 35.11 | 89.37 | 90.00 | 6.00 | 140.00 | 48.00 | 0.78 | 8.16 | 20 | PVD TiAlCrSiN |
| 462.1-0435-032A1-XM | ● | ● | ● | ● | 4.35 | 35.43 | 89.37 | 90.00 | 6.00 | 140.00 | 48.00 | 0.79 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0437-033A1-XM | ● | ● | ● | ● | 4.37 | 35.60 | 89.36 | 90.00 | 6.00 | 140.00 | 48.00 | 0.79 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0439-033A1-XM | ● | ● | ● | ● | 4.39 | 35.76 | 89.36 | 90.00 | 6.00 | 140.00 | 48.00 | 0.80 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0440-033A1-XM | ● | ● | ● | ● | 4.40 | 35.84 | 89.36 | 90.00 | 6.00 | 140.00 | 48.00 | 0.80 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0445-033A1-XM | ● | ● | ● | ● | 4.45 | 36.25 | 89.35 | 90.00 | 6.00 | 140.00 | 48.00 | 0.81 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0450-034A1-XM | ● | ● | ● | ● | 4.50 | 36.66 | 89.35 | 90.00 | 6.00 | 140.00 | 48.00 | 0.82 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0457-034A1-XM | ● | ● | ● | ● | 4.57 | 37.23 | 89.33 | 90.00 | 6.00 | 140.00 | 48.00 | 0.83 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0460-035A1-XM | ● | ● | ● | ● | 4.60 | 37.47 | 89.33 | 90.00 | 6.00 | 140.00 | 48.00 | 0.84 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0462-035A1-XM | ● | ● | ● | ● | 4.62 | 37.63 | 89.33 | 90.00 | 6.00 | 140.00 | 48.00 | 0.84 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0470-035A1-XM | ● | ● | ● | ● | 4.70 | 38.28 | 89.32 | 90.00 | 6.00 | 140.00 | 48.00 | 0.86 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0476-036A1-XM | ● | ● | ● | ● | 4.76 | 38.77 | 103.31 | 104.00 | 6.00 | 140.00 | 62.00 | 0.87 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0480-036A1-XM | ● | ● | ● | ● | 4.80 | 39.10 | 103.30 | 104.00 | 6.00 | 140.00 | 62.00 | 0.87 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0485-036A1-XM | ● | ● | ● | ● | 4.85 | 39.51 | 103.29 | 104.00 | 6.00 | 140.00 | 62.00 | 0.88 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0490-036A1-XM | ● | ● | ● | ● | 4.90 | 39.91 | 103.29 | 104.00 | 6.00 | 140.00 | 62.00 | 0.89 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0492-036A1-XM | ● | ● | ● | ● | 4.91 | 40.08 | 103.28 | 104.00 | 6.00 | 140.00 | 62.00 | 0.90 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0498-036A1-XM | ● | ● | ● | ● | 4.98 | 40.57 | 103.28 | 104.00 | 6.00 | 140.00 | 62.00 | 0.91 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0500-038A1-XM | ● | ● | ● | ● | 5.00 | 40.73 | 103.27 | 104.00 | 6.00 | 140.00 | 62.00 | 0.91 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0505-038A1-XM | ● | ● | ● | ● | 5.05 | 41.14 | 103.26 | 104.00 | 6.00 | 140.00 | 62.00 | 0.92 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0506-038A1-XM | ● | ● | ● | ● | 5.05 | 41.22 | 103.26 | 104.00 | 6.00 | 140.00 | 62.00 | 0.92 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0510-038A1-XM | ● | ● | ● | ● | 5.10 | 41.54 | 103.26 | 104.00 | 6.00 | 140.00 | 62.00 | 0.93 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0511-038A1-XM | ● | ● | ● | ● | 5.11 | 41.62 | 103.26 | 104.00 | 6.00 | 140.00 | 62.00 | 0.93 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0516-039A1-XM | ● | ● | ● | ● | 5.16 | 42.03 | 103.25 | 104.00 | 6.00 | 140.00 | 62.00 | 0.94 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0518-039A1-XM | ● | ● | ● | ● | 5.18 | 42.19 | 103.25 | 104.00 | 6.00 | 140.00 | 62.00 | 0.94 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0520-039A1-XM | ● | ● | ● | ● | 5.20 | 42.36 | 103.24 | 104.00 | 6.00 | 140.00 | 62.00 | 0.95 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0522-039A1-XM | ● | ● | ● | ● | 5.22 | 42.52 | 103.24 | 104.00 | 6.00 | 140.00 | 62.00 | 0.95 | 8.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 8xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

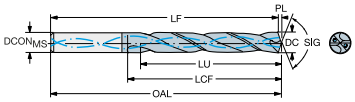
Metric (mm)

| | P | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0525-039A1-XM | ● | ● | ● | ● | 5.25 | 42.76 | 103.24 | 104.00 | 6.00 | 140.00 | 62.00 | 0.96 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0530-039A1-XM | ● | ● | ● | ● | 5.30 | 43.17 | 103.23 | 104.00 | 6.00 | 140.00 | 62.00 | 0.96 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0540-039A1-XM | ● | ● | ● | ● | 5.40 | 43.99 | 103.21 | 104.00 | 6.00 | 140.00 | 62.00 | 0.98 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0550-041A1-XM | ● | ● | ● | ● | 5.50 | 44.80 | 103.20 | 104.00 | 6.00 | 140.00 | 62.00 | 1.00 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0556-042A1-XM | ● | ● | ● | ● | 5.56 | 45.29 | 103.19 | 104.00 | 6.00 | 140.00 | 62.00 | 1.01 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0560-042A1-XM | ● | ● | ● | ● | 5.60 | 45.62 | 103.18 | 104.00 | 6.00 | 140.00 | 62.00 | 1.02 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0561-042A1-XM | ● | ● | ● | ● | 5.61 | 45.70 | 103.18 | 104.00 | 6.00 | 140.00 | 62.00 | 1.02 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0565-042A1-XM | ● | ● | ● | ● | 5.65 | 46.02 | 103.18 | 104.00 | 6.00 | 140.00 | 62.00 | 1.03 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0570-043A1-XM | ● | ● | ● | ● | 5.70 | 46.43 | 103.17 | 104.00 | 6.00 | 140.00 | 62.00 | 1.04 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0575-043A1-XM | ● | ● | ● | ● | 5.75 | 46.84 | 103.16 | 104.00 | 6.00 | 140.00 | 62.00 | 1.05 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0579-043A1-XM | ● | ● | ● | ● | 5.79 | 47.16 | 103.16 | 104.00 | 6.00 | 140.00 | 62.00 | 1.05 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0580-044A1-XM | ● | ● | ● | ● | 5.80 | 47.24 | 103.16 | 104.00 | 6.00 | 140.00 | 62.00 | 1.06 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0590-044A1-XM | ● | ● | ● | ● | 5.90 | 48.06 | 103.14 | 104.00 | 6.00 | 140.00 | 62.00 | 1.07 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0594-044A1-XM | ● | ● | ● | ● | 5.94 | 48.38 | 103.14 | 104.00 | 6.00 | 140.00 | 62.00 | 1.08 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0595-045A1-XM | ● | ● | ● | ● | 5.95 | 48.47 | 103.13 | 104.00 | 6.00 | 140.00 | 62.00 | 1.08 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0605-045A1-XM | ● | ● | ● | ● | 6.05 | 49.28 | 125.12 | 126.00 | 8.00 | 140.00 | 84.00 | 1.10 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0610-046A1-XM | ● | ● | ● | ● | 6.10 | 49.69 | 125.11 | 126.00 | 8.00 | 140.00 | 84.00 | 1.11 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0615-046A1-XM | ● | ● | ● | ● | 6.15 | 50.10 | 125.11 | 126.00 | 8.00 | 140.00 | 84.00 | 1.12 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0620-047A1-XM | ● | ● | ● | ● | 6.20 | 50.50 | 125.10 | 126.00 | 8.00 | 140.00 | 84.00 | 1.13 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0625-047A1-XM | ● | ● | ● | ● | 6.25 | 50.91 | 125.09 | 126.00 | 8.00 | 140.00 | 84.00 | 1.14 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0630-047A1-XM | ● | ● | ● | ● | 6.30 | 51.32 | 125.08 | 126.00 | 8.00 | 140.00 | 84.00 | 1.15 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0635-048A1-XM | ● | ● | ● | ● | 6.35 | 51.72 | 125.08 | 126.00 | 8.00 | 140.00 | 84.00 | 1.16 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0640-048A1-XM | ● | ● | ● | ● | 6.40 | 52.13 | 125.07 | 126.00 | 8.00 | 140.00 | 84.00 | 1.16 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0650-049A1-XM | ● | ● | ● | ● | 6.50 | 52.95 | 125.05 | 126.00 | 8.00 | 140.00 | 84.00 | 1.18 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0653-049A1-XM | ● | ● | ● | ● | 6.53 | 53.19 | 125.05 | 126.00 | 8.00 | 140.00 | 84.00 | 1.19 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0660-050A1-XM | ● | ● | ● | ● | 6.60 | 53.76 | 125.04 | 126.00 | 8.00 | 140.00 | 84.00 | 1.20 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0663-050A1-XM | ● | ● | ● | ● | 6.63 | 54.01 | 125.04 | 126.00 | 8.00 | 140.00 | 84.00 | 1.21 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0670-050A1-XM | ● | ● | ● | ● | 6.70 | 54.58 | 125.03 | 126.00 | 8.00 | 140.00 | 84.00 | 1.22 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0675-051A1-XM | ● | ● | ● | ● | 6.75 | 54.98 | 125.02 | 126.00 | 8.00 | 140.00 | 84.00 | 1.23 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0676-051A1-XM | ● | ● | ● | ● | 6.76 | 55.06 | 125.02 | 126.00 | 8.00 | 140.00 | 84.00 | 1.23 | 8.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 8xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

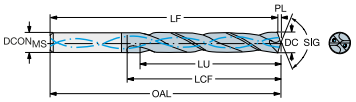
Metric (mm)

| | P | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0680-051A1-XM | ● | ● | ● | ● | 6.80 | 55.39 | 125.01 | 126.00 | 8.00 | 140.00 | 84.00 | 1.24 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0685-051A1-XM | ● | ● | ● | ● | 6.85 | 55.80 | 125.00 | 126.00 | 8.00 | 140.00 | 84.00 | 1.25 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0690-052A1-XM | ● | ● | ● | ● | 6.90 | 56.20 | 125.00 | 126.00 | 8.00 | 140.00 | 84.00 | 1.26 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0691-052A1-XM | ● | ● | ● | ● | 6.91 | 56.29 | 124.99 | 126.00 | 8.00 | 140.00 | 84.00 | 1.26 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0700-053A1-XM | ● | ● | ● | ● | 7.00 | 57.02 | 124.98 | 126.00 | 8.00 | 140.00 | 84.00 | 1.27 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0704-053A1-XM | ● | ● | ● | ● | 7.04 | 57.34 | 124.97 | 126.00 | 8.00 | 140.00 | 84.00 | 1.28 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0710-053A1-XM | ● | ● | ● | ● | 7.10 | 57.83 | 124.97 | 126.00 | 8.00 | 140.00 | 84.00 | 1.29 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0714-054A1-XM | ● | ● | ● | ● | 7.14 | 58.16 | 124.96 | 126.00 | 8.00 | 140.00 | 84.00 | 1.30 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0720-054A1-XM | ● | ● | ● | ● | 7.20 | 58.65 | 124.95 | 126.00 | 8.00 | 140.00 | 84.00 | 1.31 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0725-054A1-XM | ● | ● | ● | ● | 7.25 | 59.06 | 124.94 | 126.00 | 8.00 | 140.00 | 84.00 | 1.32 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0730-054A1-XM | ● | ● | ● | ● | 7.30 | 59.46 | 124.94 | 126.00 | 8.00 | 140.00 | 84.00 | 1.33 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0737-054A1-XM | ● | ● | ● | ● | 7.37 | 60.03 | 124.93 | 126.00 | 8.00 | 140.00 | 84.00 | 1.34 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0740-056A1-XM | ● | ● | ● | ● | 7.40 | 60.28 | 124.92 | 126.00 | 8.00 | 140.00 | 84.00 | 1.35 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0745-056A1-XM | ● | ● | ● | ● | 7.45 | 60.68 | 124.92 | 126.00 | 8.00 | 140.00 | 84.00 | 1.36 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0749-056A1-XM | ● | ● | ● | ● | 7.49 | 61.01 | 124.91 | 126.00 | 8.00 | 140.00 | 84.00 | 1.36 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0750-056A1-XM | ● | ● | ● | ● | 7.50 | 61.09 | 124.91 | 126.00 | 8.00 | 140.00 | 84.00 | 1.36 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0754-057A1-XM | ● | ● | ● | ● | 7.54 | 61.42 | 124.90 | 126.00 | 8.00 | 140.00 | 84.00 | 1.37 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0760-057A1-XM | ● | ● | ● | ● | 7.60 | 61.91 | 124.89 | 126.00 | 8.00 | 140.00 | 84.00 | 1.38 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0767-057A1-XM | ● | ● | ● | ● | 7.67 | 62.48 | 124.88 | 126.00 | 8.00 | 140.00 | 84.00 | 1.40 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0770-058A1-XM | ● | ● | ● | ● | 7.70 | 62.72 | 124.88 | 126.00 | 8.00 | 140.00 | 84.00 | 1.40 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0780-059A1-XM | ● | ● | ● | ● | 7.80 | 63.54 | 124.86 | 126.00 | 8.00 | 140.00 | 84.00 | 1.42 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0790-059A1-XM | ● | ● | ● | ● | 7.90 | 64.35 | 124.85 | 126.00 | 8.00 | 140.00 | 84.00 | 1.44 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0794-060A1-XM | ● | ● | ● | ● | 7.94 | 64.68 | 124.84 | 126.00 | 8.00 | 140.00 | 84.00 | 1.44 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0803-060A1-XM | ● | ● | ● | ● | 8.03 | 65.41 | 150.83 | 152.00 | 10.00 | 140.00 | 106.00 | 1.46 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0805-060A1-XM | ● | ● | ● | ● | 8.05 | 65.57 | 150.83 | 152.00 | 10.00 | 140.00 | 106.00 | 1.46 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0810-061A1-XM | ● | ● | ● | ● | 8.10 | 65.98 | 150.82 | 152.00 | 10.00 | 140.00 | 106.00 | 1.47 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0815-061A1-XM | ● | ● | ● | ● | 8.15 | 66.39 | 150.81 | 152.00 | 10.00 | 140.00 | 106.00 | 1.48 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0820-062A1-XM | ● | ● | ● | ● | 8.20 | 66.79 | 150.81 | 152.00 | 10.00 | 140.00 | 106.00 | 1.49 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0825-062A1-XM | ● | ● | ● | ● | 8.25 | 67.20 | 150.80 | 152.00 | 10.00 | 140.00 | 106.00 | 1.50 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0830-062A1-XM | ● | ● | ● | ● | 8.30 | 67.61 | 150.79 | 152.00 | 10.00 | 140.00 | 106.00 | 1.51 | 8.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 8xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

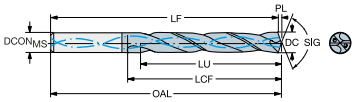
Metric (mm)

| | P | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0833-062A1-XM | ● | ● | ● | ● | 8.33 | 67.85 | 150.79 | 152.00 | 10.00 | 140.00 | 106.00 | 1.52 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0840-063A1-XM | ● | ● | ● | ● | 8.40 | 68.42 | 150.78 | 152.00 | 10.00 | 140.00 | 106.00 | 1.53 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0843-063A1-XM | ● | ● | ● | ● | 8.43 | 68.67 | 150.77 | 152.00 | 10.00 | 140.00 | 106.00 | 1.53 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0850-064A1-XM | ● | ● | ● | ● | 8.50 | 69.24 | 150.76 | 152.00 | 10.00 | 140.00 | 106.00 | 1.55 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0855-064A1-XM | ● | ● | ● | ● | 8.55 | 69.64 | 150.76 | 152.00 | 10.00 | 140.00 | 106.00 | 1.56 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0860-065A1-XM | ● | ● | ● | ● | 8.60 | 70.05 | 150.75 | 152.00 | 10.00 | 140.00 | 106.00 | 1.57 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0861-065A1-XM | ● | ● | ● | ● | 8.61 | 70.13 | 150.75 | 152.00 | 10.00 | 140.00 | 106.00 | 1.57 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0865-065A1-XM | ● | ● | ● | ● | 8.65 | 70.46 | 150.74 | 152.00 | 10.00 | 140.00 | 106.00 | 1.57 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0870-065A1-XM | ● | ● | ● | ● | 8.70 | 70.87 | 150.73 | 152.00 | 10.00 | 140.00 | 106.00 | 1.58 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0873-065A1-XM | ● | ● | ● | ● | 8.73 | 71.11 | 150.73 | 152.00 | 10.00 | 140.00 | 106.00 | 1.59 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0880-066A1-XM | ● | ● | ● | ● | 8.80 | 71.68 | 150.72 | 152.00 | 10.00 | 140.00 | 106.00 | 1.60 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0884-066A1-XM | ● | ● | ● | ● | 8.84 | 72.01 | 150.71 | 152.00 | 10.00 | 140.00 | 106.00 | 1.61 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0890-066A1-XM | ● | ● | ● | ● | 8.90 | 72.50 | 150.70 | 152.00 | 10.00 | 140.00 | 106.00 | 1.62 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0900-068A1-XM | ● | ● | ● | ● | 9.00 | 73.31 | 150.69 | 152.00 | 10.00 | 140.00 | 106.00 | 1.64 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0905-068A1-XM | ● | ● | ● | ● | 9.05 | 73.72 | 150.68 | 152.00 | 10.00 | 140.00 | 106.00 | 1.65 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0909-068A1-XM | ● | ● | ● | ● | 9.09 | 74.04 | 150.68 | 152.00 | 10.00 | 140.00 | 106.00 | 1.65 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-0910-068A1-XM | ● | ● | ● | ● | 9.10 | 74.12 | 150.68 | 152.00 | 10.00 | 140.00 | 106.00 | 1.66 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0913-068A1-XM | ● | ● | ● | ● | 9.13 | 74.37 | 150.67 | 152.00 | 10.00 | 140.00 | 106.00 | 1.66 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0920-068A1-XM | ● | ● | ● | ● | 9.20 | 74.94 | 150.66 | 152.00 | 10.00 | 140.00 | 106.00 | 1.67 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0925-068A1-XM | ● | ● | ● | ● | 9.25 | 75.35 | 150.65 | 152.00 | 10.00 | 140.00 | 106.00 | 1.68 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0930-070A1-XM | ● | ● | ● | ● | 9.30 | 75.75 | 150.65 | 152.00 | 10.00 | 140.00 | 106.00 | 1.69 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0935-070A1-XM | ● | ● | ● | ● | 9.35 | 76.16 | 150.64 | 152.00 | 10.00 | 140.00 | 106.00 | 1.70 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0940-070A1-XM | ● | ● | ● | ● | 9.40 | 76.57 | 150.63 | 152.00 | 10.00 | 140.00 | 106.00 | 1.71 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0950-071A1-XM | ● | ● | ● | ● | 9.50 | 77.38 | 150.62 | 152.00 | 10.00 | 140.00 | 106.00 | 1.73 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0953-071A1-XM | ● | ● | ● | ● | 9.52 | 77.63 | 150.61 | 152.00 | 10.00 | 140.00 | 106.00 | 1.73 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0958-071A1-XM | ● | ● | ● | ● | 9.58 | 78.03 | 150.60 | 152.00 | 10.00 | 140.00 | 106.00 | 1.74 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0960-071A1-XM | ● | ● | ● | ● | 9.60 | 78.20 | 150.60 | 152.00 | 10.00 | 140.00 | 106.00 | 1.75 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0965-071A1-XM | ● | ● | ● | ● | 9.65 | 78.60 | 150.60 | 152.00 | 10.00 | 140.00 | 106.00 | 1.76 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0970-071A1-XM | ● | ● | ● | ● | 9.70 | 79.01 | 150.59 | 152.00 | 10.00 | 140.00 | 106.00 | 1.77 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0980-074A1-XM | ● | ● | ● | ● | 9.80 | 79.83 | 150.57 | 152.00 | 10.00 | 140.00 | 106.00 | 1.78 | 8.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 8xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

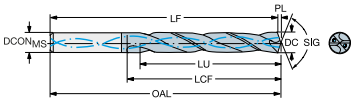
Metric (mm)

| | P | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0990-074A1-XM | ● | ● | ● | ● | 9.90 | 80.64 | 150.56 | 152.00 | 10.00 | 140.00 | 106.00 | 1.80 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0992-074A1-XM | ● | ● | ● | ● | 9.92 | 80.80 | 150.56 | 152.00 | 10.00 | 140.00 | 106.00 | 1.81 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-1005-075A1-XM | ● | ● | ● | ● | 10.05 | 81.86 | 178.54 | 180.00 | 12.00 | 140.00 | 128.00 | 1.83 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1008-075A1-XM | ● | ● | ● | ● | 10.08 | 82.11 | 178.53 | 180.00 | 12.00 | 140.00 | 128.00 | 1.83 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-1010-075A1-XM | ● | ● | ● | ● | 10.10 | 82.27 | 178.53 | 180.00 | 12.00 | 140.00 | 128.00 | 1.84 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1020-077A1-XM | ● | ● | ● | ● | 10.20 | 83.08 | 178.51 | 180.00 | 12.00 | 140.00 | 128.00 | 1.86 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1026-077A1-XM | ● | ● | ● | ● | 10.26 | 83.57 | 178.51 | 180.00 | 12.00 | 140.00 | 128.00 | 1.87 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-1030-077A1-XM | ● | ● | ● | ● | 10.30 | 83.90 | 178.50 | 180.00 | 12.00 | 140.00 | 128.00 | 1.87 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1032-077A1-XM | ● | ● | ● | ● | 10.32 | 84.06 | 178.50 | 180.00 | 12.00 | 140.00 | 128.00 | 1.88 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1040-078A1-XM | ● | ● | ● | ● | 10.40 | 84.71 | 178.49 | 180.00 | 12.00 | 140.00 | 128.00 | 1.89 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1045-078A1-XM | ● | ● | ● | ● | 10.45 | 85.12 | 178.48 | 180.00 | 12.00 | 140.00 | 128.00 | 1.90 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1049-078A1-XM | ● | ● | ● | ● | 10.49 | 85.45 | 178.47 | 180.00 | 12.00 | 140.00 | 128.00 | 1.91 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1050-079A1-XM | ● | ● | ● | ● | 10.50 | 85.53 | 178.47 | 180.00 | 12.00 | 140.00 | 128.00 | 1.91 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1055-079A1-XM | ● | ● | ● | ● | 10.55 | 85.94 | 178.46 | 180.00 | 12.00 | 140.00 | 128.00 | 1.92 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1060-079A1-XM | ● | ● | ● | ● | 10.60 | 86.34 | 178.46 | 180.00 | 12.00 | 140.00 | 128.00 | 1.93 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1065-079A1-XM | ● | ● | ● | ● | 10.65 | 86.75 | 178.45 | 180.00 | 12.00 | 140.00 | 128.00 | 1.94 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1070-079A1-XM | ● | ● | ● | ● | 10.70 | 87.16 | 178.44 | 180.00 | 12.00 | 140.00 | 128.00 | 1.95 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1072-080A1-XM | ● | ● | ● | ● | 10.72 | 87.32 | 178.44 | 180.00 | 12.00 | 140.00 | 128.00 | 1.95 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1075-080A1-XM | ● | ● | ● | ● | 10.75 | 87.57 | 178.43 | 180.00 | 12.00 | 140.00 | 128.00 | 1.96 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1080-080A1-XM | ● | ● | ● | ● | 10.80 | 87.97 | 178.43 | 180.00 | 12.00 | 140.00 | 128.00 | 1.97 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1090-080A1-XM | ● | ● | ● | ● | 10.90 | 88.79 | 178.41 | 180.00 | 12.00 | 140.00 | 128.00 | 1.98 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1100-083A1-XM | ● | ● | ● | ● | 11.00 | 89.60 | 178.40 | 180.00 | 12.00 | 140.00 | 128.00 | 2.00 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1111-083A1-XM | ● | ● | ● | ● | 11.11 | 90.50 | 178.38 | 180.00 | 12.00 | 140.00 | 128.00 | 2.02 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-1120-084A1-XM | ● | ● | ● | ● | 11.20 | 91.23 | 178.37 | 180.00 | 12.00 | 140.00 | 128.00 | 2.04 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1130-084A1-XM | ● | ● | ● | ● | 11.30 | 92.05 | 178.35 | 180.00 | 12.00 | 140.00 | 128.00 | 2.06 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1140-084A1-XM | ● | ● | ● | ● | 11.40 | 92.86 | 178.34 | 180.00 | 12.00 | 140.00 | 128.00 | 2.07 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1150-086A1-XM | ● | ● | ● | ● | 11.50 | 93.67 | 178.33 | 180.00 | 12.00 | 140.00 | 128.00 | 2.09 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1151-086A1-XM | ● | ● | ● | ● | 11.51 | 93.76 | 178.32 | 180.00 | 12.00 | 140.00 | 128.00 | 2.09 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1155-086A1-XM | ● | ● | ● | ● | 11.55 | 94.08 | 178.32 | 180.00 | 12.00 | 140.00 | 128.00 | 2.10 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1160-086A1-XM | ● | ● | ● | ● | 11.60 | 94.49 | 178.31 | 180.00 | 12.00 | 140.00 | 128.00 | 2.11 | 8.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 8xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

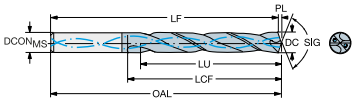
Metric (mm)

| | P | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-1170-086A1-XM | ● | ● | ● | ● | 11.70 | 95.30 | 178.30 | 180.00 | 12.00 | 140.00 | 128.00 | 2.13 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1180-089A1-XM | ● | ● | ● | ● | 11.80 | 96.12 | 178.28 | 180.00 | 12.00 | 140.00 | 128.00 | 2.15 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1191-089A1-XM | ● | ● | ● | ● | 11.91 | 97.01 | 178.27 | 180.00 | 12.00 | 140.00 | 128.00 | 2.17 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1205-090A1-XM | ● | ● | ● | ● | 12.05 | 98.15 | 200.25 | 202.00 | 14.00 | 140.00 | 151.00 | 2.19 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1210-090A1-XM | ● | ● | ● | ● | 12.10 | 98.56 | 200.24 | 202.00 | 14.00 | 140.00 | 151.00 | 2.20 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1220-092A1-XM | ● | ● | ● | ● | 12.20 | 99.38 | 200.22 | 202.00 | 14.00 | 140.00 | 151.00 | 2.22 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1225-092A1-XM | ● | ● | ● | ● | 12.25 | 99.78 | 200.22 | 202.00 | 14.00 | 140.00 | 151.00 | 2.23 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1230-092A1-XM | ● | ● | ● | ● | 12.30 | 100.19 | 200.21 | 202.00 | 14.00 | 140.00 | 151.00 | 2.24 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-1240-092A1-XM | ● | ● | ● | ● | 12.40 | 101.01 | 200.20 | 202.00 | 14.00 | 140.00 | 151.00 | 2.26 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1250-094A1-XM | ● | ● | ● | ● | 12.50 | 101.82 | 200.18 | 202.00 | 14.00 | 140.00 | 151.00 | 2.27 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1260-094A1-XM | ● | ● | ● | ● | 12.60 | 102.63 | 200.17 | 202.00 | 14.00 | 140.00 | 151.00 | 2.29 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1270-095A1-XM | ● | ● | ● | ● | 12.70 | 103.45 | 200.15 | 202.00 | 14.00 | 140.00 | 151.00 | 2.31 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1275-095A1-XM | ● | ● | ● | ● | 12.75 | 103.86 | 200.14 | 202.00 | 14.00 | 140.00 | 151.00 | 2.32 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1280-096A1-XM | ● | ● | ● | ● | 12.80 | 104.26 | 200.14 | 202.00 | 14.00 | 140.00 | 151.00 | 2.33 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1290-096A1-XM | ● | ● | ● | ● | 12.90 | 105.08 | 200.12 | 202.00 | 14.00 | 140.00 | 151.00 | 2.35 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1300-098A1-XM | ● | ● | ● | ● | 13.00 | 105.89 | 200.11 | 202.00 | 14.00 | 140.00 | 151.00 | 2.37 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1310-098A1-XM | ● | ● | ● | ● | 13.10 | 106.71 | 200.09 | 202.00 | 14.00 | 140.00 | 151.00 | 2.38 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1325-098A1-XM | ● | ● | ● | ● | 13.25 | 107.93 | 200.07 | 202.00 | 14.00 | 140.00 | 151.00 | 2.41 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1330-098A1-XM | ● | ● | ● | ● | 13.30 | 108.34 | 200.06 | 202.00 | 14.00 | 140.00 | 151.00 | 2.42 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1340-098A1-XM | ● | ● | ● | ● | 13.40 | 109.15 | 200.05 | 202.00 | 14.00 | 140.00 | 151.00 | 2.44 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1349-101A1-XM | ● | ● | ● | ● | 13.49 | 109.88 | 200.04 | 202.00 | 14.00 | 140.00 | 151.00 | 2.46 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-1350-101A1-XM | ● | ● | ● | ● | 13.50 | 109.97 | 200.04 | 202.00 | 14.00 | 140.00 | 151.00 | 2.46 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1355-101A1-XM | ● | ● | ● | ● | 13.55 | 110.37 | 200.03 | 202.00 | 14.00 | 140.00 | 151.00 | 2.47 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1365-101A1-XM | ● | ● | ● | ● | 13.65 | 111.19 | 200.01 | 202.00 | 14.00 | 140.00 | 151.00 | 2.48 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1370-103A1-XM | ● | ● | ● | ● | 13.70 | 111.59 | 200.01 | 202.00 | 14.00 | 140.00 | 151.00 | 2.49 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1375-103A1-XM | ● | ● | ● | ● | 13.75 | 112.00 | 200.00 | 202.00 | 14.00 | 140.00 | 151.00 | 2.50 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1380-103A1-XM | ● | ● | ● | ● | 13.80 | 112.41 | 199.99 | 202.00 | 14.00 | 140.00 | 151.00 | 2.51 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1389-104A1-XM | ● | ● | ● | ● | 13.89 | 113.14 | 199.98 | 202.00 | 14.00 | 140.00 | 151.00 | 2.53 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-1410-105A1-XM | ● | ● | ● | ● | 14.10 | 114.85 | 224.95 | 227.00 | 16.00 | 140.00 | 172.00 | 2.57 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1420-107A1-XM | ● | ● | ● | ● | 14.20 | 115.67 | 224.93 | 227.00 | 16.00 | 140.00 | 172.00 | 2.58 | 8.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 8xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

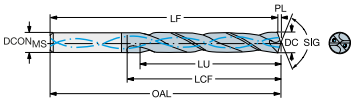
Metric (mm)

| | P | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-1425-107A1-XM | ● | ● | ● | ● | 14.25 | 116.07 | 224.93 | 227.00 | 16.00 | 140.00 | 172.00 | 2.59 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1429-107A1-XM | ● | ● | ● | ● | 14.29 | 116.40 | 224.92 | 227.00 | 16.00 | 140.00 | 172.00 | 2.60 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1430-107A1-XM | ● | ● | ● | ● | 14.30 | 116.48 | 224.92 | 227.00 | 16.00 | 140.00 | 172.00 | 2.60 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1450-109A1-XM | ● | ● | ● | ● | 14.50 | 118.11 | 224.89 | 227.00 | 16.00 | 140.00 | 172.00 | 2.64 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1455-109A1-XM | ● | ● | ● | ● | 14.55 | 118.52 | 224.88 | 227.00 | 16.00 | 140.00 | 172.00 | 2.65 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1460-109A1-XM | ● | ● | ● | ● | 14.60 | 118.93 | 224.87 | 227.00 | 16.00 | 140.00 | 172.00 | 2.66 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1468-110A1-XM | ● | ● | ● | ● | 14.68 | 119.58 | 224.86 | 227.00 | 16.00 | 140.00 | 172.00 | 2.67 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-1470-110A1-XM | ● | ● | ● | ● | 14.70 | 119.74 | 224.86 | 227.00 | 16.00 | 140.00 | 172.00 | 2.67 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1475-110A1-XM | ● | ● | ● | ● | 14.75 | 120.15 | 224.85 | 227.00 | 16.00 | 140.00 | 172.00 | 2.68 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1480-110A1-XM | ● | ● | ● | ● | 14.80 | 120.55 | 224.85 | 227.00 | 16.00 | 140.00 | 172.00 | 2.69 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1500-113A1-XM | ● | ● | ● | ● | 15.00 | 122.18 | 224.82 | 227.00 | 16.00 | 140.00 | 172.00 | 2.73 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1508-113A1-XM | ● | ● | ● | ● | 15.08 | 122.84 | 224.80 | 227.00 | 16.00 | 140.00 | 172.00 | 2.74 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1510-113A1-XM | ● | ● | ● | ● | 15.10 | 123.00 | 224.80 | 227.00 | 16.00 | 140.00 | 172.00 | 2.75 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1525-113A1-XM | ● | ● | ● | ● | 15.25 | 124.22 | 224.78 | 227.00 | 16.00 | 140.00 | 172.00 | 2.78 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1530-113A1-XM | ● | ● | ● | ● | 15.30 | 124.63 | 224.77 | 227.00 | 16.00 | 140.00 | 172.00 | 2.78 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1548-116A1-XM | ● | ● | ● | ● | 15.48 | 126.09 | 224.75 | 227.00 | 16.00 | 140.00 | 172.00 | 2.82 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1550-116A1-XM | ● | ● | ● | ● | 15.50 | 126.26 | 224.74 | 227.00 | 16.00 | 140.00 | 172.00 | 2.82 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1555-116A1-XM | ● | ● | ● | ● | 15.55 | 126.66 | 224.74 | 227.00 | 16.00 | 140.00 | 172.00 | 2.83 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1560-116A1-XM | ● | ● | ● | ● | 15.60 | 127.07 | 224.73 | 227.00 | 16.00 | 140.00 | 172.00 | 2.84 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1570-118A1-XM | ● | ● | ● | ● | 15.70 | 127.89 | 224.71 | 227.00 | 16.00 | 140.00 | 172.00 | 2.86 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1580-118A1-XM | ● | ● | ● | ● | 15.80 | 128.70 | 224.70 | 227.00 | 16.00 | 140.00 | 172.00 | 2.88 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1588-119A1-XM | ● | ● | ● | ● | 15.88 | 129.35 | 224.69 | 227.00 | 16.00 | 140.00 | 172.00 | 2.89 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1608-120A1-XM | ● | ● | ● | ● | 16.08 | 130.98 | 243.66 | 246.00 | 18.00 | 140.00 | 194.00 | 2.93 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1610-120A1-XM | ● | ● | ● | ● | 16.10 | 131.14 | 243.66 | 246.00 | 18.00 | 140.00 | 194.00 | 2.93 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1627-120A1-XM | ● | ● | ● | ● | 16.27 | 132.53 | 243.63 | 246.00 | 18.00 | 140.00 | 194.00 | 2.96 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-1630-120A1-XM | ● | ● | ● | ● | 16.30 | 132.77 | 243.63 | 246.00 | 18.00 | 140.00 | 194.00 | 2.97 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1650-120A1-XM | ● | ● | ● | ● | 16.50 | 134.40 | 243.60 | 246.00 | 18.00 | 140.00 | 194.00 | 3.00 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1655-120A1-XM | ● | ● | ● | ● | 16.55 | 134.81 | 243.59 | 246.00 | 18.00 | 140.00 | 194.00 | 3.01 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1667-120A1-XM | ● | ● | ● | ● | 16.67 | 135.79 | 243.57 | 246.00 | 18.00 | 140.00 | 194.00 | 3.03 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1675-120A1-XM | ● | ● | ● | ● | 16.75 | 136.44 | 243.56 | 246.00 | 18.00 | 140.00 | 194.00 | 3.05 | 8.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 8xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

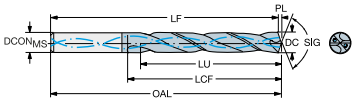
Metric (mm)

| | P | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-1680-120A1-XM | ● | ● | ● | ● | 16.80 | 136.85 | 243.55 | 246.00 | 18.00 | 140.00 | 194.00 | 3.06 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1690-120A1-XM | ● | ● | ● | ● | 16.90 | 137.66 | 243.54 | 246.00 | 18.00 | 140.00 | 194.00 | 3.08 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1700-128A1-XM | ● | ● | ● | ● | 17.00 | 138.47 | 243.52 | 246.00 | 18.00 | 140.00 | 194.00 | 3.09 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1707-128A1-XM | ● | ● | ● | ● | 17.07 | 139.05 | 243.51 | 246.00 | 18.00 | 140.00 | 194.00 | 3.11 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1710-128A1-XM | ● | ● | ● | ● | 17.10 | 139.29 | 243.51 | 246.00 | 18.00 | 140.00 | 194.00 | 3.11 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1730-128A1-XM | ● | ● | ● | ● | 17.30 | 140.92 | 243.48 | 246.00 | 18.00 | 140.00 | 194.00 | 3.15 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1746-128A1-XM | ● | ● | ● | ● | 17.46 | 142.22 | 243.46 | 246.00 | 18.00 | 140.00 | 194.00 | 3.18 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-1750-131A1-XM | ● | ● | ● | ● | 17.50 | 142.55 | 243.45 | 246.00 | 18.00 | 140.00 | 194.00 | 3.18 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1755-131A1-XM | ● | ● | ● | ● | 17.55 | 142.96 | 243.45 | 246.00 | 18.00 | 140.00 | 194.00 | 3.19 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1780-131A1-XM | ● | ● | ● | ● | 17.80 | 144.99 | 243.41 | 246.00 | 18.00 | 140.00 | 194.00 | 3.24 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1786-131A1-XM | ● | ● | ● | ● | 17.86 | 145.48 | 243.40 | 246.00 | 18.00 | 140.00 | 194.00 | 3.25 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1790-131A1-XM | ● | ● | ● | ● | 17.90 | 145.81 | 243.39 | 246.00 | 18.00 | 140.00 | 194.00 | 3.26 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1826-135A1-XM | ● | ● | ● | ● | 18.26 | 148.74 | 266.34 | 269.00 | 20.00 | 140.00 | 215.00 | 3.32 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1835-135A1-XM | ● | ● | ● | ● | 18.35 | 149.47 | 266.33 | 269.00 | 20.00 | 140.00 | 215.00 | 3.34 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1850-139A1-XM | ● | ● | ● | ● | 18.50 | 150.69 | 266.31 | 269.00 | 20.00 | 140.00 | 215.00 | 3.37 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1865-139A1-XM | ● | ● | ● | ● | 18.65 | 151.92 | 266.29 | 269.00 | 20.00 | 140.00 | 215.00 | 3.39 | 8.14 | 20 | PVD TiAlCrSiN |
| 462.1-1880-139A1-XM | ● | ● | ● | ● | 18.80 | 153.14 | 266.26 | 269.00 | 20.00 | 140.00 | 215.00 | 3.42 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1890-139A1-XM | ● | ● | ● | ● | 18.90 | 153.95 | 266.25 | 269.00 | 20.00 | 140.00 | 215.00 | 3.44 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1900-143A1-XM | ● | ● | ● | ● | 19.00 | 154.77 | 266.23 | 269.00 | 20.00 | 140.00 | 215.00 | 3.46 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1905-143A1-XM | ● | ● | ● | ● | 19.05 | 155.17 | 266.23 | 269.00 | 20.00 | 140.00 | 215.00 | 3.47 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1925-143A1-XM | ● | ● | ● | ● | 19.25 | 156.80 | 266.20 | 269.00 | 20.00 | 140.00 | 215.00 | 3.50 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1930-143A1-XM | ● | ● | ● | ● | 19.30 | 157.21 | 266.19 | 269.00 | 20.00 | 140.00 | 215.00 | 3.51 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1950-146A1-XM | ● | ● | ● | ● | 19.50 | 158.84 | 266.16 | 269.00 | 20.00 | 140.00 | 215.00 | 3.54 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1955-146A1-XM | ● | ● | ● | ● | 19.55 | 159.25 | 266.15 | 269.00 | 20.00 | 140.00 | 215.00 | 3.56 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1980-146A1-XM | ● | ● | ● | ● | 19.80 | 161.28 | 266.12 | 269.00 | 20.00 | 140.00 | 215.00 | 3.60 | 8.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 8xD. Internal coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

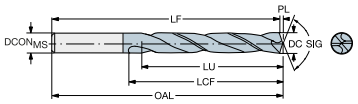
Metric (mm)

| | P | K | M | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0600-045A1-XM | ● | ● | ● | ● | 6.00 | 48.87 | 103.13 | 104.00 | 6.00 | 140.00 | 62.00 | 1.09 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-0800-060A1-XM | ● | ● | ● | ● | 8.00 | 65.16 | 124.83 | 126.00 | 8.00 | 140.00 | 84.00 | 1.46 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1000-075A1-XM | ● | ● | ● | ● | 10.00 | 81.46 | 150.54 | 152.00 | 10.00 | 140.00 | 106.00 | 1.82 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1200-090A1-XM | ● | ● | ● | ● | 12.00 | 97.75 | 178.25 | 180.00 | 12.00 | 140.00 | 128.00 | 2.18 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1400-105A1-XM | ● | ● | ● | ● | 14.00 | 114.04 | 199.96 | 202.00 | 14.00 | 140.00 | 151.00 | 2.55 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1600-120A1-XM | ● | ● | ● | ● | 16.00 | 130.33 | 224.67 | 227.00 | 16.00 | 140.00 | 172.00 | 2.91 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-1800-135A1-XM | ● | ● | ● | ● | 18.00 | 146.62 | 243.38 | 246.00 | 18.00 | 140.00 | 194.00 | 3.28 | 8.15 | 20 | PVD TiAlCrSiN |
| 462.1-2000-150A1-XM | ● | ● | ● | ● | 20.00 | 162.91 | 266.09 | 269.00 | 20.00 | 140.00 | 215.00 | 3.64 | 8.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

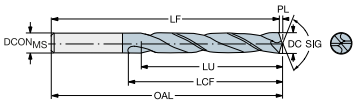
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0300-009A0-XM | ● | ● | ● | 3.00 | 9.44 | 61.56 | 62.00 | 6.00 | 140.00 | 20.00 | 0.55 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0305-009A0-XM | ● | ● | ● | 3.05 | 9.59 | 61.56 | 62.00 | 6.00 | 140.00 | 20.00 | 0.56 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0310-009A0-XM | ● | ● | ● | 3.10 | 9.75 | 61.55 | 62.00 | 6.00 | 140.00 | 20.00 | 0.56 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0315-009A0-XM | ● | ● | ● | 3.15 | 9.91 | 61.54 | 62.00 | 6.00 | 140.00 | 20.00 | 0.57 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0318-010A0-XM | ● | ● | ● | 3.17 | 10.00 | 61.54 | 62.00 | 6.00 | 140.00 | 20.00 | 0.58 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0320-010A0-XM | ● | ● | ● | 3.20 | 10.07 | 61.53 | 62.00 | 6.00 | 140.00 | 20.00 | 0.58 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0326-010A0-XM | ● | ● | ● | 3.26 | 10.25 | 61.53 | 62.00 | 6.00 | 140.00 | 20.00 | 0.59 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0330-010A0-XM | ● | ● | ● | 3.30 | 10.38 | 61.52 | 62.00 | 6.00 | 140.00 | 20.00 | 0.60 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0335-010A0-XM | ● | ● | ● | 3.35 | 10.54 | 61.51 | 62.00 | 6.00 | 140.00 | 20.00 | 0.61 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0338-010A0-XM | ● | ● | ● | 3.38 | 10.63 | 61.51 | 62.00 | 6.00 | 140.00 | 20.00 | 0.62 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0340-010A0-XM | ● | ● | ● | 3.40 | 10.69 | 61.51 | 62.00 | 6.00 | 140.00 | 20.00 | 0.62 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0345-010A0-XM | ● | ● | ● | 3.45 | 10.85 | 61.50 | 62.00 | 6.00 | 140.00 | 20.00 | 0.63 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0350-011A0-XM | ● | ● | ● | 3.50 | 11.01 | 61.49 | 62.00 | 6.00 | 140.00 | 20.00 | 0.64 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0357-011A0-XM | ● | ● | ● | 3.57 | 11.23 | 61.48 | 62.00 | 6.00 | 140.00 | 20.00 | 0.65 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0360-011A0-XM | ● | ● | ● | 3.60 | 11.32 | 61.48 | 62.00 | 6.00 | 140.00 | 20.00 | 0.66 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0366-011A0-XM | ● | ● | ● | 3.66 | 11.51 | 61.47 | 62.00 | 6.00 | 140.00 | 20.00 | 0.67 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0370-011A0-XM | ● | ● | ● | 3.70 | 11.64 | 61.46 | 62.00 | 6.00 | 140.00 | 20.00 | 0.67 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0373-011A0-XM | ● | ● | ● | 3.73 | 11.73 | 61.46 | 62.00 | 6.00 | 140.00 | 20.00 | 0.68 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0380-011A0-XM | ● | ● | ● | 3.80 | 11.95 | 65.45 | 66.00 | 6.00 | 140.00 | 24.00 | 0.69 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0386-011A0-XM | ● | ● | ● | 3.86 | 12.14 | 65.44 | 66.00 | 6.00 | 140.00 | 24.00 | 0.70 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0390-012A0-XM | ● | ● | ● | 3.90 | 12.27 | 65.43 | 66.00 | 6.00 | 140.00 | 24.00 | 0.71 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0391-012A0-XM | ● | ● | ● | 3.91 | 12.30 | 65.43 | 66.00 | 6.00 | 140.00 | 24.00 | 0.71 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0397-012A0-XM | ● | ● | ● | 3.97 | 12.49 | 65.42 | 66.00 | 6.00 | 140.00 | 24.00 | 0.72 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0399-012A0-XM | ● | ● | ● | 3.99 | 12.55 | 65.42 | 66.00 | 6.00 | 140.00 | 24.00 | 0.73 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0400-012A0-XM | ● | ● | ● | 4.00 | 12.58 | 65.42 | 66.00 | 6.00 | 140.00 | 24.00 | 0.73 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0404-012A0-XM | ● | ● | ● | 4.04 | 12.71 | 65.41 | 66.00 | 6.00 | 140.00 | 24.00 | 0.74 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0405-012A0-XM | ● | ● | ● | 4.05 | 12.74 | 65.41 | 66.00 | 6.00 | 140.00 | 24.00 | 0.74 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0409-012A0-XM | ● | ● | ● | 4.09 | 12.87 | 65.40 | 66.00 | 6.00 | 140.00 | 24.00 | 0.74 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0410-012A0-XM | ● | ● | ● | 4.10 | 12.90 | 65.40 | 66.00 | 6.00 | 140.00 | 24.00 | 0.75 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0415-012A0-XM | ● | ● | ● | 4.15 | 13.05 | 65.40 | 66.00 | 6.00 | 140.00 | 24.00 | 0.76 | 3.14 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

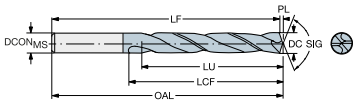
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0420-013A0-XM | ● | ● | ● | 4.20 | 13.21 | 65.39 | 66.00 | 6.00 | 140.00 | 24.00 | 0.76 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0422-013A0-XM | ● | ● | ● | 4.22 | 13.27 | 65.39 | 66.00 | 6.00 | 140.00 | 24.00 | 0.77 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0425-013A0-XM | ● | ● | ● | 4.25 | 13.37 | 65.38 | 66.00 | 6.00 | 140.00 | 24.00 | 0.77 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0430-013A0-XM | ● | ● | ● | 4.30 | 13.53 | 65.37 | 66.00 | 6.00 | 140.00 | 24.00 | 0.78 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0431-013A0-XM | ● | ● | ● | 4.30 | 13.56 | 65.37 | 66.00 | 6.00 | 140.00 | 24.00 | 0.78 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0435-013A0-XM | ● | ● | ● | 4.35 | 13.68 | 65.37 | 66.00 | 6.00 | 140.00 | 24.00 | 0.79 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0437-013A0-XM | ● | ● | ● | 4.37 | 13.75 | 65.36 | 66.00 | 6.00 | 140.00 | 24.00 | 0.79 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0439-013A0-XM | ● | ● | ● | 4.39 | 13.81 | 65.36 | 66.00 | 6.00 | 140.00 | 24.00 | 0.80 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0440-013A0-XM | ● | ● | ● | 4.40 | 13.84 | 65.36 | 66.00 | 6.00 | 140.00 | 24.00 | 0.80 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0445-013A0-XM | ● | ● | ● | 4.45 | 14.00 | 65.35 | 66.00 | 6.00 | 140.00 | 24.00 | 0.81 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0450-014A0-XM | ● | ● | ● | 4.50 | 14.16 | 65.35 | 66.00 | 6.00 | 140.00 | 24.00 | 0.82 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0457-014A0-XM | ● | ● | ● | 4.57 | 14.38 | 65.33 | 66.00 | 6.00 | 140.00 | 24.00 | 0.83 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0460-014A0-XM | ● | ● | ● | 4.60 | 14.47 | 65.33 | 66.00 | 6.00 | 140.00 | 24.00 | 0.84 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0462-014A0-XM | ● | ● | ● | 4.62 | 14.53 | 65.33 | 66.00 | 6.00 | 140.00 | 24.00 | 0.84 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0470-014A0-XM | ● | ● | ● | 4.70 | 14.78 | 65.32 | 66.00 | 6.00 | 140.00 | 24.00 | 0.86 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0476-014A0-XM | ● | ● | ● | 4.76 | 14.97 | 65.31 | 66.00 | 6.00 | 140.00 | 28.00 | 0.87 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0480-014A0-XM | ● | ● | ● | 4.80 | 15.10 | 65.30 | 66.00 | 6.00 | 140.00 | 28.00 | 0.87 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0485-014A0-XM | ● | ● | ● | 4.85 | 15.26 | 65.29 | 66.00 | 6.00 | 140.00 | 28.00 | 0.88 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0490-015A0-XM | ● | ● | ● | 4.90 | 15.41 | 65.29 | 66.00 | 6.00 | 140.00 | 28.00 | 0.89 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0492-015A0-XM | ● | ● | ● | 4.91 | 15.48 | 65.28 | 66.00 | 6.00 | 140.00 | 28.00 | 0.90 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0498-015A0-XM | ● | ● | ● | 4.98 | 15.67 | 65.28 | 66.00 | 6.00 | 140.00 | 28.00 | 0.91 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0500-015A0-XM | ● | ● | ● | 5.00 | 15.73 | 65.27 | 66.00 | 6.00 | 140.00 | 28.00 | 0.91 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0505-015A0-XM | ● | ● | ● | 5.05 | 15.89 | 65.26 | 66.00 | 6.00 | 140.00 | 28.00 | 0.92 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0506-015A0-XM | ● | ● | ● | 5.05 | 15.92 | 65.26 | 66.00 | 6.00 | 140.00 | 28.00 | 0.92 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0510-015A0-XM | ● | ● | ● | 5.10 | 16.04 | 65.26 | 66.00 | 6.00 | 140.00 | 28.00 | 0.93 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0511-015A0-XM | ● | ● | ● | 5.11 | 16.07 | 65.26 | 66.00 | 6.00 | 140.00 | 28.00 | 0.93 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0516-016A0-XM | ● | ● | ● | 5.16 | 16.23 | 65.25 | 66.00 | 6.00 | 140.00 | 28.00 | 0.94 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0518-016A0-XM | ● | ● | ● | 5.18 | 16.29 | 65.25 | 66.00 | 6.00 | 140.00 | 28.00 | 0.94 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0520-016A0-XM | ● | ● | ● | 5.20 | 16.36 | 65.24 | 66.00 | 6.00 | 140.00 | 28.00 | 0.95 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0522-016A0-XM | ● | ● | ● | 5.22 | 16.42 | 65.24 | 66.00 | 6.00 | 140.00 | 28.00 | 0.95 | 3.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

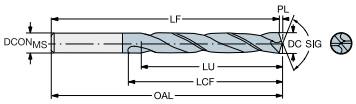
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0525-016A0-XM | ● | ● | ● | 5.25 | 16.51 | 65.24 | 66.00 | 6.00 | 140.00 | 28.00 | 0.96 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0530-016A0-XM | ● | ● | ● | 5.30 | 16.67 | 65.23 | 66.00 | 6.00 | 140.00 | 28.00 | 0.96 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0540-016A0-XM | ● | ● | ● | 5.40 | 16.99 | 65.21 | 66.00 | 6.00 | 140.00 | 28.00 | 0.98 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0550-017A0-XM | ● | ● | ● | 5.50 | 17.30 | 65.20 | 66.00 | 6.00 | 140.00 | 28.00 | 1.00 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0556-017A0-XM | ● | ● | ● | 5.56 | 17.49 | 65.19 | 66.00 | 6.00 | 140.00 | 28.00 | 1.01 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0560-017A0-XM | ● | ● | ● | 5.60 | 17.62 | 65.18 | 66.00 | 6.00 | 140.00 | 28.00 | 1.02 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0561-017A0-XM | ● | ● | ● | 5.61 | 17.65 | 65.18 | 66.00 | 6.00 | 140.00 | 28.00 | 1.02 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0565-017A0-XM | ● | ● | ● | 5.65 | 17.77 | 65.18 | 66.00 | 6.00 | 140.00 | 28.00 | 1.03 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0570-017A0-XM | ● | ● | ● | 5.70 | 17.93 | 65.17 | 66.00 | 6.00 | 140.00 | 28.00 | 1.04 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0575-017A0-XM | ● | ● | ● | 5.75 | 18.09 | 65.16 | 66.00 | 6.00 | 140.00 | 28.00 | 1.05 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0579-017A0-XM | ● | ● | ● | 5.79 | 18.21 | 65.16 | 66.00 | 6.00 | 140.00 | 28.00 | 1.05 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0580-017A0-XM | ● | ● | ● | 5.80 | 18.24 | 65.16 | 66.00 | 6.00 | 140.00 | 28.00 | 1.06 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0590-017A0-XM | ● | ● | ● | 5.90 | 18.56 | 65.14 | 66.00 | 6.00 | 140.00 | 28.00 | 1.07 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0594-017A0-XM | ● | ● | ● | 5.94 | 18.68 | 65.14 | 66.00 | 6.00 | 140.00 | 28.00 | 1.08 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0595-018A0-XM | ● | ● | ● | 5.95 | 18.72 | 65.13 | 66.00 | 6.00 | 140.00 | 28.00 | 1.08 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0605-018A0-XM | ● | ● | ● | 6.05 | 19.03 | 78.12 | 79.00 | 8.00 | 140.00 | 34.00 | 1.10 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0610-018A0-XM | ● | ● | ● | 6.10 | 19.19 | 78.11 | 79.00 | 8.00 | 140.00 | 34.00 | 1.11 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0615-018A0-XM | ● | ● | ● | 6.15 | 19.35 | 78.11 | 79.00 | 8.00 | 140.00 | 34.00 | 1.12 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0620-019A0-XM | ● | ● | ● | 6.20 | 19.50 | 78.10 | 79.00 | 8.00 | 140.00 | 34.00 | 1.13 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0625-019A0-XM | ● | ● | ● | 6.25 | 19.66 | 78.09 | 79.00 | 8.00 | 140.00 | 34.00 | 1.14 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0630-019A0-XM | ● | ● | ● | 6.30 | 19.82 | 78.08 | 79.00 | 8.00 | 140.00 | 34.00 | 1.15 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0635-019A0-XM | ● | ● | ● | 6.35 | 19.97 | 78.08 | 79.00 | 8.00 | 140.00 | 34.00 | 1.16 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0640-019A0-XM | ● | ● | ● | 6.40 | 20.13 | 78.07 | 79.00 | 8.00 | 140.00 | 34.00 | 1.16 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0650-020A0-XM | ● | ● | ● | 6.50 | 20.45 | 78.05 | 79.00 | 8.00 | 140.00 | 34.00 | 1.18 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0653-020A0-XM | ● | ● | ● | 6.53 | 20.54 | 78.05 | 79.00 | 8.00 | 140.00 | 34.00 | 1.19 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0660-020A0-XM | ● | ● | ● | 6.60 | 20.76 | 78.04 | 79.00 | 8.00 | 140.00 | 34.00 | 1.20 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0663-020A0-XM | ● | ● | ● | 6.63 | 20.86 | 78.04 | 79.00 | 8.00 | 140.00 | 34.00 | 1.21 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0670-020A0-XM | ● | ● | ● | 6.70 | 21.08 | 78.03 | 79.00 | 8.00 | 140.00 | 34.00 | 1.22 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0675-020A0-XM | ● | ● | ● | 6.75 | 21.23 | 78.02 | 79.00 | 8.00 | 140.00 | 34.00 | 1.23 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0676-020A0-XM | ● | ● | ● | 6.76 | 21.26 | 78.02 | 79.00 | 8.00 | 140.00 | 34.00 | 1.23 | 3.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

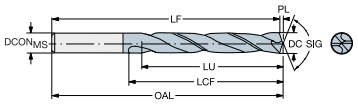
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0680-020A0-XM | ● | ● | ● | 6.80 | 21.39 | 78.01 | 79.00 | 8.00 | 140.00 | 34.00 | 1.24 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0685-020A0-XM | ● | ● | ● | 6.85 | 21.55 | 78.00 | 79.00 | 8.00 | 140.00 | 34.00 | 1.25 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0690-021A0-XM | ● | ● | ● | 6.90 | 21.70 | 78.00 | 79.00 | 8.00 | 140.00 | 34.00 | 1.26 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0691-021A0-XM | ● | ● | ● | 6.91 | 21.74 | 77.99 | 79.00 | 8.00 | 140.00 | 34.00 | 1.26 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0700-021A0-XM | ● | ● | ● | 7.00 | 22.02 | 77.98 | 79.00 | 8.00 | 140.00 | 34.00 | 1.27 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0704-021A0-XM | ● | ● | ● | 7.04 | 22.14 | 77.97 | 79.00 | 8.00 | 140.00 | 41.00 | 1.28 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0710-021A0-XM | ● | ● | ● | 7.10 | 22.33 | 77.97 | 79.00 | 8.00 | 140.00 | 41.00 | 1.29 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0714-021A0-XM | ● | ● | ● | 7.14 | 22.46 | 77.96 | 79.00 | 8.00 | 140.00 | 41.00 | 1.30 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0720-021A0-XM | ● | ● | ● | 7.20 | 22.65 | 77.95 | 79.00 | 8.00 | 140.00 | 41.00 | 1.31 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0725-021A0-XM | ● | ● | ● | 7.25 | 22.81 | 77.94 | 79.00 | 8.00 | 140.00 | 41.00 | 1.32 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0730-022A0-XM | ● | ● | ● | 7.30 | 22.96 | 77.94 | 79.00 | 8.00 | 140.00 | 41.00 | 1.33 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0737-022A0-XM | ● | ● | ● | 7.37 | 23.18 | 77.93 | 79.00 | 8.00 | 140.00 | 41.00 | 1.34 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0740-022A0-XM | ● | ● | ● | 7.40 | 23.28 | 77.92 | 79.00 | 8.00 | 140.00 | 41.00 | 1.35 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0745-022A0-XM | ● | ● | ● | 7.45 | 23.43 | 77.92 | 79.00 | 8.00 | 140.00 | 41.00 | 1.36 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0749-022A0-XM | ● | ● | ● | 7.49 | 23.56 | 77.91 | 79.00 | 8.00 | 140.00 | 41.00 | 1.36 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0750-023A0-XM | ● | ● | ● | 7.50 | 23.59 | 77.91 | 79.00 | 8.00 | 140.00 | 41.00 | 1.36 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0754-023A0-XM | ● | ● | ● | 7.54 | 23.72 | 77.90 | 79.00 | 8.00 | 140.00 | 41.00 | 1.37 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0760-023A0-XM | ● | ● | ● | 7.60 | 23.91 | 77.89 | 79.00 | 8.00 | 140.00 | 41.00 | 1.38 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0767-023A0-XM | ● | ● | ● | 7.67 | 24.13 | 77.88 | 79.00 | 8.00 | 140.00 | 41.00 | 1.40 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0770-023A0-XM | ● | ● | ● | 7.70 | 24.22 | 77.88 | 79.00 | 8.00 | 140.00 | 41.00 | 1.40 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0780-023A0-XM | ● | ● | ● | 7.80 | 24.54 | 77.86 | 79.00 | 8.00 | 140.00 | 41.00 | 1.42 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0790-024A0-XM | ● | ● | ● | 7.90 | 24.85 | 77.85 | 79.00 | 8.00 | 140.00 | 41.00 | 1.44 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0794-024A0-XM | ● | ● | ● | 7.94 | 24.98 | 77.84 | 79.00 | 8.00 | 140.00 | 41.00 | 1.44 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0803-024A0-XM | ● | ● | ● | 8.03 | 25.26 | 87.83 | 89.00 | 10.00 | 140.00 | 47.00 | 1.46 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0805-024A0-XM | ● | ● | ● | 8.05 | 25.32 | 87.83 | 89.00 | 10.00 | 140.00 | 47.00 | 1.46 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0810-024A0-XM | ● | ● | ● | 8.10 | 25.48 | 87.82 | 89.00 | 10.00 | 140.00 | 47.00 | 1.47 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0815-024A0-XM | ● | ● | ● | 8.15 | 25.64 | 87.81 | 89.00 | 10.00 | 140.00 | 47.00 | 1.48 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0820-025A0-XM | ● | ● | ● | 8.20 | 25.79 | 87.81 | 89.00 | 10.00 | 140.00 | 47.00 | 1.49 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0825-025A0-XM | ● | ● | ● | 8.25 | 25.95 | 87.80 | 89.00 | 10.00 | 140.00 | 47.00 | 1.50 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0830-025A0-XM | ● | ● | ● | 8.30 | 26.11 | 87.79 | 89.00 | 10.00 | 140.00 | 47.00 | 1.51 | 3.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

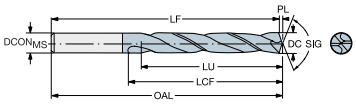
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0833-025A0-XM | ● | ● | ● | 8.33 | 26.20 | 87.79 | 89.00 | 10.00 | 140.00 | 47.00 | 1.52 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0840-025A0-XM | ● | ● | ● | 8.40 | 26.42 | 87.78 | 89.00 | 10.00 | 140.00 | 47.00 | 1.53 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0843-025A0-XM | ● | ● | ● | 8.43 | 26.52 | 87.77 | 89.00 | 10.00 | 140.00 | 47.00 | 1.53 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0850-026A0-XM | ● | ● | ● | 8.50 | 26.74 | 87.76 | 89.00 | 10.00 | 140.00 | 47.00 | 1.55 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0855-026A0-XM | ● | ● | ● | 8.55 | 26.89 | 87.75 | 89.00 | 10.00 | 140.00 | 47.00 | 1.56 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0860-026A0-XM | ● | ● | ● | 8.60 | 27.05 | 87.75 | 89.00 | 10.00 | 140.00 | 47.00 | 1.57 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0861-026A0-XM | ● | ● | ● | 8.61 | 27.08 | 87.75 | 89.00 | 10.00 | 140.00 | 47.00 | 1.57 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0865-026A0-XM | ● | ● | ● | 8.65 | 27.21 | 87.74 | 89.00 | 10.00 | 140.00 | 47.00 | 1.57 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0870-026A0-XM | ● | ● | ● | 8.70 | 27.37 | 87.73 | 89.00 | 10.00 | 140.00 | 47.00 | 1.58 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0873-026A0-XM | ● | ● | ● | 8.73 | 27.46 | 87.73 | 89.00 | 10.00 | 140.00 | 47.00 | 1.59 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0880-026A0-XM | ● | ● | ● | 8.80 | 27.68 | 87.72 | 89.00 | 10.00 | 140.00 | 47.00 | 1.60 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0884-026A0-XM | ● | ● | ● | 8.84 | 27.81 | 87.71 | 89.00 | 10.00 | 140.00 | 47.00 | 1.61 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0890-026A0-XM | ● | ● | ● | 8.90 | 28.00 | 87.70 | 89.00 | 10.00 | 140.00 | 47.00 | 1.62 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0900-027A0-XM | ● | ● | ● | 9.00 | 28.31 | 87.69 | 89.00 | 10.00 | 140.00 | 47.00 | 1.64 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0905-027A0-XM | ● | ● | ● | 9.05 | 28.47 | 87.68 | 89.00 | 10.00 | 140.00 | 47.00 | 1.65 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0909-027A0-XM | ● | ● | ● | 9.09 | 28.59 | 87.68 | 89.00 | 10.00 | 140.00 | 47.00 | 1.65 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-0910-027A0-XM | ● | ● | ● | 9.10 | 28.62 | 87.68 | 89.00 | 10.00 | 140.00 | 47.00 | 1.66 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0913-027A0-XM | ● | ● | ● | 9.13 | 28.72 | 87.67 | 89.00 | 10.00 | 140.00 | 47.00 | 1.66 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0920-027A0-XM | ● | ● | ● | 9.20 | 28.94 | 87.66 | 89.00 | 10.00 | 140.00 | 47.00 | 1.67 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0925-027A0-XM | ● | ● | ● | 9.25 | 29.10 | 87.65 | 89.00 | 10.00 | 140.00 | 47.00 | 1.68 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0930-028A0-XM | ● | ● | ● | 9.30 | 29.25 | 87.65 | 89.00 | 10.00 | 140.00 | 47.00 | 1.69 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0935-028A0-XM | ● | ● | ● | 9.35 | 29.41 | 87.64 | 89.00 | 10.00 | 140.00 | 47.00 | 1.70 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0940-028A0-XM | ● | ● | ● | 9.40 | 29.57 | 87.63 | 89.00 | 10.00 | 140.00 | 47.00 | 1.71 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0950-029A0-XM | ● | ● | ● | 9.50 | 29.88 | 87.62 | 89.00 | 10.00 | 140.00 | 47.00 | 1.73 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0953-029A0-XM | ● | ● | ● | 9.52 | 29.98 | 87.61 | 89.00 | 10.00 | 140.00 | 47.00 | 1.73 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0958-029A0-XM | ● | ● | ● | 9.58 | 30.13 | 87.61 | 89.00 | 10.00 | 140.00 | 47.00 | 1.74 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0960-029A0-XM | ● | ● | ● | 9.60 | 30.20 | 87.60 | 89.00 | 10.00 | 140.00 | 47.00 | 1.75 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0965-029A0-XM | ● | ● | ● | 9.65 | 30.35 | 87.60 | 89.00 | 10.00 | 140.00 | 47.00 | 1.76 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0970-029A0-XM | ● | ● | ● | 9.70 | 30.51 | 87.59 | 89.00 | 10.00 | 140.00 | 47.00 | 1.77 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0980-029A0-XM | ● | ● | ● | 9.80 | 30.83 | 87.57 | 89.00 | 10.00 | 140.00 | 47.00 | 1.78 | 3.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

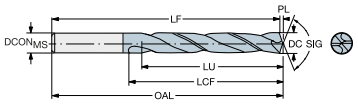
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0990-030A0-XM | ● | ● | ● | 9.90 | 31.14 | 87.56 | 89.00 | 10.00 | 140.00 | 47.00 | 1.80 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-0992-030A0-XM | ● | ● | ● | 9.92 | 31.20 | 87.56 | 89.00 | 10.00 | 140.00 | 47.00 | 1.81 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1005-030A0-XM | ● | ● | ● | 10.05 | 31.61 | 100.54 | 102.00 | 12.00 | 140.00 | 55.00 | 1.83 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1008-030A0-XM | ● | ● | ● | 10.08 | 31.71 | 100.53 | 102.00 | 12.00 | 140.00 | 55.00 | 1.83 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1010-030A0-XM | ● | ● | ● | 10.10 | 31.77 | 100.53 | 102.00 | 12.00 | 140.00 | 55.00 | 1.84 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1020-031A0-XM | ● | ● | ● | 10.20 | 32.08 | 100.51 | 102.00 | 12.00 | 140.00 | 55.00 | 1.86 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1026-031A0-XM | ● | ● | ● | 10.26 | 32.27 | 100.51 | 102.00 | 12.00 | 140.00 | 55.00 | 1.87 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1030-031A0-XM | ● | ● | ● | 10.30 | 32.40 | 100.50 | 102.00 | 12.00 | 140.00 | 55.00 | 1.87 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1032-031A0-XM | ● | ● | ● | 10.32 | 32.46 | 100.50 | 102.00 | 12.00 | 140.00 | 55.00 | 1.88 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1040-031A0-XM | ● | ● | ● | 10.40 | 32.71 | 100.49 | 102.00 | 12.00 | 140.00 | 55.00 | 1.89 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1045-031A0-XM | ● | ● | ● | 10.45 | 32.87 | 100.48 | 102.00 | 12.00 | 140.00 | 55.00 | 1.90 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1049-031A0-XM | ● | ● | ● | 10.49 | 33.00 | 100.47 | 102.00 | 12.00 | 140.00 | 55.00 | 1.91 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1050-032A0-XM | ● | ● | ● | 10.50 | 33.03 | 100.47 | 102.00 | 12.00 | 140.00 | 55.00 | 1.91 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1055-032A0-XM | ● | ● | ● | 10.55 | 33.19 | 100.46 | 102.00 | 12.00 | 140.00 | 55.00 | 1.92 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1060-032A0-XM | ● | ● | ● | 10.60 | 33.34 | 100.46 | 102.00 | 12.00 | 140.00 | 55.00 | 1.93 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1065-032A0-XM | ● | ● | ● | 10.65 | 33.50 | 100.45 | 102.00 | 12.00 | 140.00 | 55.00 | 1.94 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1070-032A0-XM | ● | ● | ● | 10.70 | 33.66 | 100.44 | 102.00 | 12.00 | 140.00 | 55.00 | 1.95 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1072-032A0-XM | ● | ● | ● | 10.72 | 33.72 | 100.44 | 102.00 | 12.00 | 140.00 | 55.00 | 1.95 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1075-032A0-XM | ● | ● | ● | 10.75 | 33.82 | 100.43 | 102.00 | 12.00 | 140.00 | 55.00 | 1.96 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1080-032A0-XM | ● | ● | ● | 10.80 | 33.97 | 100.43 | 102.00 | 12.00 | 140.00 | 55.00 | 1.97 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1090-032A0-XM | ● | ● | ● | 10.90 | 34.29 | 100.41 | 102.00 | 12.00 | 140.00 | 55.00 | 1.98 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1100-033A0-XM | ● | ● | ● | 11.00 | 34.60 | 100.40 | 102.00 | 12.00 | 140.00 | 55.00 | 2.00 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1111-033A0-XM | ● | ● | ● | 11.11 | 34.95 | 100.38 | 102.00 | 12.00 | 140.00 | 55.00 | 2.02 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1120-034A0-XM | ● | ● | ● | 11.20 | 35.23 | 100.37 | 102.00 | 12.00 | 140.00 | 55.00 | 2.04 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1130-034A0-XM | ● | ● | ● | 11.30 | 35.55 | 100.36 | 102.00 | 12.00 | 140.00 | 55.00 | 2.06 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1140-034A0-XM | ● | ● | ● | 11.40 | 35.86 | 100.34 | 102.00 | 12.00 | 140.00 | 55.00 | 2.07 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1150-035A0-XM | ● | ● | ● | 11.50 | 36.17 | 100.33 | 102.00 | 12.00 | 140.00 | 55.00 | 2.09 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1151-035A0-XM | ● | ● | ● | 11.51 | 36.21 | 100.32 | 102.00 | 12.00 | 140.00 | 55.00 | 2.09 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1155-035A0-XM | ● | ● | ● | 11.55 | 36.33 | 100.32 | 102.00 | 12.00 | 140.00 | 55.00 | 2.10 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1160-035A0-XM | ● | ● | ● | 11.60 | 36.49 | 100.31 | 102.00 | 12.00 | 140.00 | 55.00 | 2.11 | 3.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

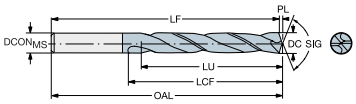
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **DCON$_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-1170-035A0-XM | ● | ● | ● | 11.70 | 36.80 | 100.30 | 102.00 | 12.00 | 140.00 | 55.00 | 2.13 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1180-035A0-XM | ● | ● | ● | 11.80 | 37.12 | 100.28 | 102.00 | 12.00 | 140.00 | 55.00 | 2.15 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1191-036A0-XM | ● | ● | ● | 11.91 | 37.46 | 100.27 | 102.00 | 12.00 | 140.00 | 55.00 | 2.17 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1205-036A0-XM | ● | ● | ● | 12.05 | 37.90 | 105.25 | 107.00 | 14.00 | 140.00 | 60.00 | 2.19 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1210-036A0-XM | ● | ● | ● | 12.10 | 38.06 | 105.24 | 107.00 | 14.00 | 140.00 | 60.00 | 2.20 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1220-037A0-XM | ● | ● | ● | 12.20 | 38.38 | 105.22 | 107.00 | 14.00 | 140.00 | 60.00 | 2.22 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1225-037A0-XM | ● | ● | ● | 12.25 | 38.53 | 105.22 | 107.00 | 14.00 | 140.00 | 60.00 | 2.23 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1230-037A0-XM | ● | ● | ● | 12.30 | 38.69 | 105.21 | 107.00 | 14.00 | 140.00 | 60.00 | 2.24 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1240-037A0-XM | ● | ● | ● | 12.40 | 39.01 | 105.19 | 107.00 | 14.00 | 140.00 | 60.00 | 2.26 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1250-038A0-XM | ● | ● | ● | 12.50 | 39.32 | 105.18 | 107.00 | 14.00 | 140.00 | 60.00 | 2.27 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1260-038A0-XM | ● | ● | ● | 12.60 | 39.63 | 105.17 | 107.00 | 14.00 | 140.00 | 60.00 | 2.29 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1270-038A0-XM | ● | ● | ● | 12.70 | 39.95 | 105.15 | 107.00 | 14.00 | 140.00 | 60.00 | 2.31 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1275-038A0-XM | ● | ● | ● | 12.75 | 40.11 | 105.14 | 107.00 | 14.00 | 140.00 | 60.00 | 2.32 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1280-038A0-XM | ● | ● | ● | 12.80 | 40.26 | 105.14 | 107.00 | 14.00 | 140.00 | 60.00 | 2.33 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1290-038A0-XM | ● | ● | ● | 12.90 | 40.58 | 105.12 | 107.00 | 14.00 | 140.00 | 60.00 | 2.35 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1300-039A0-XM | ● | ● | ● | 13.00 | 40.89 | 105.11 | 107.00 | 14.00 | 140.00 | 60.00 | 2.37 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1310-039A0-XM | ● | ● | ● | 13.10 | 41.21 | 105.09 | 107.00 | 14.00 | 140.00 | 60.00 | 2.38 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1325-039A0-XM | ● | ● | ● | 13.25 | 41.68 | 105.07 | 107.00 | 14.00 | 140.00 | 60.00 | 2.41 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1330-039A0-XM | ● | ● | ● | 13.30 | 41.84 | 105.06 | 107.00 | 14.00 | 140.00 | 60.00 | 2.42 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1340-039A0-XM | ● | ● | ● | 13.40 | 42.15 | 105.05 | 107.00 | 14.00 | 140.00 | 60.00 | 2.44 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1349-041A0-XM | ● | ● | ● | 13.49 | 42.43 | 105.04 | 107.00 | 14.00 | 140.00 | 60.00 | 2.46 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1350-041A0-XM | ● | ● | ● | 13.50 | 42.47 | 105.04 | 107.00 | 14.00 | 140.00 | 60.00 | 2.46 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1355-041A0-XM | ● | ● | ● | 13.55 | 42.62 | 105.03 | 107.00 | 14.00 | 140.00 | 60.00 | 2.47 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1365-041A0-XM | ● | ● | ● | 13.65 | 42.94 | 105.01 | 107.00 | 14.00 | 140.00 | 60.00 | 2.48 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1370-041A0-XM | ● | ● | ● | 13.70 | 43.09 | 105.00 | 107.00 | 14.00 | 140.00 | 60.00 | 2.49 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1375-041A0-XM | ● | ● | ● | 13.75 | 43.25 | 105.00 | 107.00 | 14.00 | 140.00 | 60.00 | 2.50 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1380-041A0-XM | ● | ● | ● | 13.80 | 43.41 | 104.99 | 107.00 | 14.00 | 140.00 | 60.00 | 2.51 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1389-042A0-XM | ● | ● | ● | 13.89 | 43.69 | 104.98 | 107.00 | 14.00 | 140.00 | 60.00 | 2.53 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1410-042A0-XM | ● | ● | ● | 14.10 | 44.35 | 112.95 | 115.00 | 16.00 | 140.00 | 65.00 | 2.57 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1420-042A0-XM | ● | ● | ● | 14.20 | 44.67 | 112.93 | 115.00 | 16.00 | 140.00 | 65.00 | 2.58 | 3.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

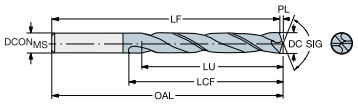
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-1425-043A0-XM | ● | ● | ● | 14.25 | 44.82 | 112.93 | 115.00 | 16.00 | 140.00 | 65.00 | 2.59 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1429-043A0-XM | ● | ● | ● | 14.29 | 44.95 | 112.92 | 115.00 | 16.00 | 140.00 | 65.00 | 2.60 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1430-043A0-XM | ● | ● | ● | 14.30 | 44.98 | 112.92 | 115.00 | 16.00 | 140.00 | 65.00 | 2.60 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1450-044A0-XM | ● | ● | ● | 14.50 | 45.61 | 112.89 | 115.00 | 16.00 | 140.00 | 65.00 | 2.64 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1455-044A0-XM | ● | ● | ● | 14.55 | 45.77 | 112.88 | 115.00 | 16.00 | 140.00 | 65.00 | 2.65 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1460-044A0-XM | ● | ● | ● | 14.60 | 45.93 | 112.87 | 115.00 | 16.00 | 140.00 | 65.00 | 2.66 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1468-044A0-XM | ● | ● | ● | 14.68 | 46.18 | 112.86 | 115.00 | 16.00 | 140.00 | 65.00 | 2.67 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1470-044A0-XM | ● | ● | ● | 14.70 | 46.24 | 112.86 | 115.00 | 16.00 | 140.00 | 65.00 | 2.67 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1475-044A0-XM | ● | ● | ● | 14.75 | 46.40 | 112.85 | 115.00 | 16.00 | 140.00 | 65.00 | 2.68 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1480-044A0-XM | ● | ● | ● | 14.80 | 46.55 | 112.85 | 115.00 | 16.00 | 140.00 | 65.00 | 2.69 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1500-045A0-XM | ● | ● | ● | 15.00 | 47.18 | 112.82 | 115.00 | 16.00 | 140.00 | 65.00 | 2.73 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1508-045A0-XM | ● | ● | ● | 15.08 | 47.44 | 112.81 | 115.00 | 16.00 | 140.00 | 65.00 | 2.74 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1510-045A0-XM | ● | ● | ● | 15.10 | 47.50 | 112.80 | 115.00 | 16.00 | 140.00 | 65.00 | 2.75 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1525-045A0-XM | ● | ● | ● | 15.25 | 47.90 | 112.78 | 115.00 | 16.00 | 140.00 | 65.00 | 2.78 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1530-045A0-XM | ● | ● | ● | 15.30 | 47.80 | 112.77 | 115.00 | 16.00 | 140.00 | 65.00 | 2.78 | 3.12 | 20 | PVD TiAlCrSiN |
| 462.1-1548-046A0-XM | ● | ● | ● | 15.48 | 47.60 | 112.75 | 115.00 | 16.00 | 140.00 | 65.00 | 2.82 | 3.08 | 20 | PVD TiAlCrSiN |
| 462.1-1550-047A0-XM | ● | ● | ● | 15.50 | 47.60 | 112.74 | 115.00 | 16.00 | 140.00 | 65.00 | 2.82 | 3.07 | 20 | PVD TiAlCrSiN |
| 462.1-1555-047A0-XM | ● | ● | ● | 15.55 | 47.60 | 112.74 | 115.00 | 16.00 | 140.00 | 65.00 | 2.83 | 3.06 | 20 | PVD TiAlCrSiN |
| 462.1-1560-047A0-XM | ● | ● | ● | 15.60 | 47.50 | 112.73 | 115.00 | 16.00 | 140.00 | 65.00 | 2.84 | 3.04 | 20 | PVD TiAlCrSiN |
| 462.1-1570-047A0-XM | ● | ● | ● | 15.70 | 47.50 | 112.71 | 115.00 | 16.00 | 140.00 | 65.00 | 2.86 | 3.03 | 20 | PVD TiAlCrSiN |
| 462.1-1580-047A0-XM | ● | ● | ● | 15.80 | 47.40 | 112.70 | 115.00 | 16.00 | 140.00 | 65.00 | 2.88 | 3.00 | 20 | PVD TiAlCrSiN |
| 462.1-1588-047A0-XM | ● | ● | ● | 15.88 | 47.30 | 112.69 | 115.00 | 16.00 | 140.00 | 65.00 | 2.89 | 2.98 | 20 | PVD TiAlCrSiN |
| 462.1-1608-048A0-XM | ● | ● | ● | 16.08 | 50.58 | 120.66 | 123.00 | 18.00 | 140.00 | 73.00 | 2.93 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1610-048A0-XM | ● | ● | ● | 16.10 | 50.64 | 120.66 | 123.00 | 18.00 | 140.00 | 73.00 | 2.93 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1627-049A0-XM | ● | ● | ● | 16.27 | 51.18 | 120.63 | 123.00 | 18.00 | 140.00 | 73.00 | 2.96 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1630-049A0-XM | ● | ● | ● | 16.30 | 51.27 | 120.63 | 123.00 | 18.00 | 140.00 | 73.00 | 2.97 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1650-050A0-XM | ● | ● | ● | 16.50 | 51.90 | 120.60 | 123.00 | 18.00 | 140.00 | 73.00 | 3.00 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1655-050A0-XM | ● | ● | ● | 16.55 | 52.06 | 120.59 | 123.00 | 18.00 | 140.00 | 73.00 | 3.01 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1667-050A0-XM | ● | ● | ● | 16.67 | 52.44 | 120.57 | 123.00 | 18.00 | 140.00 | 73.00 | 3.03 | 3.15 | 20 | PVD TiAlCrSiN |
| 462.1-1675-050A0-XM | ● | ● | ● | 16.75 | 52.69 | 120.56 | 123.00 | 18.00 | 140.00 | 73.00 | 3.05 | 3.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

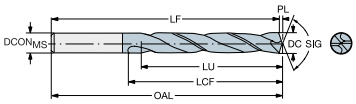
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-1680-050A0-XM | ● | ● | ● | 16.80 | 52.70 | 120.55 | 123.00 | 18.00 | 140.00 | 73.00 | 3.06 | 3.14 | 20 | PVD TiAlCrSiN |
| 462.1-1690-050A0-XM | ● | ● | ● | 16.90 | 52.50 | 120.54 | 123.00 | 18.00 | 140.00 | 73.00 | 3.08 | 3.11 | 20 | PVD TiAlCrSiN |
| 462.1-1700-051A0-XM | ● | ● | ● | 17.00 | 52.40 | 120.53 | 123.00 | 18.00 | 140.00 | 73.00 | 3.09 | 3.08 | 20 | PVD TiAlCrSiN |
| 462.1-1707-051A0-XM | ● | ● | ● | 17.07 | 52.30 | 120.51 | 123.00 | 18.00 | 140.00 | 73.00 | 3.11 | 3.06 | 20 | PVD TiAlCrSiN |
| 462.1-1710-051A0-XM | ● | ● | ● | 17.10 | 52.30 | 120.51 | 123.00 | 18.00 | 140.00 | 73.00 | 3.11 | 3.06 | 20 | PVD TiAlCrSiN |
| 462.1-1730-051A0-XM | ● | ● | ● | 17.30 | 52.00 | 120.48 | 123.00 | 18.00 | 140.00 | 73.00 | 3.15 | 3.01 | 20 | PVD TiAlCrSiN |
| 462.1-1746-052A0-XM | ● | ● | ● | 17.46 | 51.70 | 120.46 | 123.00 | 18.00 | 140.00 | 73.00 | 3.18 | 2.96 | 20 | PVD TiAlCrSiN |
| 462.1-1750-053A0-XM | ● | ● | ● | 17.50 | 51.70 | 120.45 | 123.00 | 18.00 | 140.00 | 73.00 | 3.18 | 2.95 | 20 | PVD TiAlCrSiN |
| 462.1-1755-053A0-XM | ● | ● | ● | 17.55 | 51.60 | 120.44 | 123.00 | 18.00 | 140.00 | 73.00 | 3.19 | 2.94 | 20 | PVD TiAlCrSiN |
| 462.1-1780-053A0-XM | ● | ● | ● | 17.80 | 51.20 | 120.41 | 123.00 | 18.00 | 140.00 | 73.00 | 3.24 | 2.88 | 20 | PVD TiAlCrSiN |
| 462.1-1786-054A0-XM | ● | ● | ● | 17.86 | 51.10 | 120.40 | 123.00 | 18.00 | 140.00 | 73.00 | 3.25 | 2.86 | 20 | PVD TiAlCrSiN |
| 462.1-1790-054A0-XM | ● | ● | ● | 17.90 | 51.10 | 120.39 | 123.00 | 18.00 | 140.00 | 73.00 | 3.26 | 2.85 | 20 | PVD TiAlCrSiN |
| 462.1-1826-055A0-XM | ● | ● | ● | 18.26 | 57.10 | 128.34 | 131.00 | 20.00 | 140.00 | 79.00 | 3.32 | 3.13 | 20 | PVD TiAlCrSiN |
| 462.1-1835-055A0-XM | ● | ● | ● | 18.35 | 57.00 | 128.33 | 131.00 | 20.00 | 140.00 | 79.00 | 3.34 | 3.11 | 20 | PVD TiAlCrSiN |
| 462.1-1850-056A0-XM | ● | ● | ● | 18.50 | 57.00 | 128.31 | 131.00 | 20.00 | 140.00 | 79.00 | 3.37 | 3.08 | 20 | PVD TiAlCrSiN |
| 462.1-1865-056A0-XM | ● | ● | ● | 18.65 | 56.90 | 128.29 | 131.00 | 20.00 | 140.00 | 79.00 | 3.39 | 3.05 | 20 | PVD TiAlCrSiN |
| 462.1-1880-056A0-XM | ● | ● | ● | 18.80 | 56.80 | 128.26 | 131.00 | 20.00 | 140.00 | 79.00 | 3.42 | 3.02 | 20 | PVD TiAlCrSiN |
| 462.1-1890-056A0-XM | ● | ● | ● | 18.90 | 56.80 | 128.25 | 131.00 | 20.00 | 140.00 | 79.00 | 3.44 | 3.01 | 20 | PVD TiAlCrSiN |
| 462.1-1900-057A0-XM | ● | ● | ● | 19.00 | 56.70 | 128.23 | 131.00 | 20.00 | 140.00 | 79.00 | 3.46 | 2.98 | 20 | PVD TiAlCrSiN |
| 462.1-1905-057A0-XM | ● | ● | ● | 19.05 | 56.70 | 128.23 | 131.00 | 20.00 | 140.00 | 79.00 | 3.47 | 2.98 | 20 | PVD TiAlCrSiN |
| 462.1-1925-057A0-XM | ● | ● | ● | 19.25 | 56.60 | 128.20 | 131.00 | 20.00 | 140.00 | 79.00 | 3.50 | 2.94 | 20 | PVD TiAlCrSiN |
| 462.1-1930-057A0-XM | ● | ● | ● | 19.30 | 56.60 | 128.19 | 131.00 | 20.00 | 140.00 | 79.00 | 3.51 | 2.93 | 20 | PVD TiAlCrSiN |
| 462.1-1950-059A0-XM | ● | ● | ● | 19.50 | 56.50 | 128.16 | 131.00 | 20.00 | 140.00 | 79.00 | 3.54 | 2.90 | 20 | PVD TiAlCrSiN |
| 462.1-1955-059A0-XM | ● | ● | ● | 19.55 | 56.40 | 128.15 | 131.00 | 20.00 | 140.00 | 79.00 | 3.56 | 2.88 | 20 | PVD TiAlCrSiN |
| 462.1-1980-059A0-XM | ● | ● | ● | 19.80 | 56.30 | 128.12 | 131.00 | 20.00 | 140.00 | 79.00 | 3.60 | 2.84 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 3xD. External coolant supply



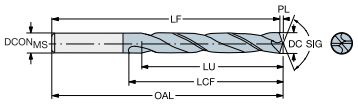

Metric (mm)

| | P | K | N | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LCF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **TCHA** | **LF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** |
| 462.1-0600-018A0-XM | ● | ● | ● | 6.00 | 18.87 | 28.00 | 66.00 | 6.00 | 140.00 | h6 | H9 | 65.13 | 1.09 | 3.14 | 20 |
| 462.1-0800-024A0-XM | ● | ● | ● | 8.00 | 25.16 | 41.00 | 79.00 | 8.00 | 140.00 | h6 | H9 | 77.83 | 1.46 | 3.14 | 20 |
| 462.1-1000-030A0-XM | ● | ● | ● | 10.00 | 31.46 | 47.00 | 89.00 | 10.00 | 140.00 | h6 | H9 | 87.54 | 1.82 | 3.15 | 20 |
| 462.1-1200-036A0-XM | ● | ● | ● | 12.00 | 37.75 | 55.00 | 102.00 | 12.00 | 140.00 | h6 | H9 | 100.25 | 2.18 | 3.15 | 20 |
| 462.1-1400-042A0-XM | ● | ● | ● | 14.00 | 43.60 | 60.00 | 107.00 | 14.00 | 140.00 | h6 | H9 | 104.96 | 2.55 | 3.11 | 20 |
| 462.1-1600-048A0-XM | ● | ● | ● | 16.00 | 47.20 | 65.00 | 115.00 | 16.00 | 140.00 | h6 | H9 | 112.67 | 2.91 | 2.95 | 20 |
| 462.1-1800-054A0-XM | ● | ● | ● | 18.00 | 50.90 | 73.00 | 123.00 | 18.00 | 140.00 | h6 | H9 | 120.38 | 3.28 | 2.83 | 20 |
| 462.1-2000-060A0-XM | ● | ● | ● | 20.00 | 56.20 | 79.00 | 131.00 | 20.00 | 140.00 | h6 | H9 | 128.09 | 3.64 | 2.81 | 20 |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

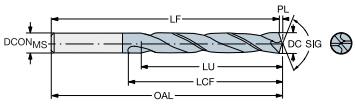
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0300-015A0-XM | ● | ● | ● | 3.00 | 15.44 | 65.56 | 66.00 | 6.00 | 140.00 | 28.00 | 0.55 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0305-015A0-XM | ● | ● | ● | 3.05 | 15.69 | 65.56 | 66.00 | 6.00 | 140.00 | 28.00 | 0.56 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0310-016A0-XM | ● | ● | ● | 3.10 | 15.95 | 65.55 | 66.00 | 6.00 | 140.00 | 28.00 | 0.56 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0315-016A0-XM | ● | ● | ● | 3.15 | 16.21 | 65.54 | 66.00 | 6.00 | 140.00 | 28.00 | 0.57 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0318-016A0-XM | ● | ● | ● | 3.17 | 16.36 | 65.54 | 66.00 | 6.00 | 140.00 | 28.00 | 0.58 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0320-016A0-XM | ● | ● | ● | 3.20 | 16.47 | 65.53 | 66.00 | 6.00 | 140.00 | 28.00 | 0.58 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0326-016A0-XM | ● | ● | ● | 3.26 | 16.77 | 65.53 | 66.00 | 6.00 | 140.00 | 28.00 | 0.59 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0330-017A0-XM | ● | ● | ● | 3.30 | 16.98 | 65.52 | 66.00 | 6.00 | 140.00 | 28.00 | 0.60 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0335-017A0-XM | ● | ● | ● | 3.35 | 17.24 | 65.51 | 66.00 | 6.00 | 140.00 | 28.00 | 0.61 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0338-017A0-XM | ● | ● | ● | 3.38 | 17.39 | 65.51 | 66.00 | 6.00 | 140.00 | 28.00 | 0.62 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0340-017A0-XM | ● | ● | ● | 3.40 | 17.49 | 65.50 | 66.00 | 6.00 | 140.00 | 28.00 | 0.62 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0345-017A0-XM | ● | ● | ● | 3.45 | 17.75 | 65.50 | 66.00 | 6.00 | 140.00 | 28.00 | 0.63 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0350-018A0-XM | ● | ● | ● | 3.50 | 18.01 | 65.49 | 66.00 | 6.00 | 140.00 | 28.00 | 0.64 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0357-018A0-XM | ● | ● | ● | 3.57 | 18.37 | 65.48 | 66.00 | 6.00 | 140.00 | 28.00 | 0.65 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0360-018A0-XM | ● | ● | ● | 3.60 | 18.52 | 65.48 | 66.00 | 6.00 | 140.00 | 28.00 | 0.66 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0366-018A0-XM | ● | ● | ● | 3.66 | 18.83 | 65.47 | 66.00 | 6.00 | 140.00 | 28.00 | 0.67 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0370-019A0-XM | ● | ● | ● | 3.70 | 19.04 | 65.46 | 66.00 | 6.00 | 140.00 | 28.00 | 0.67 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0373-019A0-XM | ● | ● | ● | 3.73 | 19.19 | 65.46 | 66.00 | 6.00 | 140.00 | 28.00 | 0.68 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0380-019A0-XM | ● | ● | ● | 3.80 | 19.55 | 73.45 | 74.00 | 6.00 | 140.00 | 36.00 | 0.69 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0386-019A0-XM | ● | ● | ● | 3.86 | 19.86 | 73.44 | 74.00 | 6.00 | 140.00 | 36.00 | 0.70 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0390-020A0-XM | ● | ● | ● | 3.90 | 20.07 | 73.43 | 74.00 | 6.00 | 140.00 | 36.00 | 0.71 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0391-020A0-XM | ● | ● | ● | 3.91 | 20.12 | 73.43 | 74.00 | 6.00 | 140.00 | 36.00 | 0.71 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0397-020A0-XM | ● | ● | ● | 3.97 | 20.43 | 73.42 | 74.00 | 6.00 | 140.00 | 36.00 | 0.72 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0399-020A0-XM | ● | ● | ● | 3.99 | 20.53 | 73.42 | 74.00 | 6.00 | 140.00 | 36.00 | 0.73 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0400-020A0-XM | ● | ● | ● | 4.00 | 20.58 | 73.42 | 74.00 | 6.00 | 140.00 | 36.00 | 0.73 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0404-020A0-XM | ● | ● | ● | 4.04 | 20.79 | 73.41 | 74.00 | 6.00 | 140.00 | 36.00 | 0.74 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0405-020A0-XM | ● | ● | ● | 4.05 | 20.84 | 73.41 | 74.00 | 6.00 | 140.00 | 36.00 | 0.74 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0409-020A0-XM | ● | ● | ● | 4.09 | 21.05 | 73.40 | 74.00 | 6.00 | 140.00 | 36.00 | 0.74 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0410-021A0-XM | ● | ● | ● | 4.10 | 21.10 | 73.40 | 74.00 | 6.00 | 140.00 | 36.00 | 0.75 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0415-021A0-XM | ● | ● | ● | 4.15 | 21.35 | 73.40 | 74.00 | 6.00 | 140.00 | 36.00 | 0.76 | 5.14 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

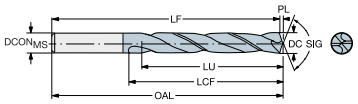
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0420-021A0-XM | ● | ● | ● | 4.20 | 21.61 | 73.39 | 74.00 | 6.00 | 140.00 | 36.00 | 0.76 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0422-021A0-XM | ● | ● | ● | 4.22 | 21.71 | 73.39 | 74.00 | 6.00 | 140.00 | 36.00 | 0.77 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0425-021A0-XM | ● | ● | ● | 4.25 | 21.87 | 73.38 | 74.00 | 6.00 | 140.00 | 36.00 | 0.77 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0430-022A0-XM | ● | ● | ● | 4.30 | 22.13 | 73.37 | 74.00 | 6.00 | 140.00 | 36.00 | 0.78 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0431-022A0-XM | ● | ● | ● | 4.30 | 22.18 | 73.37 | 74.00 | 6.00 | 140.00 | 36.00 | 0.78 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0435-022A0-XM | ● | ● | ● | 4.35 | 22.38 | 73.37 | 74.00 | 6.00 | 140.00 | 36.00 | 0.79 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0437-022A0-XM | ● | ● | ● | 4.37 | 22.49 | 73.36 | 74.00 | 6.00 | 140.00 | 36.00 | 0.79 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0439-022A0-XM | ● | ● | ● | 4.39 | 22.59 | 73.36 | 74.00 | 6.00 | 140.00 | 36.00 | 0.80 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0440-022A0-XM | ● | ● | ● | 4.40 | 22.64 | 73.36 | 74.00 | 6.00 | 140.00 | 36.00 | 0.80 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0445-022A0-XM | ● | ● | ● | 4.45 | 22.90 | 73.35 | 74.00 | 6.00 | 140.00 | 36.00 | 0.81 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0450-023A0-XM | ● | ● | ● | 4.50 | 23.16 | 73.35 | 74.00 | 6.00 | 140.00 | 36.00 | 0.82 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0457-023A0-XM | ● | ● | ● | 4.57 | 23.52 | 73.33 | 74.00 | 6.00 | 140.00 | 36.00 | 0.83 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0460-023A0-XM | ● | ● | ● | 4.60 | 23.67 | 73.33 | 74.00 | 6.00 | 140.00 | 36.00 | 0.84 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0462-023A0-XM | ● | ● | ● | 4.62 | 23.77 | 73.33 | 74.00 | 6.00 | 140.00 | 36.00 | 0.84 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0470-024A0-XM | ● | ● | ● | 4.70 | 24.18 | 73.32 | 74.00 | 6.00 | 140.00 | 36.00 | 0.86 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0476-024A0-XM | ● | ● | ● | 4.76 | 24.49 | 81.31 | 82.00 | 6.00 | 140.00 | 44.00 | 0.87 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0480-024A0-XM | ● | ● | ● | 4.80 | 24.70 | 81.30 | 82.00 | 6.00 | 140.00 | 44.00 | 0.87 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0485-024A0-XM | ● | ● | ● | 4.85 | 24.96 | 81.29 | 82.00 | 6.00 | 140.00 | 44.00 | 0.88 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0490-025A0-XM | ● | ● | ● | 4.90 | 25.21 | 81.29 | 82.00 | 6.00 | 140.00 | 44.00 | 0.89 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0492-025A0-XM | ● | ● | ● | 4.91 | 25.32 | 81.28 | 82.00 | 6.00 | 140.00 | 44.00 | 0.90 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0498-025A0-XM | ● | ● | ● | 4.98 | 25.63 | 81.28 | 82.00 | 6.00 | 140.00 | 44.00 | 0.91 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0500-025A0-XM | ● | ● | ● | 5.00 | 25.73 | 81.27 | 82.00 | 6.00 | 140.00 | 44.00 | 0.91 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0505-025A0-XM | ● | ● | ● | 5.05 | 25.99 | 81.26 | 82.00 | 6.00 | 140.00 | 44.00 | 0.92 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0506-025A0-XM | ● | ● | ● | 5.05 | 26.04 | 81.26 | 82.00 | 6.00 | 140.00 | 44.00 | 0.92 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0510-026A0-XM | ● | ● | ● | 5.10 | 26.24 | 81.26 | 82.00 | 6.00 | 140.00 | 44.00 | 0.93 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0511-026A0-XM | ● | ● | ● | 5.11 | 26.29 | 81.26 | 82.00 | 6.00 | 140.00 | 44.00 | 0.93 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0516-026A0-XM | ● | ● | ● | 5.16 | 26.55 | 81.25 | 82.00 | 6.00 | 140.00 | 44.00 | 0.94 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0518-026A0-XM | ● | ● | ● | 5.18 | 26.65 | 81.25 | 82.00 | 6.00 | 140.00 | 44.00 | 0.94 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0520-026A0-XM | ● | ● | ● | 5.20 | 26.76 | 81.24 | 82.00 | 6.00 | 140.00 | 44.00 | 0.95 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0522-026A0-XM | ● | ● | ● | 5.22 | 26.86 | 81.24 | 82.00 | 6.00 | 140.00 | 44.00 | 0.95 | 5.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

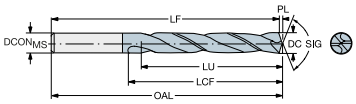
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0525-026A0-XM | ● | ● | ● | 5.25 | 27.01 | 81.24 | 82.00 | 6.00 | 140.00 | 44.00 | 0.96 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0530-026A0-XM | ● | ● | ● | 5.30 | 27.27 | 81.23 | 82.00 | 6.00 | 140.00 | 44.00 | 0.96 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0540-026A0-XM | ● | ● | ● | 5.40 | 27.79 | 81.21 | 82.00 | 6.00 | 140.00 | 44.00 | 0.98 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0550-028A0-XM | ● | ● | ● | 5.50 | 28.30 | 81.20 | 82.00 | 6.00 | 140.00 | 44.00 | 1.00 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0556-028A0-XM | ● | ● | ● | 5.56 | 28.61 | 81.19 | 82.00 | 6.00 | 140.00 | 44.00 | 1.01 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0560-028A0-XM | ● | ● | ● | 5.60 | 28.82 | 81.18 | 82.00 | 6.00 | 140.00 | 44.00 | 1.02 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0561-028A0-XM | ● | ● | ● | 5.61 | 28.87 | 81.18 | 82.00 | 6.00 | 140.00 | 44.00 | 1.02 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0565-028A0-XM | ● | ● | ● | 5.65 | 29.07 | 81.18 | 82.00 | 6.00 | 140.00 | 44.00 | 1.03 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0570-029A0-XM | ● | ● | ● | 5.70 | 29.33 | 81.17 | 82.00 | 6.00 | 140.00 | 44.00 | 1.04 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0575-029A0-XM | ● | ● | ● | 5.75 | 29.59 | 81.16 | 82.00 | 6.00 | 140.00 | 44.00 | 1.05 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0579-029A0-XM | ● | ● | ● | 5.79 | 29.79 | 81.16 | 82.00 | 6.00 | 140.00 | 44.00 | 1.05 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0580-029A0-XM | ● | ● | ● | 5.80 | 29.84 | 81.16 | 82.00 | 6.00 | 140.00 | 44.00 | 1.06 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0590-029A0-XM | ● | ● | ● | 5.90 | 30.36 | 81.14 | 82.00 | 6.00 | 140.00 | 44.00 | 1.07 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0594-029A0-XM | ● | ● | ● | 5.94 | 30.56 | 81.14 | 82.00 | 6.00 | 140.00 | 44.00 | 1.08 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0595-030A0-XM | ● | ● | ● | 5.95 | 30.62 | 81.13 | 82.00 | 6.00 | 140.00 | 44.00 | 1.08 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0605-030A0-XM | ● | ● | ● | 6.05 | 31.13 | 90.12 | 91.00 | 8.00 | 140.00 | 53.00 | 1.10 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0610-031A0-XM | ● | ● | ● | 6.10 | 31.39 | 90.11 | 91.00 | 8.00 | 140.00 | 53.00 | 1.11 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0615-031A0-XM | ● | ● | ● | 6.15 | 31.65 | 90.11 | 91.00 | 8.00 | 140.00 | 53.00 | 1.12 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0620-031A0-XM | ● | ● | ● | 6.20 | 31.90 | 90.10 | 91.00 | 8.00 | 140.00 | 53.00 | 1.13 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0625-031A0-XM | ● | ● | ● | 6.25 | 32.16 | 90.09 | 91.00 | 8.00 | 140.00 | 53.00 | 1.14 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0630-032A0-XM | ● | ● | ● | 6.30 | 32.42 | 90.08 | 91.00 | 8.00 | 140.00 | 53.00 | 1.15 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0635-032A0-XM | ● | ● | ● | 6.35 | 32.67 | 90.08 | 91.00 | 8.00 | 140.00 | 53.00 | 1.16 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0640-032A0-XM | ● | ● | ● | 6.40 | 32.93 | 90.07 | 91.00 | 8.00 | 140.00 | 53.00 | 1.16 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0650-033A0-XM | ● | ● | ● | 6.50 | 33.45 | 90.05 | 91.00 | 8.00 | 140.00 | 53.00 | 1.18 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0653-033A0-XM | ● | ● | ● | 6.53 | 33.60 | 90.05 | 91.00 | 8.00 | 140.00 | 53.00 | 1.19 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0660-033A0-XM | ● | ● | ● | 6.60 | 33.96 | 90.04 | 91.00 | 8.00 | 140.00 | 53.00 | 1.20 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0663-033A0-XM | ● | ● | ● | 6.63 | 34.12 | 90.04 | 91.00 | 8.00 | 140.00 | 53.00 | 1.21 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0670-034A0-XM | ● | ● | ● | 6.70 | 34.48 | 90.03 | 91.00 | 8.00 | 140.00 | 53.00 | 1.22 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0675-034A0-XM | ● | ● | ● | 6.75 | 34.73 | 90.02 | 91.00 | 8.00 | 140.00 | 53.00 | 1.23 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0676-034A0-XM | ● | ● | ● | 6.76 | 34.78 | 90.02 | 91.00 | 8.00 | 140.00 | 53.00 | 1.23 | 5.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

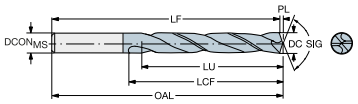
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0680-034A0-XM | ● | ● | ● | 6.80 | 34.99 | 90.01 | 91.00 | 8.00 | 140.00 | 53.00 | 1.24 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0685-034A0-XM | ● | ● | ● | 6.85 | 35.25 | 90.00 | 91.00 | 8.00 | 140.00 | 53.00 | 1.25 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0690-035A0-XM | ● | ● | ● | 6.90 | 35.50 | 90.00 | 91.00 | 8.00 | 140.00 | 53.00 | 1.26 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0691-035A0-XM | ● | ● | ● | 6.91 | 35.56 | 89.99 | 91.00 | 8.00 | 140.00 | 53.00 | 1.26 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0700-035A0-XM | ● | ● | ● | 7.00 | 36.02 | 89.98 | 91.00 | 8.00 | 140.00 | 53.00 | 1.27 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0704-035A0-XM | ● | ● | ● | 7.04 | 36.22 | 89.97 | 91.00 | 8.00 | 140.00 | 53.00 | 1.28 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0710-036A0-XM | ● | ● | ● | 7.10 | 36.53 | 89.97 | 91.00 | 8.00 | 140.00 | 53.00 | 1.29 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0714-036A0-XM | ● | ● | ● | 7.14 | 36.74 | 89.96 | 91.00 | 8.00 | 140.00 | 53.00 | 1.30 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0720-036A0-XM | ● | ● | ● | 7.20 | 37.05 | 89.95 | 91.00 | 8.00 | 140.00 | 53.00 | 1.31 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0725-036A0-XM | ● | ● | ● | 7.25 | 37.31 | 89.94 | 91.00 | 8.00 | 140.00 | 53.00 | 1.32 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0730-037A0-XM | ● | ● | ● | 7.30 | 37.56 | 89.94 | 91.00 | 8.00 | 140.00 | 53.00 | 1.33 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0737-037A0-XM | ● | ● | ● | 7.37 | 37.92 | 89.93 | 91.00 | 8.00 | 140.00 | 53.00 | 1.34 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0740-037A0-XM | ● | ● | ● | 7.40 | 38.08 | 89.92 | 91.00 | 8.00 | 140.00 | 53.00 | 1.35 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0745-037A0-XM | ● | ● | ● | 7.45 | 38.33 | 89.92 | 91.00 | 8.00 | 140.00 | 53.00 | 1.36 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0749-037A0-XM | ● | ● | ● | 7.49 | 38.54 | 89.91 | 91.00 | 8.00 | 140.00 | 53.00 | 1.36 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0750-038A0-XM | ● | ● | ● | 7.50 | 38.59 | 89.91 | 91.00 | 8.00 | 140.00 | 53.00 | 1.36 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0754-038A0-XM | ● | ● | ● | 7.54 | 38.80 | 89.90 | 91.00 | 8.00 | 140.00 | 53.00 | 1.37 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0760-038A0-XM | ● | ● | ● | 7.60 | 39.11 | 89.89 | 91.00 | 8.00 | 140.00 | 53.00 | 1.38 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0767-038A0-XM | ● | ● | ● | 7.67 | 39.47 | 89.88 | 91.00 | 8.00 | 140.00 | 53.00 | 1.40 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0770-039A0-XM | ● | ● | ● | 7.70 | 39.62 | 89.88 | 91.00 | 8.00 | 140.00 | 53.00 | 1.40 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0780-039A0-XM | ● | ● | ● | 7.80 | 40.14 | 89.86 | 91.00 | 8.00 | 140.00 | 53.00 | 1.42 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0790-040A0-XM | ● | ● | ● | 7.90 | 40.65 | 89.85 | 91.00 | 8.00 | 140.00 | 53.00 | 1.44 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0794-040A0-XM | ● | ● | ● | 7.94 | 40.86 | 89.84 | 91.00 | 8.00 | 140.00 | 53.00 | 1.44 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0803-040A0-XM | ● | ● | ● | 8.03 | 41.32 | 101.83 | 103.00 | 10.00 | 140.00 | 61.00 | 1.46 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0805-040A0-XM | ● | ● | ● | 8.05 | 41.42 | 101.83 | 103.00 | 10.00 | 140.00 | 61.00 | 1.46 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0810-041A0-XM | ● | ● | ● | 8.10 | 41.68 | 101.82 | 103.00 | 10.00 | 140.00 | 61.00 | 1.47 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0815-041A0-XM | ● | ● | ● | 8.15 | 41.94 | 101.81 | 103.00 | 10.00 | 140.00 | 61.00 | 1.48 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0820-041A0-XM | ● | ● | ● | 8.20 | 42.19 | 101.81 | 103.00 | 10.00 | 140.00 | 61.00 | 1.49 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0825-041A0-XM | ● | ● | ● | 8.25 | 42.45 | 101.80 | 103.00 | 10.00 | 140.00 | 61.00 | 1.50 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0830-041A0-XM | ● | ● | ● | 8.30 | 42.71 | 101.79 | 103.00 | 10.00 | 140.00 | 61.00 | 1.51 | 5.15 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

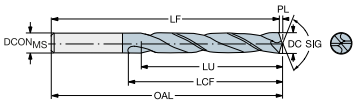
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0833-042A0-XM | ● | ● | ● | 8.33 | 42.86 | 101.79 | 103.00 | 10.00 | 140.00 | 61.00 | 1.52 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0840-042A0-XM | ● | ● | ● | 8.40 | 43.22 | 101.78 | 103.00 | 10.00 | 140.00 | 61.00 | 1.53 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0843-042A0-XM | ● | ● | ● | 8.43 | 43.38 | 101.77 | 103.00 | 10.00 | 140.00 | 61.00 | 1.53 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0850-043A0-XM | ● | ● | ● | 8.50 | 43.74 | 101.76 | 103.00 | 10.00 | 140.00 | 61.00 | 1.55 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0855-043A0-XM | ● | ● | ● | 8.55 | 43.99 | 101.75 | 103.00 | 10.00 | 140.00 | 61.00 | 1.56 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0860-043A0-XM | ● | ● | ● | 8.60 | 44.25 | 101.75 | 103.00 | 10.00 | 140.00 | 61.00 | 1.57 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0861-043A0-XM | ● | ● | ● | 8.61 | 44.30 | 101.75 | 103.00 | 10.00 | 140.00 | 61.00 | 1.57 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0865-043A0-XM | ● | ● | ● | 8.65 | 44.51 | 101.74 | 103.00 | 10.00 | 140.00 | 61.00 | 1.57 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0870-044A0-XM | ● | ● | ● | 8.70 | 44.77 | 101.73 | 103.00 | 10.00 | 140.00 | 61.00 | 1.58 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0873-044A0-XM | ● | ● | ● | 8.73 | 44.92 | 101.73 | 103.00 | 10.00 | 140.00 | 61.00 | 1.59 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0880-044A0-XM | ● | ● | ● | 8.80 | 45.28 | 101.72 | 103.00 | 10.00 | 140.00 | 61.00 | 1.60 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0884-044A0-XM | ● | ● | ● | 8.84 | 45.49 | 101.71 | 103.00 | 10.00 | 140.00 | 61.00 | 1.61 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0890-045A0-XM | ● | ● | ● | 8.90 | 45.80 | 101.70 | 103.00 | 10.00 | 140.00 | 61.00 | 1.62 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0900-045A0-XM | ● | ● | ● | 9.00 | 46.31 | 101.69 | 103.00 | 10.00 | 140.00 | 61.00 | 1.64 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0905-045A0-XM | ● | ● | ● | 9.05 | 46.57 | 101.68 | 103.00 | 10.00 | 140.00 | 61.00 | 1.65 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0909-045A0-XM | ● | ● | ● | 9.09 | 46.77 | 101.68 | 103.00 | 10.00 | 140.00 | 61.00 | 1.65 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-0910-046A0-XM | ● | ● | ● | 9.10 | 46.82 | 101.68 | 103.00 | 10.00 | 140.00 | 61.00 | 1.66 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0913-046A0-XM | ● | ● | ● | 9.13 | 46.98 | 101.67 | 103.00 | 10.00 | 140.00 | 61.00 | 1.66 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0920-046A0-XM | ● | ● | ● | 9.20 | 47.34 | 101.66 | 103.00 | 10.00 | 140.00 | 61.00 | 1.67 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0925-046A0-XM | ● | ● | ● | 9.25 | 47.60 | 101.65 | 103.00 | 10.00 | 140.00 | 61.00 | 1.68 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0930-047A0-XM | ● | ● | ● | 9.30 | 47.85 | 101.65 | 103.00 | 10.00 | 140.00 | 61.00 | 1.69 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0935-047A0-XM | ● | ● | ● | 9.35 | 48.11 | 101.64 | 103.00 | 10.00 | 140.00 | 61.00 | 1.70 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0940-047A0-XM | ● | ● | ● | 9.40 | 48.37 | 101.63 | 103.00 | 10.00 | 140.00 | 61.00 | 1.71 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0950-048A0-XM | ● | ● | ● | 9.50 | 48.88 | 101.62 | 103.00 | 10.00 | 140.00 | 61.00 | 1.73 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0953-048A0-XM | ● | ● | ● | 9.52 | 49.04 | 101.61 | 103.00 | 10.00 | 140.00 | 61.00 | 1.73 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0958-048A0-XM | ● | ● | ● | 9.58 | 49.29 | 101.61 | 103.00 | 10.00 | 140.00 | 61.00 | 1.74 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0960-048A0-XM | ● | ● | ● | 9.60 | 49.40 | 101.60 | 103.00 | 10.00 | 140.00 | 61.00 | 1.75 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0965-048A0-XM | ● | ● | ● | 9.65 | 49.65 | 101.60 | 103.00 | 10.00 | 140.00 | 61.00 | 1.76 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0970-049A0-XM | ● | ● | ● | 9.70 | 49.91 | 101.59 | 103.00 | 10.00 | 140.00 | 61.00 | 1.77 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-0980-049A0-XM | ● | ● | ● | 9.80 | 50.30 | 101.57 | 103.00 | 10.00 | 140.00 | 61.00 | 1.78 | 5.13 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

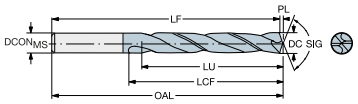
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-0990-050A0-XM | ● | ● | ● | 9.90 | 50.20 | 101.56 | 103.00 | 10.00 | 140.00 | 61.00 | 1.80 | 5.07 | 20 | PVD TiAlCrSiN |
| 462.1-0992-050A0-XM | ● | ● | ● | 9.92 | 50.20 | 101.56 | 103.00 | 10.00 | 140.00 | 61.00 | 1.81 | 5.06 | 20 | PVD TiAlCrSiN |
| 462.1-1005-050A0-XM | ● | ● | ● | 10.05 | 51.71 | 116.54 | 118.00 | 12.00 | 140.00 | 71.00 | 1.83 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1008-050A0-XM | ● | ● | ● | 10.08 | 51.87 | 116.53 | 118.00 | 12.00 | 140.00 | 71.00 | 1.83 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-1010-051A0-XM | ● | ● | ● | 10.10 | 51.97 | 116.53 | 118.00 | 12.00 | 140.00 | 71.00 | 1.84 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1020-051A0-XM | ● | ● | ● | 10.20 | 52.48 | 116.51 | 118.00 | 12.00 | 140.00 | 71.00 | 1.86 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1026-051A0-XM | ● | ● | ● | 10.26 | 52.79 | 116.51 | 118.00 | 12.00 | 140.00 | 71.00 | 1.87 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-1030-052A0-XM | ● | ● | ● | 10.30 | 53.00 | 116.50 | 118.00 | 12.00 | 140.00 | 71.00 | 1.87 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1032-052A0-XM | ● | ● | ● | 10.32 | 53.10 | 116.50 | 118.00 | 12.00 | 140.00 | 71.00 | 1.88 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1040-052A0-XM | ● | ● | ● | 10.40 | 53.51 | 116.49 | 118.00 | 12.00 | 140.00 | 71.00 | 1.89 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1045-052A0-XM | ● | ● | ● | 10.45 | 53.77 | 116.48 | 118.00 | 12.00 | 140.00 | 71.00 | 1.90 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1049-052A0-XM | ● | ● | ● | 10.49 | 53.98 | 116.47 | 118.00 | 12.00 | 140.00 | 71.00 | 1.91 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1050-053A0-XM | ● | ● | ● | 10.50 | 54.03 | 116.47 | 118.00 | 12.00 | 140.00 | 71.00 | 1.91 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1055-053A0-XM | ● | ● | ● | 10.55 | 54.29 | 116.46 | 118.00 | 12.00 | 140.00 | 71.00 | 1.92 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1060-053A0-XM | ● | ● | ● | 10.60 | 54.54 | 116.46 | 118.00 | 12.00 | 140.00 | 71.00 | 1.93 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1065-053A0-XM | ● | ● | ● | 10.65 | 54.80 | 116.45 | 118.00 | 12.00 | 140.00 | 71.00 | 1.94 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1070-053A0-XM | ● | ● | ● | 10.70 | 55.06 | 116.44 | 118.00 | 12.00 | 140.00 | 71.00 | 1.95 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1072-054A0-XM | ● | ● | ● | 10.72 | 55.16 | 116.44 | 118.00 | 12.00 | 140.00 | 71.00 | 1.95 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1075-054A0-XM | ● | ● | ● | 10.75 | 55.32 | 116.43 | 118.00 | 12.00 | 140.00 | 71.00 | 1.96 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1080-054A0-XM | ● | ● | ● | 10.80 | 55.57 | 116.43 | 118.00 | 12.00 | 140.00 | 71.00 | 1.97 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1090-054A0-XM | ● | ● | ● | 10.90 | 56.09 | 116.41 | 118.00 | 12.00 | 140.00 | 71.00 | 1.98 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1100-055A0-XM | ● | ● | ● | 11.00 | 56.60 | 116.40 | 118.00 | 12.00 | 140.00 | 71.00 | 2.00 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1111-056A0-XM | ● | ● | ● | 11.11 | 57.17 | 116.38 | 118.00 | 12.00 | 140.00 | 71.00 | 2.02 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-1120-056A0-XM | ● | ● | ● | 11.20 | 57.63 | 116.37 | 118.00 | 12.00 | 140.00 | 71.00 | 2.04 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1130-056A0-XM | ● | ● | ● | 11.30 | 58.15 | 116.36 | 118.00 | 12.00 | 140.00 | 71.00 | 2.06 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1140-057A0-XM | ● | ● | ● | 11.40 | 58.60 | 116.34 | 118.00 | 12.00 | 140.00 | 71.00 | 2.07 | 5.14 | 20 | PVD TiAlCrSiN |
| 462.1-1150-058A0-XM | ● | ● | ● | 11.50 | 58.50 | 116.33 | 118.00 | 12.00 | 140.00 | 71.00 | 2.09 | 5.09 | 20 | PVD TiAlCrSiN |
| 462.1-1151-058A0-XM | ● | ● | ● | 11.51 | 58.50 | 116.32 | 118.00 | 12.00 | 140.00 | 71.00 | 2.09 | 5.08 | 20 | PVD TiAlCrSiN |
| 462.1-1155-058A0-XM | ● | ● | ● | 11.55 | 58.40 | 116.32 | 118.00 | 12.00 | 140.00 | 71.00 | 2.10 | 5.06 | 20 | PVD TiAlCrSiN |
| 462.1-1160-058A0-XM | ● | ● | ● | 11.60 | 58.40 | 116.31 | 118.00 | 12.00 | 140.00 | 71.00 | 2.11 | 5.03 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

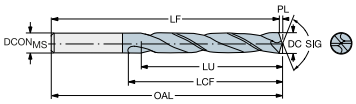
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-1170-058A0-XM | ● | ● | ● | 11.70 | 58.30 | 116.30 | 118.00 | 12.00 | 140.00 | 71.00 | 2.13 | 4.98 | 20 | PVD TiAlCrSiN |
| 462.1-1180-059A0-XM | ● | ● | ● | 11.80 | 58.20 | 116.28 | 118.00 | 12.00 | 140.00 | 71.00 | 2.15 | 4.93 | 20 | PVD TiAlCrSiN |
| 462.1-1191-060A0-XM | ● | ● | ● | 11.91 | 58.10 | 116.27 | 118.00 | 12.00 | 140.00 | 71.00 | 2.17 | 4.88 | 20 | PVD TiAlCrSiN |
| 462.1-1205-060A0-XM | ● | ● | ● | 12.05 | 62.00 | 122.25 | 124.00 | 14.00 | 140.00 | 77.00 | 2.19 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1210-061A0-XM | ● | ● | ● | 12.10 | 62.26 | 122.24 | 124.00 | 14.00 | 140.00 | 77.00 | 2.20 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1220-061A0-XM | ● | ● | ● | 12.20 | 62.78 | 122.22 | 124.00 | 14.00 | 140.00 | 77.00 | 2.22 | 5.15 | 20 | PVD TiAlCrSiN |
| 462.1-1225-061A0-XM | ● | ● | ● | 12.25 | 62.70 | 122.22 | 124.00 | 14.00 | 140.00 | 77.00 | 2.23 | 5.12 | 20 | PVD TiAlCrSiN |
| 462.1-1230-062A0-XM | ● | ● | ● | 12.30 | 62.70 | 122.21 | 124.00 | 14.00 | 140.00 | 77.00 | 2.24 | 5.10 | 20 | PVD TiAlCrSiN |
| 462.1-1240-062A0-XM | ● | ● | ● | 12.40 | 62.60 | 122.19 | 124.00 | 14.00 | 140.00 | 77.00 | 2.26 | 5.05 | 20 | PVD TiAlCrSiN |
| 462.1-1250-063A0-XM | ● | ● | ● | 12.50 | 62.40 | 122.18 | 124.00 | 14.00 | 140.00 | 77.00 | 2.27 | 4.99 | 20 | PVD TiAlCrSiN |
| 462.1-1260-063A0-XM | ● | ● | ● | 12.60 | 62.30 | 122.17 | 124.00 | 14.00 | 140.00 | 77.00 | 2.29 | 4.94 | 20 | PVD TiAlCrSiN |
| 462.1-1270-064A0-XM | ● | ● | ● | 12.70 | 62.20 | 122.15 | 124.00 | 14.00 | 140.00 | 77.00 | 2.31 | 4.90 | 20 | PVD TiAlCrSiN |
| 462.1-1275-064A0-XM | ● | ● | ● | 12.75 | 62.10 | 122.14 | 124.00 | 14.00 | 140.00 | 77.00 | 2.32 | 4.87 | 20 | PVD TiAlCrSiN |
| 462.1-1280-064A0-XM | ● | ● | ● | 12.80 | 62.10 | 122.14 | 124.00 | 14.00 | 140.00 | 77.00 | 2.33 | 4.85 | 20 | PVD TiAlCrSiN |
| 462.1-1290-064A0-XM | ● | ● | ● | 12.90 | 62.00 | 122.12 | 124.00 | 14.00 | 140.00 | 77.00 | 2.35 | 4.81 | 20 | PVD TiAlCrSiN |
| 462.1-1300-065A0-XM | ● | ● | ● | 13.00 | 61.80 | 122.11 | 124.00 | 14.00 | 140.00 | 77.00 | 2.37 | 4.75 | 20 | PVD TiAlCrSiN |
| 462.1-1310-066A0-XM | ● | ● | ● | 13.10 | 61.70 | 122.09 | 124.00 | 14.00 | 140.00 | 77.00 | 2.38 | 4.71 | 20 | PVD TiAlCrSiN |
| 462.1-1325-066A0-XM | ● | ● | ● | 13.25 | 61.50 | 122.07 | 124.00 | 14.00 | 140.00 | 77.00 | 2.41 | 4.64 | 20 | PVD TiAlCrSiN |
| 462.1-1330-066A0-XM | ● | ● | ● | 13.30 | 61.50 | 122.06 | 124.00 | 14.00 | 140.00 | 77.00 | 2.42 | 4.62 | 20 | PVD TiAlCrSiN |
| 462.1-1340-066A0-XM | ● | ● | ● | 13.40 | 61.30 | 122.05 | 124.00 | 14.00 | 140.00 | 77.00 | 2.44 | 4.57 | 20 | PVD TiAlCrSiN |
| 462.1-1349-061A0-XM | ● | ● | ● | 13.49 | 61.20 | 122.04 | 124.00 | 14.00 | 140.00 | 77.00 | 2.46 | 4.54 | 20 | PVD TiAlCrSiN |
| 462.1-1350-061A0-XM | ● | ● | ● | 13.50 | 61.20 | 122.04 | 124.00 | 14.00 | 140.00 | 77.00 | 2.46 | 4.53 | 20 | PVD TiAlCrSiN |
| 462.1-1355-061A0-XM | ● | ● | ● | 13.55 | 61.20 | 122.03 | 124.00 | 14.00 | 140.00 | 77.00 | 2.47 | 4.52 | 20 | PVD TiAlCrSiN |
| 462.1-1365-061A0-XM | ● | ● | ● | 13.65 | 61.00 | 122.01 | 124.00 | 14.00 | 140.00 | 77.00 | 2.48 | 4.47 | 20 | PVD TiAlCrSiN |
| 462.1-1370-061A0-XM | ● | ● | ● | 13.70 | 61.00 | 122.00 | 124.00 | 14.00 | 140.00 | 77.00 | 2.49 | 4.45 | 20 | PVD TiAlCrSiN |
| 462.1-1375-061A0-XM | ● | ● | ● | 13.75 | 60.90 | 122.00 | 124.00 | 14.00 | 140.00 | 77.00 | 2.50 | 4.43 | 20 | PVD TiAlCrSiN |
| 462.1-1380-062A0-XM | ● | ● | ● | 13.80 | 60.90 | 121.99 | 124.00 | 14.00 | 140.00 | 77.00 | 2.51 | 4.41 | 20 | PVD TiAlCrSiN |
| 462.1-1389-063A0-XM | ● | ● | ● | 13.89 | 60.80 | 121.98 | 124.00 | 14.00 | 140.00 | 77.00 | 2.53 | 4.38 | 20 | PVD TiAlCrSiN |
| 462.1-1410-063A0-XM | ● | ● | ● | 14.10 | 66.90 | 130.95 | 133.00 | 16.00 | 140.00 | 83.00 | 2.57 | 4.74 | 20 | PVD TiAlCrSiN |
| 462.1-1420-063A0-XM | ● | ● | ● | 14.20 | 66.80 | 130.93 | 133.00 | 16.00 | 140.00 | 83.00 | 2.58 | 4.70 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

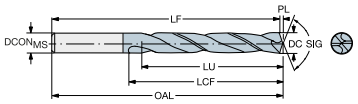
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-1425-071A0-XM | ● | ● | ● | 14.25 | 66.80 | 130.93 | 133.00 | 16.00 | 140.00 | 83.00 | 2.59 | 4.69 | 20 | PVD TiAlCrSiN |
| 462.1-1429-072A0-XM | ● | ● | ● | 14.29 | 66.70 | 130.92 | 133.00 | 16.00 | 140.00 | 83.00 | 2.60 | 4.67 | 20 | PVD TiAlCrSiN |
| 462.1-1430-072A0-XM | ● | ● | ● | 14.30 | 66.70 | 130.92 | 133.00 | 16.00 | 140.00 | 83.00 | 2.60 | 4.66 | 20 | PVD TiAlCrSiN |
| 462.1-1450-073A0-XM | ● | ● | ● | 14.50 | 66.50 | 130.89 | 133.00 | 16.00 | 140.00 | 83.00 | 2.64 | 4.59 | 20 | PVD TiAlCrSiN |
| 462.1-1455-073A0-XM | ● | ● | ● | 14.55 | 66.50 | 130.88 | 133.00 | 16.00 | 140.00 | 83.00 | 2.65 | 4.57 | 20 | PVD TiAlCrSiN |
| 462.1-1460-073A0-XM | ● | ● | ● | 14.60 | 66.40 | 130.87 | 133.00 | 16.00 | 140.00 | 83.00 | 2.66 | 4.55 | 20 | PVD TiAlCrSiN |
| 462.1-1468-073A0-XM | ● | ● | ● | 14.68 | 66.40 | 130.86 | 133.00 | 16.00 | 140.00 | 83.00 | 2.67 | 4.52 | 20 | PVD TiAlCrSiN |
| 462.1-1470-073A0-XM | ● | ● | ● | 14.70 | 66.40 | 130.86 | 133.00 | 16.00 | 140.00 | 83.00 | 2.67 | 4.52 | 20 | PVD TiAlCrSiN |
| 462.1-1475-073A0-XM | ● | ● | ● | 14.75 | 66.30 | 130.85 | 133.00 | 16.00 | 140.00 | 83.00 | 2.68 | 4.49 | 20 | PVD TiAlCrSiN |
| 462.1-1480-067A0-XM | ● | ● | ● | 14.80 | 66.30 | 130.85 | 133.00 | 16.00 | 140.00 | 83.00 | 2.69 | 4.48 | 20 | PVD TiAlCrSiN |
| 462.1-1500-068A0-XM | ● | ● | ● | 15.00 | 66.10 | 130.82 | 133.00 | 16.00 | 140.00 | 83.00 | 2.73 | 4.41 | 20 | PVD TiAlCrSiN |
| 462.1-1508-068A0-XM | ● | ● | ● | 15.08 | 66.00 | 130.80 | 133.00 | 16.00 | 140.00 | 83.00 | 2.74 | 4.38 | 20 | PVD TiAlCrSiN |
| 462.1-1510-068A0-XM | ● | ● | ● | 15.10 | 66.00 | 130.80 | 133.00 | 16.00 | 140.00 | 83.00 | 2.75 | 4.37 | 20 | PVD TiAlCrSiN |
| 462.1-1525-068A0-XM | ● | ● | ● | 15.25 | 65.90 | 130.78 | 133.00 | 16.00 | 140.00 | 83.00 | 2.78 | 4.32 | 20 | PVD TiAlCrSiN |
| 462.1-1530-068A0-XM | ● | ● | ● | 15.30 | 65.80 | 130.77 | 133.00 | 16.00 | 140.00 | 83.00 | 2.78 | 4.30 | 20 | PVD TiAlCrSiN |
| 462.1-1548-070A0-XM | ● | ● | ● | 15.48 | 65.60 | 130.75 | 133.00 | 16.00 | 140.00 | 83.00 | 2.82 | 4.24 | 20 | PVD TiAlCrSiN |
| 462.1-1550-070A0-XM | ● | ● | ● | 15.50 | 65.60 | 130.74 | 133.00 | 16.00 | 140.00 | 83.00 | 2.82 | 4.23 | 20 | PVD TiAlCrSiN |
| 462.1-1555-070A0-XM | ● | ● | ● | 15.55 | 65.60 | 130.74 | 133.00 | 16.00 | 140.00 | 83.00 | 2.83 | 4.22 | 20 | PVD TiAlCrSiN |
| 462.1-1560-070A0-XM | ● | ● | ● | 15.60 | 65.50 | 130.73 | 133.00 | 16.00 | 140.00 | 83.00 | 2.84 | 4.20 | 20 | PVD TiAlCrSiN |
| 462.1-1570-070A0-XM | ● | ● | ● | 15.70 | 65.50 | 130.71 | 133.00 | 16.00 | 140.00 | 83.00 | 2.86 | 4.17 | 20 | PVD TiAlCrSiN |
| 462.1-1580-071A0-XM | ● | ● | ● | 15.80 | 65.40 | 130.70 | 133.00 | 16.00 | 140.00 | 83.00 | 2.88 | 4.14 | 20 | PVD TiAlCrSiN |
| 462.1-1588-071A0-XM | ● | ● | ● | 15.88 | 65.30 | 130.69 | 133.00 | 16.00 | 140.00 | 83.00 | 2.89 | 4.11 | 20 | PVD TiAlCrSiN |
| 462.1-1608-072A0-XM | ● | ● | ● | 16.08 | 73.70 | 140.66 | 143.00 | 18.00 | 140.00 | 93.00 | 2.93 | 4.58 | 20 | PVD TiAlCrSiN |
| 462.1-1610-072A0-XM | ● | ● | ● | 16.10 | 73.70 | 140.66 | 143.00 | 18.00 | 140.00 | 93.00 | 2.93 | 4.58 | 20 | PVD TiAlCrSiN |
| 462.1-1627-081A0-XM | ● | ● | ● | 16.27 | 73.50 | 140.63 | 143.00 | 18.00 | 140.00 | 93.00 | 2.96 | 4.52 | 20 | PVD TiAlCrSiN |
| 462.1-1630-081A0-XM | ● | ● | ● | 16.30 | 73.40 | 140.63 | 143.00 | 18.00 | 140.00 | 93.00 | 2.97 | 4.50 | 20 | PVD TiAlCrSiN |
| 462.1-1650-074A0-XM | ● | ● | ● | 16.50 | 73.10 | 140.60 | 143.00 | 18.00 | 140.00 | 93.00 | 3.00 | 4.43 | 20 | PVD TiAlCrSiN |
| 462.1-1655-074A0-XM | ● | ● | ● | 16.55 | 73.10 | 140.59 | 143.00 | 18.00 | 140.00 | 93.00 | 3.01 | 4.42 | 20 | PVD TiAlCrSiN |
| 462.1-1667-075A0-XM | ● | ● | ● | 16.67 | 72.90 | 140.57 | 143.00 | 18.00 | 140.00 | 93.00 | 3.03 | 4.37 | 20 | PVD TiAlCrSiN |
| 462.1-1675-075A0-XM | ● | ● | ● | 16.75 | 72.80 | 140.56 | 143.00 | 18.00 | 140.00 | 93.00 | 3.05 | 4.35 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | H9 |

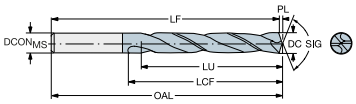
Metric (mm)

| | P | K | N | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** | **COATING** |
| 462.1-1680-075A0-XM | ● | ● | ● | 16.80 | 72.70 | 140.55 | 143.00 | 18.00 | 140.00 | 93.00 | 3.06 | 4.33 | 20 | PVD TiAlCrSiN |
| 462.1-1690-075A0-XM | ● | ● | ● | 16.90 | 72.50 | 140.54 | 143.00 | 18.00 | 140.00 | 93.00 | 3.08 | 4.29 | 20 | PVD TiAlCrSiN |
| 462.1-1700-077A0-XM | ● | ● | ● | 17.00 | 72.40 | 140.52 | 143.00 | 18.00 | 140.00 | 93.00 | 3.09 | 4.26 | 20 | PVD TiAlCrSiN |
| 462.1-1707-077A0-XM | ● | ● | ● | 17.07 | 72.30 | 140.51 | 143.00 | 18.00 | 140.00 | 93.00 | 3.11 | 4.24 | 20 | PVD TiAlCrSiN |
| 462.1-1710-077A0-XM | ● | ● | ● | 17.10 | 72.30 | 140.51 | 143.00 | 18.00 | 140.00 | 93.00 | 3.11 | 4.23 | 20 | PVD TiAlCrSiN |
| 462.1-1730-077A0-XM | ● | ● | ● | 17.30 | 72.00 | 140.48 | 143.00 | 18.00 | 140.00 | 93.00 | 3.15 | 4.16 | 20 | PVD TiAlCrSiN |
| 462.1-1746-079A0-XM | ● | ● | ● | 17.46 | 71.70 | 140.46 | 143.00 | 18.00 | 140.00 | 93.00 | 3.18 | 4.11 | 20 | PVD TiAlCrSiN |
| 462.1-1750-079A0-XM | ● | ● | ● | 17.50 | 71.70 | 140.45 | 143.00 | 18.00 | 140.00 | 93.00 | 3.18 | 4.10 | 20 | PVD TiAlCrSiN |
| 462.1-1755-079A0-XM | ● | ● | ● | 17.55 | 71.60 | 140.45 | 143.00 | 18.00 | 140.00 | 93.00 | 3.19 | 4.08 | 20 | PVD TiAlCrSiN |
| 462.1-1780-080A0-XM | ● | ● | ● | 17.80 | 71.20 | 140.41 | 143.00 | 18.00 | 140.00 | 93.00 | 3.24 | 4.00 | 20 | PVD TiAlCrSiN |
| 462.1-1786-080A0-XM | ● | ● | ● | 17.86 | 71.10 | 140.40 | 143.00 | 18.00 | 140.00 | 93.00 | 3.25 | 3.98 | 20 | PVD TiAlCrSiN |
| 462.1-1790-080A0-XM | ● | ● | ● | 17.90 | 71.10 | 140.39 | 143.00 | 18.00 | 140.00 | 93.00 | 3.26 | 3.97 | 20 | PVD TiAlCrSiN |
| 462.1-1826-082A0-XM | ● | ● | ● | 18.26 | 79.10 | 150.34 | 153.00 | 20.00 | 140.00 | 101.00 | 3.32 | 4.33 | 20 | PVD TiAlCrSiN |
| 462.1-1835-082A0-XM | ● | ● | ● | 18.35 | 79.00 | 150.33 | 153.00 | 20.00 | 140.00 | 101.00 | 3.34 | 4.31 | 20 | PVD TiAlCrSiN |
| 462.1-1850-083A0-XM | ● | ● | ● | 18.50 | 79.00 | 150.31 | 153.00 | 20.00 | 140.00 | 101.00 | 3.37 | 4.27 | 20 | PVD TiAlCrSiN |
| 462.1-1865-084A0-XM | ● | ● | ● | 18.65 | 78.90 | 150.29 | 153.00 | 20.00 | 140.00 | 101.00 | 3.39 | 4.23 | 20 | PVD TiAlCrSiN |
| 462.1-1880-084A0-XM | ● | ● | ● | 18.80 | 78.80 | 150.26 | 153.00 | 20.00 | 140.00 | 101.00 | 3.42 | 4.19 | 20 | PVD TiAlCrSiN |
| 462.1-1890-084A0-XM | ● | ● | ● | 18.90 | 78.80 | 150.25 | 153.00 | 20.00 | 140.00 | 101.00 | 3.44 | 4.17 | 20 | PVD TiAlCrSiN |
| 462.1-1900-086A0-XM | ● | ● | ● | 19.00 | 78.70 | 150.23 | 153.00 | 20.00 | 140.00 | 101.00 | 3.46 | 4.14 | 20 | PVD TiAlCrSiN |
| 462.1-1905-086A0-XM | ● | ● | ● | 19.05 | 78.70 | 150.23 | 153.00 | 20.00 | 140.00 | 101.00 | 3.47 | 4.13 | 20 | PVD TiAlCrSiN |
| 462.1-1925-086A0-XM | ● | ● | ● | 19.25 | 78.60 | 150.20 | 153.00 | 20.00 | 140.00 | 101.00 | 3.50 | 4.08 | 20 | PVD TiAlCrSiN |
| 462.1-1930-086A0-XM | ● | ● | ● | 19.30 | 78.60 | 150.19 | 153.00 | 20.00 | 140.00 | 101.00 | 3.51 | 4.07 | 20 | PVD TiAlCrSiN |
| 462.1-1950-088A0-XM | ● | ● | ● | 19.50 | 78.50 | 150.16 | 153.00 | 20.00 | 140.00 | 101.00 | 3.54 | 4.03 | 20 | PVD TiAlCrSiN |
| 462.1-1955-088A0-XM | ● | ● | ● | 19.55 | 78.40 | 150.15 | 153.00 | 20.00 | 140.00 | 101.00 | 3.56 | 4.01 | 20 | PVD TiAlCrSiN |
| 462.1-1980-089A0-XM | ● | ● | ● | 19.80 | 78.30 | 150.12 | 153.00 | 20.00 | 140.00 | 101.00 | 3.60 | 3.95 | 20 | PVD TiAlCrSiN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide drill for multi-materials

Nominal drilling depth 5xD. External coolant supply



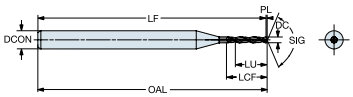

Metric (mm)

| | P | K | N | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X2BM** | **X2BM** | **X2BM** | **DC [mm]** | **LU [mm]** | **LCF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **TCDCON** | **TCHA** | **LF [mm]** | **PL [mm]** | **ULDR** | **CP [bar]** |
| 462.1-0600-030A0-XM | ● | ● | ● | 6.00 | 30.87 | 44.00 | 82.00 | 6.00 | 140.00 | h6 | H9 | 81.13 | 1.09 | 5.14 | 20 |
| 462.1-0800-040A0-XM | ● | ● | ● | 8.00 | 41.16 | 53.00 | 91.00 | 8.00 | 140.00 | h6 | H9 | 89.83 | 1.46 | 5.14 | 20 |
| 462.1-1000-050A0-XM | ● | ● | ● | 10.00 | 50.10 | 61.00 | 103.00 | 10.00 | 140.00 | h6 | H9 | 101.54 | 1.82 | 5.01 | 20 |
| 462.1-1200-060A0-XM | ● | ● | ● | 12.00 | 58.10 | 71.00 | 118.00 | 12.00 | 140.00 | h6 | H9 | 116.25 | 2.18 | 4.84 | 20 |
| 462.1-1400-063A0-XM | ● | ● | ● | 14.00 | 60.60 | 77.00 | 124.00 | 14.00 | 140.00 | h6 | H9 | 121.96 | 2.55 | 4.33 | 20 |
| 462.1-1600-072A0-XM | ● | ● | ● | 16.00 | 65.20 | 83.00 | 133.00 | 16.00 | 140.00 | h6 | H9 | 130.67 | 2.91 | 4.07 | 20 |
| 462.1-1800-081A0-XM | ● | ● | ● | 18.00 | 70.90 | 93.00 | 143.00 | 18.00 | 140.00 | h6 | H9 | 140.38 | 3.28 | 3.94 | 20 |
| 462.1-2000-090A0-XM | ● | ● | ● | 20.00 | 78.20 | 101.00 | 153.00 | 20.00 | 140.00 | h6 | H9 | 150.09 | 3.64 | 3.91 | 20 |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

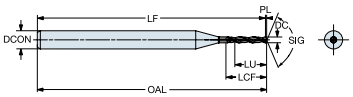
Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **COATING** |
| 462.1-0020-001A0-XM | ● | ● | ● | ● | ● | ● | 0.20 | 1.20 | 37.95 | 38.00 | 3.00 | 130.00 | 1.50 | 0.05 | 6.00 | PVD TiAlN |
| 462.1-0021-001A0-XM | ● | ● | ● | ● | ● | ● | 0.21 | 1.18 | 37.95 | 38.00 | 3.00 | 130.00 | 1.50 | 0.05 | 5.64 | PVD TiAlN |
| 462.1-0022-001A0-XM | ● | ● | ● | ● | ● | ● | 0.22 | 1.17 | 37.95 | 38.00 | 3.00 | 130.00 | 1.50 | 0.05 | 5.32 | PVD TiAlN |
| 462.1-0023-001A0-XM | ● | ● | ● | ● | ● | ● | 0.23 | 1.15 | 37.95 | 38.00 | 3.00 | 130.00 | 1.50 | 0.05 | 5.02 | PVD TiAlN |
| 462.1-0024-001A0-XM | ● | ● | ● | ● | ● | ● | 0.24 | 1.14 | 37.94 | 38.00 | 3.00 | 130.00 | 1.50 | 0.06 | 4.75 | PVD TiAlN |
| 462.1-0025-001A0-XM | ● | ● | ● | ● | ● | ● | 0.25 | 1.52 | 37.94 | 38.00 | 3.00 | 130.00 | 1.90 | 0.06 | 6.10 | PVD TiAlN |
| 462.1-0026-001A0-XM | ● | ● | ● | ● | ● | ● | 0.26 | 1.51 | 37.94 | 38.00 | 3.00 | 130.00 | 1.90 | 0.06 | 5.81 | PVD TiAlN |
| 462.1-0027-001A0-XM | ● | ● | ● | ● | ● | ● | 0.27 | 1.50 | 37.94 | 38.00 | 3.00 | 130.00 | 1.90 | 0.06 | 5.54 | PVD TiAlN |
| 462.1-0028-001A0-XM | ● | ● | ● | ● | ● | ● | 0.28 | 1.48 | 37.93 | 38.00 | 3.00 | 130.00 | 1.90 | 0.07 | 5.29 | PVD TiAlN |
| 462.1-0029-001A0-XM | ● | ● | ● | ● | ● | ● | 0.29 | 1.47 | 37.93 | 38.00 | 3.00 | 130.00 | 1.90 | 0.07 | 5.05 | PVD TiAlN |
| 462.1-0030-001A0-XM | ● | ● | ● | ● | ● | ● | 0.30 | 1.35 | 37.93 | 38.00 | 3.00 | 130.00 | 1.80 | 0.07 | 4.50 | PVD TiAlN |
| 462.1-0031-001A0-XM | ● | ● | ● | ● | ● | ● | 0.31 | 1.34 | 37.93 | 38.00 | 3.00 | 130.00 | 1.80 | 0.07 | 4.31 | PVD TiAlN |
| 462.1-0032-001A0-XM | ● | ● | ● | ● | ● | ● | 0.32 | 1.32 | 37.93 | 38.00 | 3.00 | 130.00 | 1.80 | 0.07 | 4.13 | PVD TiAlN |
| 462.1-0033-001A0-XM | ● | ● | ● | ● | ● | ● | 0.33 | 1.30 | 37.92 | 38.00 | 3.00 | 130.00 | 1.80 | 0.08 | 3.95 | PVD TiAlN |
| 462.1-0034-001A0-XM | ● | ● | ● | ● | ● | ● | 0.34 | 1.29 | 37.92 | 38.00 | 3.00 | 130.00 | 1.80 | 0.08 | 3.79 | PVD TiAlN |
| 462.1-0035-001A0-XM | ● | ● | ● | ● | ● | ● | 0.35 | 1.67 | 37.92 | 38.00 | 3.00 | 130.00 | 2.20 | 0.08 | 4.79 | PVD TiAlN |
| 462.1-0036-001A0-XM | ● | ● | ● | ● | ● | ● | 0.36 | 1.66 | 37.92 | 38.00 | 3.00 | 130.00 | 2.20 | 0.08 | 4.61 | PVD TiAlN |
| 462.1-0037-001A0-XM | ● | ● | ● | ● | ● | ● | 0.37 | 1.64 | 37.91 | 38.00 | 3.00 | 130.00 | 2.20 | 0.09 | 4.45 | PVD TiAlN |
| 462.1-0038-001A0-XM | ● | ● | ● | ● | ● | ● | 0.38 | 1.63 | 37.91 | 38.00 | 3.00 | 130.00 | 2.20 | 0.09 | 4.29 | PVD TiAlN |
| 462.1-0039-002A0-XM | ● | ● | ● | ● | ● | ● | 0.39 | 2.12 | 37.91 | 38.00 | 3.00 | 130.00 | 2.70 | 0.09 | 5.42 | PVD TiAlN |
| 462.1-0040-002A0-XM | ● | ● | ● | ● | ● | ● | 0.40 | 2.10 | 37.91 | 38.00 | 3.00 | 130.00 | 2.70 | 0.09 | 5.25 | PVD TiAlN |
| 462.1-0041-002A0-XM | ● | ● | ● | ● | ● | ● | 0.41 | 2.09 | 37.90 | 38.00 | 3.00 | 130.00 | 2.70 | 0.10 | 5.09 | PVD TiAlN |
| 462.1-0042-002A0-XM | ● | ● | ● | ● | ● | ● | 0.42 | 2.07 | 37.90 | 38.00 | 3.00 | 130.00 | 2.70 | 0.10 | 4.93 | PVD TiAlN |
| 462.1-0043-002A0-XM | ● | ● | ● | ● | ● | ● | 0.43 | 2.06 | 37.90 | 38.00 | 3.00 | 130.00 | 2.70 | 0.10 | 4.78 | PVD TiAlN |
| 462.1-0044-002A0-XM | ● | ● | ● | ● | ● | ● | 0.44 | 2.04 | 37.90 | 38.00 | 3.00 | 130.00 | 2.70 | 0.10 | 4.64 | PVD TiAlN |
| 462.1-0045-002A0-XM | ● | ● | ● | ● | ● | ● | 0.45 | 2.03 | 37.90 | 38.00 | 3.00 | 130.00 | 2.70 | 0.10 | 4.50 | PVD TiAlN |
| 462.1-0046-002A0-XM | ● | ● | ● | ● | ● | ● | 0.46 | 2.01 | 37.89 | 38.00 | 3.00 | 130.00 | 2.70 | 0.11 | 4.37 | PVD TiAlN |
| 462.1-0047-001A0-XM | ● | ● | ● | ● | ● | ● | 0.47 | 2.00 | 37.89 | 38.00 | 3.00 | 130.00 | 2.70 | 0.11 | 4.24 | PVD TiAlN |
| 462.1-0048-001A0-XM | ● | ● | ● | ● | ● | ● | 0.48 | 1.98 | 37.89 | 38.00 | 3.00 | 130.00 | 2.70 | 0.11 | 4.13 | PVD TiAlN |
| 462.1-0049-002A0-XM | ● | ● | ● | ● | ● | ● | 0.49 | 2.46 | 37.89 | 38.00 | 3.00 | 130.00 | 3.20 | 0.11 | 5.03 | PVD TiAlN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

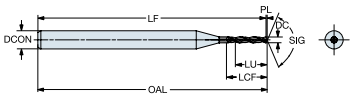
Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **COATING** |
| 462.1-0050-002A0-XM | ● | ● | ● | ● | ● | ● | 0.50 | 2.45 | 37.88 | 38.00 | 3.00 | 130.00 | 3.20 | 0.12 | 4.90 | PVD TiAlN |
| 462.1-0051-002A0-XM | ● | ● | ● | ● | ● | ● | 0.51 | 2.43 | 37.88 | 38.00 | 3.00 | 130.00 | 3.20 | 0.12 | 4.77 | PVD TiAlN |
| 462.1-0052-002A0-XM | ● | ● | ● | ● | ● | ● | 0.52 | 2.42 | 37.88 | 38.00 | 3.00 | 130.00 | 3.20 | 0.12 | 4.65 | PVD TiAlN |
| 462.1-0053-002A0-XM | ● | ● | ● | ● | ● | ● | 0.53 | 2.40 | 37.88 | 38.00 | 3.00 | 130.00 | 3.20 | 0.12 | 4.54 | PVD TiAlN |
| 462.1-0054-002A0-XM | ● | ● | ● | ● | ● | ● | 0.54 | 2.79 | 37.87 | 38.00 | 3.00 | 130.00 | 3.60 | 0.13 | 5.17 | PVD TiAlN |
| 462.1-0055-002A0-XM | ● | ● | ● | ● | ● | ● | 0.55 | 2.78 | 37.87 | 38.00 | 3.00 | 130.00 | 3.60 | 0.13 | 5.05 | PVD TiAlN |
| 462.1-0056-002A0-XM | ● | ● | ● | ● | ● | ● | 0.56 | 2.76 | 37.87 | 38.00 | 3.00 | 130.00 | 3.60 | 0.13 | 4.93 | PVD TiAlN |
| 462.1-0057-002A0-XM | ● | ● | ● | ● | ● | ● | 0.57 | 2.74 | 37.87 | 38.00 | 3.00 | 130.00 | 3.60 | 0.13 | 4.82 | PVD TiAlN |
| 462.1-0058-002A0-XM | ● | ● | ● | ● | ● | ● | 0.58 | 2.73 | 37.86 | 38.00 | 3.00 | 130.00 | 3.60 | 0.14 | 4.71 | PVD TiAlN |
| 462.1-0059-002A0-XM | ● | ● | ● | ● | ● | ● | 0.59 | 2.71 | 37.86 | 38.00 | 3.00 | 130.00 | 3.60 | 0.14 | 4.60 | PVD TiAlN |
| 462.1-0060-002A0-XM | ● | ● | ● | ● | ● | ● | 0.60 | 2.70 | 37.86 | 38.00 | 3.00 | 130.00 | 3.60 | 0.14 | 4.50 | PVD TiAlN |
| 462.1-0061-002A0-XM | ● | ● | ● | ● | ● | ● | 0.61 | 2.98 | 37.86 | 38.00 | 3.00 | 130.00 | 3.90 | 0.14 | 4.89 | PVD TiAlN |
| 462.1-0062-002A0-XM | ● | ● | ● | ● | ● | ● | 0.62 | 2.97 | 37.86 | 38.00 | 3.00 | 130.00 | 3.90 | 0.14 | 4.79 | PVD TiAlN |
| 462.1-0063-002A0-XM | ● | ● | ● | ● | ● | ● | 0.63 | 2.95 | 37.85 | 38.00 | 3.00 | 130.00 | 3.90 | 0.15 | 4.69 | PVD TiAlN |
| 462.1-0064-002A0-XM | ● | ● | ● | ● | ● | ● | 0.64 | 2.94 | 37.85 | 38.00 | 3.00 | 130.00 | 3.90 | 0.15 | 4.59 | PVD TiAlN |
| 462.1-0065-002A0-XM | ● | ● | ● | ● | ● | ● | 0.65 | 2.92 | 37.85 | 38.00 | 3.00 | 130.00 | 3.90 | 0.15 | 4.50 | PVD TiAlN |
| 462.1-0066-002A0-XM | ● | ● | ● | ● | ● | ● | 0.66 | 2.91 | 37.85 | 38.00 | 3.00 | 130.00 | 3.90 | 0.15 | 4.41 | PVD TiAlN |
| 462.1-0067-002A0-XM | ● | ● | ● | ● | ● | ● | 0.67 | 2.89 | 37.84 | 38.00 | 3.00 | 130.00 | 3.90 | 0.16 | 4.32 | PVD TiAlN |
| 462.1-0068-003A0-XM | ● | ● | ● | ● | ● | ● | 0.68 | 3.48 | 37.84 | 38.00 | 3.00 | 130.00 | 4.50 | 0.16 | 5.12 | PVD TiAlN |
| 462.1-0069-003A0-XM | ● | ● | ● | ● | ● | ● | 0.69 | 3.46 | 37.84 | 38.00 | 3.00 | 130.00 | 4.50 | 0.16 | 5.02 | PVD TiAlN |
| 462.1-0070-003A0-XM | ● | ● | ● | ● | ● | ● | 0.70 | 3.45 | 37.84 | 38.00 | 3.00 | 130.00 | 4.50 | 0.16 | 4.93 | PVD TiAlN |
| 462.1-0071-003A0-XM | ● | ● | ● | ● | ● | ● | 0.71 | 3.43 | 37.83 | 38.00 | 3.00 | 130.00 | 4.50 | 0.17 | 4.84 | PVD TiAlN |
| 462.1-0072-003A0-XM | ● | ● | ● | ● | ● | ● | 0.72 | 3.42 | 37.83 | 38.00 | 3.00 | 130.00 | 4.50 | 0.17 | 4.75 | PVD TiAlN |
| 462.1-0073-003A0-XM | ● | ● | ● | ● | ● | ● | 0.73 | 3.40 | 37.83 | 38.00 | 3.00 | 130.00 | 4.50 | 0.17 | 4.66 | PVD TiAlN |
| 462.1-0074-003A0-XM | ● | ● | ● | ● | ● | ● | 0.74 | 3.39 | 37.83 | 38.00 | 3.00 | 130.00 | 4.50 | 0.17 | 4.58 | PVD TiAlN |
| 462.1-0075-003A0-XM | ● | ● | ● | ● | ● | ● | 0.75 | 3.38 | 37.83 | 38.00 | 3.00 | 130.00 | 4.50 | 0.17 | 4.50 | PVD TiAlN |
| 462.1-0076-003A0-XM | ● | ● | ● | ● | ● | ● | 0.76 | 3.86 | 37.82 | 38.00 | 3.00 | 130.00 | 5.00 | 0.18 | 5.08 | PVD TiAlN |
| 462.1-0077-003A0-XM | ● | ● | ● | ● | ● | ● | 0.77 | 3.85 | 37.82 | 38.00 | 3.00 | 130.00 | 5.00 | 0.18 | 4.99 | PVD TiAlN |
| 462.1-0078-003A0-XM | ● | ● | ● | ● | ● | ● | 0.78 | 3.83 | 37.82 | 38.00 | 3.00 | 130.00 | 5.00 | 0.18 | 4.91 | PVD TiAlN |
| 462.1-0079-003A0-XM | ● | ● | ● | ● | ● | ● | 0.79 | 3.82 | 37.82 | 38.00 | 3.00 | 130.00 | 5.00 | 0.18 | 4.83 | PVD TiAlN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

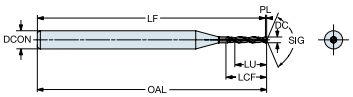
Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **COATING** |
| 462.1-0080-003A0-XM | ● | ● | ● | ● | ● | ● | 0.80 | 3.80 | 37.81 | 38.00 | 3.00 | 130.00 | 5.00 | 0.19 | 4.75 | PVD TiAlN |
| 462.1-0081-003A0-XM | ● | ● | ● | ● | ● | ● | 0.81 | 3.79 | 37.81 | 38.00 | 3.00 | 130.00 | 5.00 | 0.19 | 4.67 | PVD TiAlN |
| 462.1-0082-003A0-XM | ● | ● | ● | ● | ● | ● | 0.82 | 3.77 | 37.81 | 38.00 | 3.00 | 130.00 | 5.00 | 0.19 | 4.60 | PVD TiAlN |
| 462.1-0083-003A0-XM | ● | ● | ● | ● | ● | ● | 0.83 | 3.76 | 37.81 | 38.00 | 3.00 | 130.00 | 5.00 | 0.19 | 4.52 | PVD TiAlN |
| 462.1-0084-003A0-XM | ● | ● | ● | ● | ● | ● | 0.84 | 3.74 | 37.80 | 38.00 | 3.00 | 130.00 | 5.00 | 0.20 | 4.45 | PVD TiAlN |
| 462.1-0085-003A0-XM | ● | ● | ● | ● | ● | ● | 0.85 | 3.72 | 37.80 | 38.00 | 3.00 | 130.00 | 5.00 | 0.20 | 4.38 | PVD TiAlN |
| 462.1-0086-004A0-XM | ● | ● | ● | ● | ● | ● | 0.86 | 4.41 | 37.80 | 38.00 | 3.00 | 130.00 | 5.70 | 0.20 | 5.13 | PVD TiAlN |
| 462.1-0087-004A0-XM | ● | ● | ● | ● | ● | ● | 0.87 | 4.39 | 37.80 | 38.00 | 3.00 | 130.00 | 5.70 | 0.20 | 5.05 | PVD TiAlN |
| 462.1-0088-004A0-XM | ● | ● | ● | ● | ● | ● | 0.88 | 4.38 | 37.79 | 38.00 | 3.00 | 130.00 | 5.70 | 0.21 | 4.98 | PVD TiAlN |
| 462.1-0089-004A0-XM | ● | ● | ● | ● | ● | ● | 0.89 | 4.36 | 37.79 | 38.00 | 3.00 | 130.00 | 5.70 | 0.21 | 4.90 | PVD TiAlN |
| 462.1-0090-004A0-XM | ● | ● | ● | ● | ● | ● | 0.90 | 4.35 | 37.79 | 38.00 | 3.00 | 130.00 | 5.70 | 0.21 | 4.83 | PVD TiAlN |
| 462.1-0091-004A0-XM | ● | ● | ● | ● | ● | ● | 0.91 | 4.34 | 37.79 | 38.00 | 3.00 | 130.00 | 5.70 | 0.21 | 4.76 | PVD TiAlN |
| 462.1-0092-004A0-XM | ● | ● | ● | ● | ● | ● | 0.92 | 4.32 | 37.79 | 38.00 | 3.00 | 130.00 | 5.70 | 0.21 | 4.70 | PVD TiAlN |
| 462.1-0093-004A0-XM | ● | ● | ● | ● | ● | ● | 0.93 | 4.30 | 37.78 | 38.00 | 3.00 | 130.00 | 5.70 | 0.22 | 4.63 | PVD TiAlN |
| 462.1-0094-004A0-XM | ● | ● | ● | ● | ● | ● | 0.94 | 4.29 | 37.78 | 38.00 | 3.00 | 130.00 | 5.70 | 0.22 | 4.56 | PVD TiAlN |
| 462.1-0095-004A0-XM | ● | ● | ● | ● | ● | ● | 0.95 | 4.28 | 37.78 | 38.00 | 3.00 | 130.00 | 5.70 | 0.22 | 4.50 | PVD TiAlN |
| 462.1-0096-005A0-XM | ● | ● | ● | ● | ● | ● | 0.96 | 5.06 | 37.78 | 38.00 | 3.00 | 130.00 | 6.50 | 0.22 | 5.27 | PVD TiAlN |
| 462.1-0097-005A0-XM | ● | ● | ● | ● | ● | ● | 0.97 | 5.05 | 37.77 | 38.00 | 3.00 | 130.00 | 6.50 | 0.23 | 5.20 | PVD TiAlN |
| 462.1-0098-005A0-XM | ● | ● | ● | ● | ● | ● | 0.98 | 5.03 | 37.77 | 38.00 | 3.00 | 130.00 | 6.50 | 0.23 | 5.13 | PVD TiAlN |
| 462.1-0099-005A0-XM | ● | ● | ● | ● | ● | ● | 0.99 | 5.01 | 37.77 | 38.00 | 3.00 | 130.00 | 6.50 | 0.23 | 5.07 | PVD TiAlN |
| 462.1-0100-005A0-XM | ● | ● | ● | ● | ● | ● | 1.00 | 5.00 | 37.77 | 38.00 | 3.00 | 130.00 | 6.50 | 0.23 | 5.00 | PVD TiAlN |
| 462.1-0101-004A0-XM | ● | ● | ● | ● | ● | ● | 1.01 | 4.99 | 37.76 | 38.00 | 3.00 | 130.00 | 6.50 | 0.24 | 4.94 | PVD TiAlN |
| 462.1-0102-004A0-XM | ● | ● | ● | ● | ● | ● | 1.02 | 4.97 | 37.76 | 38.00 | 3.00 | 130.00 | 6.50 | 0.24 | 4.87 | PVD TiAlN |
| 462.1-0103-004A0-XM | ● | ● | ● | ● | ● | ● | 1.03 | 4.95 | 37.76 | 38.00 | 3.00 | 130.00 | 6.50 | 0.24 | 4.81 | PVD TiAlN |
| 462.1-0104-004A0-XM | ● | ● | ● | ● | ● | ● | 1.04 | 4.94 | 37.76 | 38.00 | 3.00 | 130.00 | 6.50 | 0.24 | 4.75 | PVD TiAlN |
| 462.1-0105-004A0-XM | ● | ● | ● | ● | ● | ● | 1.05 | 4.93 | 37.76 | 38.00 | 3.00 | 130.00 | 6.50 | 0.24 | 4.69 | PVD TiAlN |
| 462.1-0106-005A0-XM | ● | ● | ● | ● | ● | ● | 1.06 | 5.71 | 37.75 | 38.00 | 3.00 | 130.00 | 7.30 | 0.25 | 5.39 | PVD TiAlN |
| 462.1-0107-005A0-XM | ● | ● | ● | ● | ● | ● | 1.07 | 5.70 | 37.75 | 38.00 | 3.00 | 130.00 | 7.30 | 0.25 | 5.32 | PVD TiAlN |
| 462.1-0108-005A0-XM | ● | ● | ● | ● | ● | ● | 1.08 | 5.68 | 37.75 | 38.00 | 3.00 | 130.00 | 7.30 | 0.25 | 5.26 | PVD TiAlN |
| 462.1-0109-005A0-XM | ● | ● | ● | ● | ● | ● | 1.09 | 5.66 | 37.75 | 38.00 | 3.00 | 130.00 | 7.30 | 0.25 | 5.20 | PVD TiAlN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

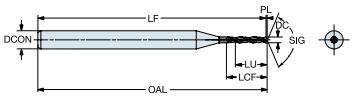
Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **COATING** |
| 462.1-0110-005A0-XM | ● | ● | ● | ● | ● | ● | 1.10 | 5.65 | 37.74 | 38.00 | 3.00 | 130.00 | 7.30 | 0.26 | 5.14 | PVD TiAlN |
| 462.1-0111-005A0-XM | ● | ● | ● | ● | ● | ● | 1.11 | 5.64 | 37.74 | 38.00 | 3.00 | 130.00 | 7.30 | 0.26 | 5.08 | PVD TiAlN |
| 462.1-0112-005A0-XM | ● | ● | ● | ● | ● | ● | 1.12 | 5.62 | 37.74 | 38.00 | 3.00 | 130.00 | 7.30 | 0.26 | 5.02 | PVD TiAlN |
| 462.1-0113-005A0-XM | ● | ● | ● | ● | ● | ● | 1.13 | 5.61 | 37.74 | 38.00 | 3.00 | 130.00 | 7.30 | 0.26 | 4.96 | PVD TiAlN |
| 462.1-0114-005A0-XM | ● | ● | ● | ● | ● | ● | 1.14 | 5.59 | 37.73 | 38.00 | 3.00 | 130.00 | 7.30 | 0.27 | 4.90 | PVD TiAlN |
| 462.1-0115-005A0-XM | ● | ● | ● | ● | ● | ● | 1.15 | 5.57 | 37.73 | 38.00 | 3.00 | 130.00 | 7.30 | 0.27 | 4.85 | PVD TiAlN |
| 462.1-0116-006A0-XM | ● | ● | ● | ● | ● | ● | 1.16 | 6.46 | 37.73 | 38.00 | 3.00 | 130.00 | 8.20 | 0.27 | 5.57 | PVD TiAlN |
| 462.1-0117-006A0-XM | ● | ● | ● | ● | ● | ● | 1.17 | 6.45 | 37.73 | 38.00 | 3.00 | 130.00 | 8.20 | 0.27 | 5.51 | PVD TiAlN |
| 462.1-0118-006A0-XM | ● | ● | ● | ● | ● | ● | 1.18 | 6.43 | 37.72 | 38.00 | 3.00 | 130.00 | 8.20 | 0.28 | 5.45 | PVD TiAlN |
| 462.1-0119-006A0-XM | ● | ● | ● | ● | ● | ● | 1.19 | 6.41 | 37.72 | 38.00 | 3.00 | 130.00 | 8.20 | 0.28 | 5.39 | PVD TiAlN |
| 462.1-0120-006A0-XM | ● | ● | ● | ● | ● | ● | 1.20 | 6.40 | 37.72 | 38.00 | 3.00 | 130.00 | 8.20 | 0.28 | 5.33 | PVD TiAlN |
| 462.1-0121-006A0-XM | ● | ● | ● | ● | ● | ● | 1.21 | 6.39 | 37.72 | 38.00 | 3.00 | 130.00 | 8.20 | 0.28 | 5.28 | PVD TiAlN |
| 462.1-0122-006A0-XM | ● | ● | ● | ● | ● | ● | 1.22 | 6.37 | 37.72 | 38.00 | 3.00 | 130.00 | 8.20 | 0.28 | 5.22 | PVD TiAlN |
| 462.1-0123-006A0-XM | ● | ● | ● | ● | ● | ● | 1.23 | 6.36 | 37.71 | 38.00 | 3.00 | 130.00 | 8.20 | 0.29 | 5.17 | PVD TiAlN |
| 462.1-0124-006A0-XM | ● | ● | ● | ● | ● | ● | 1.24 | 6.34 | 37.71 | 38.00 | 3.00 | 130.00 | 8.20 | 0.29 | 5.11 | PVD TiAlN |
| 462.1-0125-006A0-XM | ● | ● | ● | ● | ● | ● | 1.25 | 6.32 | 37.71 | 38.00 | 3.00 | 130.00 | 8.20 | 0.29 | 5.06 | PVD TiAlN |
| 462.1-0126-006A0-XM | ● | ● | ● | ● | ● | ● | 1.26 | 6.31 | 37.71 | 38.00 | 3.00 | 130.00 | 8.20 | 0.29 | 5.01 | PVD TiAlN |
| 462.1-0127-006A0-XM | ● | ● | ● | ● | ● | ● | 1.27 | 6.30 | 37.70 | 38.00 | 3.00 | 130.00 | 8.20 | 0.30 | 4.96 | PVD TiAlN |
| 462.1-0128-006A0-XM | ● | ● | ● | ● | ● | ● | 1.28 | 6.28 | 37.70 | 38.00 | 3.00 | 130.00 | 8.20 | 0.30 | 4.91 | PVD TiAlN |
| 462.1-0129-006A0-XM | ● | ● | ● | ● | ● | ● | 1.29 | 6.26 | 37.70 | 38.00 | 3.00 | 130.00 | 8.20 | 0.30 | 4.86 | PVD TiAlN |
| 462.1-0130-006A0-XM | ● | ● | ● | ● | ● | ● | 1.30 | 6.25 | 37.70 | 38.00 | 3.00 | 130.00 | 8.20 | 0.30 | 4.81 | PVD TiAlN |
| 462.1-0131-007A0-XM | ● | ● | ● | ● | ● | ● | 1.31 | 7.24 | 37.69 | 38.00 | 3.00 | 130.00 | 9.20 | 0.31 | 5.52 | PVD TiAlN |
| 462.1-0132-007A0-XM | ● | ● | ● | ● | ● | ● | 1.32 | 7.22 | 37.69 | 38.00 | 3.00 | 130.00 | 9.20 | 0.31 | 5.47 | PVD TiAlN |
| 462.1-0133-007A0-XM | ● | ● | ● | ● | ● | ● | 1.33 | 7.20 | 37.69 | 38.00 | 3.00 | 130.00 | 9.20 | 0.31 | 5.42 | PVD TiAlN |
| 462.1-0134-007A0-XM | ● | ● | ● | ● | ● | ● | 1.34 | 7.19 | 37.69 | 38.00 | 3.00 | 130.00 | 9.20 | 0.31 | 5.37 | PVD TiAlN |
| 462.1-0135-007A0-XM | ● | ● | ● | ● | ● | ● | 1.35 | 7.18 | 37.69 | 38.00 | 3.00 | 130.00 | 9.20 | 0.31 | 5.31 | PVD TiAlN |
| 462.1-0136-007A0-XM | ● | ● | ● | ● | ● | ● | 1.36 | 7.16 | 37.68 | 38.00 | 3.00 | 130.00 | 9.20 | 0.32 | 5.26 | PVD TiAlN |
| 462.1-0137-007A0-XM | ● | ● | ● | ● | ● | ● | 1.37 | 7.14 | 37.68 | 38.00 | 3.00 | 130.00 | 9.20 | 0.32 | 5.22 | PVD TiAlN |
| 462.1-0138-007A0-XM | ● | ● | ● | ● | ● | ● | 1.38 | 7.13 | 37.68 | 38.00 | 3.00 | 130.00 | 9.20 | 0.32 | 5.17 | PVD TiAlN |
| 462.1-0139-007A0-XM | ● | ● | ● | ● | ● | ● | 1.39 | 7.11 | 37.68 | 38.00 | 3.00 | 130.00 | 9.20 | 0.32 | 5.12 | PVD TiAlN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

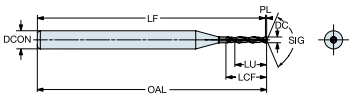
Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **COATING** |
| 462.1-0140-007A0-XM | ● | ● | ● | ● | ● | ● | 1.40 | 7.10 | 37.67 | 38.00 | 3.00 | 130.00 | 9.20 | 0.33 | 5.07 | PVD TiAlN |
| 462.1-0141-007A0-XM | ● | ● | ● | ● | ● | ● | 1.41 | 7.09 | 37.67 | 38.00 | 3.00 | 130.00 | 9.20 | 0.33 | 5.02 | PVD TiAlN |
| 462.1-0142-007A0-XM | ● | ● | ● | ● | ● | ● | 1.42 | 7.07 | 37.67 | 38.00 | 3.00 | 130.00 | 9.20 | 0.33 | 4.98 | PVD TiAlN |
| 462.1-0143-007A0-XM | ● | ● | ● | ● | ● | ● | 1.43 | 7.05 | 37.67 | 38.00 | 3.00 | 130.00 | 9.20 | 0.33 | 4.93 | PVD TiAlN |
| 462.1-0144-007A0-XM | ● | ● | ● | ● | ● | ● | 1.44 | 7.04 | 37.66 | 38.00 | 3.00 | 130.00 | 9.20 | 0.34 | 4.89 | PVD TiAlN |
| 462.1-0145-007A0-XM | ● | ● | ● | ● | ● | ● | 1.45 | 7.03 | 37.66 | 38.00 | 3.00 | 130.00 | 9.20 | 0.34 | 4.84 | PVD TiAlN |
| 462.1-0146-007A0-XM | ● | ● | ● | ● | ● | ● | 1.46 | 7.01 | 37.66 | 38.00 | 3.00 | 130.00 | 9.20 | 0.34 | 4.80 | PVD TiAlN |
| 462.1-0147-006A0-XM | ● | ● | ● | ● | ● | ● | 1.47 | 6.99 | 37.66 | 38.00 | 3.00 | 130.00 | 9.20 | 0.34 | 4.76 | PVD TiAlN |
| 462.1-0148-006A0-XM | ● | ● | ● | ● | ● | ● | 1.48 | 6.98 | 37.65 | 38.00 | 3.00 | 130.00 | 9.20 | 0.35 | 4.72 | PVD TiAlN |
| 462.1-0149-006A0-XM | ● | ● | ● | ● | ● | ● | 1.49 | 6.97 | 37.65 | 38.00 | 3.00 | 130.00 | 9.20 | 0.35 | 4.67 | PVD TiAlN |
| 462.1-0150-006A0-XM | ● | ● | ● | ● | ● | ● | 1.50 | 6.95 | 37.65 | 38.00 | 3.00 | 130.00 | 9.20 | 0.35 | 4.63 | PVD TiAlN |
| 462.1-0151-008A0-XM | ● | ● | ● | ● | ● | ● | 1.51 | 8.94 | 37.65 | 38.00 | 3.00 | 130.00 | 11.20 | 0.35 | 5.92 | PVD TiAlN |
| 462.1-0152-008A0-XM | ● | ● | ● | ● | ● | ● | 1.52 | 8.92 | 37.65 | 38.00 | 3.00 | 130.00 | 11.20 | 0.35 | 5.87 | PVD TiAlN |
| 462.1-0153-008A0-XM | ● | ● | ● | ● | ● | ● | 1.53 | 8.90 | 37.64 | 38.00 | 3.00 | 130.00 | 11.20 | 0.36 | 5.82 | PVD TiAlN |
| 462.1-0154-008A0-XM | ● | ● | ● | ● | ● | ● | 1.54 | 8.89 | 37.64 | 38.00 | 3.00 | 130.00 | 11.20 | 0.36 | 5.77 | PVD TiAlN |
| 462.1-0155-008A0-XM | ● | ● | ● | ● | ● | ● | 1.55 | 8.88 | 37.64 | 38.00 | 3.00 | 130.00 | 11.20 | 0.36 | 5.73 | PVD TiAlN |
| 462.1-0156-008A0-XM | ● | ● | ● | ● | ● | ● | 1.56 | 8.86 | 37.64 | 38.00 | 3.00 | 130.00 | 11.20 | 0.36 | 5.68 | PVD TiAlN |
| 462.1-0157-008A0-XM | ● | ● | ● | ● | ● | ● | 1.57 | 8.85 | 37.63 | 38.00 | 3.00 | 130.00 | 11.20 | 0.37 | 5.63 | PVD TiAlN |
| 462.1-0158-008A0-XM | ● | ● | ● | ● | ● | ● | 1.58 | 8.83 | 37.63 | 38.00 | 3.00 | 130.00 | 11.20 | 0.37 | 5.59 | PVD TiAlN |
| 462.1-0159-008A0-XM | ● | ● | ● | ● | ● | ● | 1.59 | 8.81 | 37.63 | 38.00 | 3.00 | 130.00 | 11.20 | 0.37 | 5.54 | PVD TiAlN |
| 462.1-0160-008A0-XM | ● | ● | ● | ● | ● | ● | 1.60 | 8.80 | 37.63 | 38.00 | 3.00 | 130.00 | 11.20 | 0.37 | 5.50 | PVD TiAlN |
| 462.1-0161-008A0-XM | ● | ● | ● | ● | ● | ● | 1.61 | 8.78 | 37.62 | 38.00 | 3.00 | 130.00 | 11.20 | 0.38 | 5.46 | PVD TiAlN |
| 462.1-0162-008A0-XM | ● | ● | ● | ● | ● | ● | 1.62 | 8.77 | 37.62 | 38.00 | 3.00 | 130.00 | 11.20 | 0.38 | 5.41 | PVD TiAlN |
| 462.1-0163-008A0-XM | ● | ● | ● | ● | ● | ● | 1.63 | 8.76 | 37.62 | 38.00 | 3.00 | 130.00 | 11.20 | 0.38 | 5.37 | PVD TiAlN |
| 462.1-0164-008A0-XM | ● | ● | ● | ● | ● | ● | 1.64 | 8.74 | 37.62 | 38.00 | 3.00 | 130.00 | 11.20 | 0.38 | 5.33 | PVD TiAlN |
| 462.1-0165-008A0-XM | ● | ● | ● | ● | ● | ● | 1.65 | 8.73 | 37.62 | 38.00 | 3.00 | 130.00 | 11.20 | 0.38 | 5.29 | PVD TiAlN |
| 462.1-0166-008A0-XM | ● | ● | ● | ● | ● | ● | 1.66 | 8.71 | 37.61 | 38.00 | 3.00 | 130.00 | 11.20 | 0.39 | 5.25 | PVD TiAlN |
| 462.1-0167-008A0-XM | ● | ● | ● | ● | ● | ● | 1.67 | 8.69 | 37.61 | 38.00 | 3.00 | 130.00 | 11.20 | 0.39 | 5.21 | PVD TiAlN |
| 462.1-0168-008A0-XM | ● | ● | ● | ● | ● | ● | 1.68 | 8.68 | 37.61 | 38.00 | 3.00 | 130.00 | 11.20 | 0.39 | 5.17 | PVD TiAlN |
| 462.1-0169-008A0-XM | ● | ● | ● | ● | ● | ● | 1.69 | 8.66 | 37.61 | 38.00 | 3.00 | 130.00 | 11.20 | 0.39 | 5.13 | PVD TiAlN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

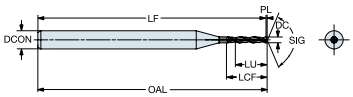
Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **COATING** |
| 462.1-0170-008A0-XM | ● | ● | ● | ● | ● | ● | 1.70 | 8.65 | 37.60 | 38.00 | 3.00 | 130.00 | 11.20 | 0.40 | 5.09 | PVD TiAlN |
| 462.1-0171-008A0-XM | ● | ● | ● | ● | ● | ● | 1.71 | 8.64 | 37.60 | 38.00 | 3.00 | 130.00 | 11.20 | 0.40 | 5.05 | PVD TiAlN |
| 462.1-0172-008A0-XM | ● | ● | ● | ● | ● | ● | 1.72 | 8.62 | 37.60 | 38.00 | 3.00 | 130.00 | 11.20 | 0.40 | 5.01 | PVD TiAlN |
| 462.1-0173-008A0-XM | ● | ● | ● | ● | ● | ● | 1.73 | 8.60 | 37.60 | 38.00 | 3.00 | 130.00 | 11.20 | 0.40 | 4.97 | PVD TiAlN |
| 462.1-0174-008A0-XM | ● | ● | ● | ● | ● | ● | 1.74 | 8.59 | 37.59 | 38.00 | 3.00 | 130.00 | 11.20 | 0.41 | 4.94 | PVD TiAlN |
| 462.1-0175-008A0-XM | ● | ● | ● | ● | ● | ● | 1.75 | 8.57 | 37.59 | 38.00 | 3.00 | 130.00 | 11.20 | 0.41 | 4.90 | PVD TiAlN |
| 462.1-0176-008A0-XM | ● | ● | ● | ● | ● | ● | 1.76 | 8.56 | 37.59 | 38.00 | 3.00 | 130.00 | 11.20 | 0.41 | 4.86 | PVD TiAlN |
| 462.1-0177-008A0-XM | ● | ● | ● | ● | ● | ● | 1.77 | 8.55 | 37.59 | 38.00 | 3.00 | 130.00 | 11.20 | 0.41 | 4.83 | PVD TiAlN |
| 462.1-0178-008A0-XM | ● | ● | ● | ● | ● | ● | 1.78 | 8.53 | 37.58 | 38.00 | 3.00 | 130.00 | 11.20 | 0.42 | 4.79 | PVD TiAlN |
| 462.1-0179-008A0-XM | ● | ● | ● | ● | ● | ● | 1.79 | 8.52 | 37.58 | 38.00 | 3.00 | 130.00 | 11.20 | 0.42 | 4.76 | PVD TiAlN |
| 462.1-0180-008A0-XM | ● | ● | ● | ● | ● | ● | 1.80 | 8.50 | 37.58 | 38.00 | 3.00 | 130.00 | 11.20 | 0.42 | 4.72 | PVD TiAlN |
| 462.1-0181-008A0-XM | ● | ● | ● | ● | ● | ● | 1.81 | 8.48 | 37.58 | 38.00 | 3.00 | 130.00 | 11.20 | 0.42 | 4.69 | PVD TiAlN |
| 462.1-0182-008A0-XM | ● | ● | ● | ● | ● | ● | 1.82 | 8.47 | 37.58 | 38.00 | 3.00 | 130.00 | 11.20 | 0.42 | 4.65 | PVD TiAlN |
| 462.1-0183-008A0-XM | ● | ● | ● | ● | ● | ● | 1.83 | 8.45 | 37.57 | 38.00 | 3.00 | 130.00 | 11.20 | 0.43 | 4.62 | PVD TiAlN |
| 462.1-0184-008A0-XM | ● | ● | ● | ● | ● | ● | 1.84 | 8.44 | 37.57 | 38.00 | 3.00 | 130.00 | 11.20 | 0.43 | 4.59 | PVD TiAlN |
| 462.1-0185-008A0-XM | ● | ● | ● | ● | ● | ● | 1.85 | 8.43 | 37.57 | 38.00 | 3.00 | 130.00 | 11.20 | 0.43 | 4.55 | PVD TiAlN |
| 462.1-0186-008A0-XM | ● | ● | ● | ● | ● | ● | 1.86 | 8.41 | 37.57 | 38.00 | 3.00 | 130.00 | 11.20 | 0.43 | 4.52 | PVD TiAlN |
| 462.1-0187-008A0-XM | ● | ● | ● | ● | ● | ● | 1.87 | 8.40 | 37.56 | 38.00 | 3.00 | 130.00 | 11.20 | 0.44 | 4.49 | PVD TiAlN |
| 462.1-0188-008A0-XM | ● | ● | ● | ● | ● | ● | 1.88 | 8.38 | 37.56 | 38.00 | 3.00 | 130.00 | 11.20 | 0.44 | 4.46 | PVD TiAlN |
| 462.1-0189-008A0-XM | ● | ● | ● | ● | ● | ● | 1.89 | 8.36 | 37.56 | 38.00 | 3.00 | 130.00 | 11.20 | 0.44 | 4.43 | PVD TiAlN |
| 462.1-0190-008A0-XM | ● | ● | ● | ● | ● | ● | 1.90 | 8.35 | 37.56 | 38.00 | 3.00 | 130.00 | 11.20 | 0.44 | 4.39 | PVD TiAlN |
| 462.1-0191-008A0-XM | ● | ● | ● | ● | ● | ● | 1.91 | 8.34 | 37.55 | 38.00 | 3.00 | 130.00 | 11.20 | 0.45 | 4.36 | PVD TiAlN |
| 462.1-0192-008A0-XM | ● | ● | ● | ● | ● | ● | 1.92 | 8.32 | 37.55 | 38.00 | 3.00 | 130.00 | 11.20 | 0.45 | 4.33 | PVD TiAlN |
| 462.1-0193-008A0-XM | ● | ● | ● | ● | ● | ● | 1.93 | 8.31 | 37.55 | 38.00 | 3.00 | 130.00 | 11.20 | 0.45 | 4.30 | PVD TiAlN |
| 462.1-0194-008A0-XM | ● | ● | ● | ● | ● | ● | 1.94 | 8.29 | 37.55 | 38.00 | 3.00 | 130.00 | 11.20 | 0.45 | 4.27 | PVD TiAlN |
| 462.1-0195-008A0-XM | ● | ● | ● | ● | ● | ● | 1.95 | 8.27 | 37.55 | 38.00 | 3.00 | 130.00 | 11.20 | 0.45 | 4.24 | PVD TiAlN |
| 462.1-0196-008A0-XM | ● | ● | ● | ● | ● | ● | 1.96 | 8.26 | 37.54 | 38.00 | 3.00 | 130.00 | 11.20 | 0.46 | 4.21 | PVD TiAlN |
| 462.1-0197-008A0-XM | ● | ● | ● | ● | ● | ● | 1.97 | 8.24 | 37.54 | 38.00 | 3.00 | 130.00 | 11.20 | 0.46 | 4.19 | PVD TiAlN |
| 462.1-0198-008A0-XM | ● | ● | ● | ● | ● | ● | 1.98 | 8.23 | 37.54 | 38.00 | 3.00 | 130.00 | 11.20 | 0.46 | 4.16 | PVD TiAlN |
| 462.1-0199-008A0-XM | ● | ● | ● | ● | ● | ● | 1.99 | 8.22 | 37.54 | 38.00 | 3.00 | 130.00 | 11.20 | 0.46 | 4.13 | PVD TiAlN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

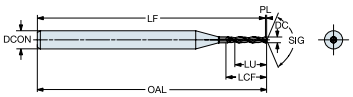
Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **DCON$_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **COATING** |
| 462.1-0200-008A0-XM | ● | ● | ● | ● | ● | ● | 2.00 | 8.20 | 37.53 | 38.00 | 3.00 | 130.00 | 11.20 | 0.47 | 4.10 | PVD TiAlN |
| 462.1-0201-009A0-XM | ● | ● | ● | ● | ● | ● | 2.01 | 9.48 | 37.53 | 38.00 | 3.00 | 130.00 | 12.50 | 0.47 | 4.72 | PVD TiAlN |
| 462.1-0202-009A0-XM | ● | ● | ● | ● | ● | ● | 2.02 | 9.47 | 37.53 | 38.00 | 3.00 | 130.00 | 12.50 | 0.47 | 4.69 | PVD TiAlN |
| 462.1-0203-009A0-XM | ● | ● | ● | ● | ● | ● | 2.03 | 9.45 | 37.53 | 38.00 | 3.00 | 130.00 | 12.50 | 0.47 | 4.66 | PVD TiAlN |
| 462.1-0204-009A0-XM | ● | ● | ● | ● | ● | ● | 2.04 | 9.44 | 37.52 | 38.00 | 3.00 | 130.00 | 12.50 | 0.48 | 4.63 | PVD TiAlN |
| 462.1-0205-009A0-XM | ● | ● | ● | ● | ● | ● | 2.05 | 9.43 | 37.52 | 38.00 | 3.00 | 130.00 | 12.50 | 0.48 | 4.60 | PVD TiAlN |
| 462.1-0206-009A0-XM | ● | ● | ● | ● | ● | ● | 2.06 | 9.41 | 37.52 | 38.00 | 3.00 | 130.00 | 12.50 | 0.48 | 4.57 | PVD TiAlN |
| 462.1-0207-009A0-XM | ● | ● | ● | ● | ● | ● | 2.07 | 9.40 | 37.52 | 38.00 | 3.00 | 130.00 | 12.50 | 0.48 | 4.54 | PVD TiAlN |
| 462.1-0208-009A0-XM | ● | ● | ● | ● | ● | ● | 2.08 | 9.38 | 37.52 | 38.00 | 3.00 | 130.00 | 12.50 | 0.48 | 4.51 | PVD TiAlN |
| 462.1-0209-009A0-XM | ● | ● | ● | ● | ● | ● | 2.09 | 9.36 | 37.51 | 38.00 | 3.00 | 130.00 | 12.50 | 0.49 | 4.48 | PVD TiAlN |
| 462.1-0210-009A0-XM | ● | ● | ● | ● | ● | ● | 2.10 | 9.35 | 37.51 | 38.00 | 3.00 | 130.00 | 12.50 | 0.49 | 4.45 | PVD TiAlN |
| 462.1-0211-009A0-XM | ● | ● | ● | ● | ● | ● | 2.11 | 9.34 | 37.51 | 38.00 | 3.00 | 130.00 | 12.50 | 0.49 | 4.42 | PVD TiAlN |
| 462.1-0212-009A0-XM | ● | ● | ● | ● | ● | ● | 2.12 | 9.32 | 37.51 | 38.00 | 3.00 | 130.00 | 12.50 | 0.49 | 4.40 | PVD TiAlN |
| 462.1-0213-009A0-XM | ● | ● | ● | ● | ● | ● | 2.13 | 9.31 | 37.50 | 38.00 | 3.00 | 130.00 | 12.50 | 0.50 | 4.37 | PVD TiAlN |
| 462.1-0214-009A0-XM | ● | ● | ● | ● | ● | ● | 2.14 | 9.29 | 37.50 | 38.00 | 3.00 | 130.00 | 12.50 | 0.50 | 4.34 | PVD TiAlN |
| 462.1-0215-009A0-XM | ● | ● | ● | ● | ● | ● | 2.15 | 9.27 | 37.50 | 38.00 | 3.00 | 130.00 | 12.50 | 0.50 | 4.31 | PVD TiAlN |
| 462.1-0216-009A0-XM | ● | ● | ● | ● | ● | ● | 2.16 | 9.26 | 37.50 | 38.00 | 3.00 | 130.00 | 12.50 | 0.50 | 4.29 | PVD TiAlN |
| 462.1-0217-009A0-XM | ● | ● | ● | ● | ● | ● | 2.17 | 9.24 | 37.49 | 38.00 | 3.00 | 130.00 | 12.50 | 0.51 | 4.26 | PVD TiAlN |
| 462.1-0218-009A0-XM | ● | ● | ● | ● | ● | ● | 2.18 | 9.23 | 37.49 | 38.00 | 3.00 | 130.00 | 12.50 | 0.51 | 4.23 | PVD TiAlN |
| 462.1-0219-009A0-XM | ● | ● | ● | ● | ● | ● | 2.19 | 9.22 | 37.49 | 38.00 | 3.00 | 130.00 | 12.50 | 0.51 | 4.21 | PVD TiAlN |
| 462.1-0220-009A0-XM | ● | ● | ● | ● | ● | ● | 2.20 | 9.20 | 37.49 | 38.00 | 3.00 | 130.00 | 12.50 | 0.51 | 4.18 | PVD TiAlN |
| 462.1-0221-009A0-XM | ● | ● | ● | ● | ● | ● | 2.21 | 9.19 | 37.48 | 38.00 | 3.00 | 130.00 | 12.50 | 0.52 | 4.16 | PVD TiAlN |
| 462.1-0222-009A0-XM | ● | ● | ● | ● | ● | ● | 2.22 | 9.17 | 37.48 | 38.00 | 3.00 | 130.00 | 12.50 | 0.52 | 4.13 | PVD TiAlN |
| 462.1-0223-009A0-XM | ● | ● | ● | ● | ● | ● | 2.23 | 9.15 | 37.48 | 38.00 | 3.00 | 130.00 | 12.50 | 0.52 | 4.11 | PVD TiAlN |
| 462.1-0224-009A0-XM | ● | ● | ● | ● | ● | ● | 2.24 | 9.14 | 37.48 | 38.00 | 3.00 | 130.00 | 12.50 | 0.52 | 4.08 | PVD TiAlN |
| 462.1-0225-009A0-XM | ● | ● | ● | ● | ● | ● | 2.25 | 9.13 | 37.48 | 38.00 | 3.00 | 130.00 | 12.50 | 0.52 | 4.06 | PVD TiAlN |
| 462.1-0226-009A0-XM | ● | ● | ● | ● | ● | ● | 2.26 | 9.11 | 37.47 | 38.00 | 3.00 | 130.00 | 12.50 | 0.53 | 4.03 | PVD TiAlN |
| 462.1-0227-009A0-XM | ● | ● | ● | ● | ● | ● | 2.27 | 9.10 | 37.47 | 38.00 | 3.00 | 130.00 | 12.50 | 0.53 | 4.01 | PVD TiAlN |
| 462.1-0228-009A0-XM | ● | ● | ● | ● | ● | ● | 2.28 | 9.08 | 37.47 | 38.00 | 3.00 | 130.00 | 12.50 | 0.53 | 3.98 | PVD TiAlN |
| 462.1-0229-009A0-XM | ● | ● | ● | ● | ● | ● | 2.29 | 9.06 | 37.47 | 38.00 | 3.00 | 130.00 | 12.50 | 0.53 | 3.96 | PVD TiAlN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

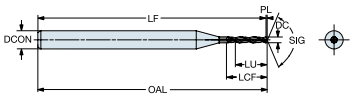
Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **COATING** |
| 462.1-0230-009A0-XM | ● | ● | ● | ● | ● | ● | 2.30 | 9.05 | 37.46 | 38.00 | 3.00 | 130.00 | 12.50 | 0.54 | 3.93 | PVD TiAlN |
| 462.1-0231-009A0-XM | ● | ● | ● | ● | ● | ● | 2.31 | 9.03 | 37.46 | 38.00 | 3.00 | 130.00 | 12.50 | 0.54 | 3.91 | PVD TiAlN |
| 462.1-0232-009A0-XM | ● | ● | ● | ● | ● | ● | 2.32 | 9.02 | 37.46 | 38.00 | 3.00 | 130.00 | 12.50 | 0.54 | 3.89 | PVD TiAlN |
| 462.1-0233-009A0-XM | ● | ● | ● | ● | ● | ● | 2.33 | 9.01 | 37.46 | 38.00 | 3.00 | 130.00 | 12.50 | 0.54 | 3.86 | PVD TiAlN |
| 462.1-0234-008A0-XM | ● | ● | ● | ● | ● | ● | 2.34 | 8.99 | 37.45 | 38.00 | 3.00 | 130.00 | 12.50 | 0.55 | 3.84 | PVD TiAlN |
| 462.1-0235-008A0-XM | ● | ● | ● | ● | ● | ● | 2.35 | 8.98 | 37.45 | 38.00 | 3.00 | 130.00 | 12.50 | 0.55 | 3.82 | PVD TiAlN |
| 462.1-0236-008A0-XM | ● | ● | ● | ● | ● | ● | 2.36 | 8.96 | 37.45 | 38.00 | 3.00 | 130.00 | 12.50 | 0.55 | 3.80 | PVD TiAlN |
| 462.1-0237-008A0-XM | ● | ● | ● | ● | ● | ● | 2.37 | 8.94 | 37.45 | 38.00 | 3.00 | 130.00 | 12.50 | 0.55 | 3.77 | PVD TiAlN |
| 462.1-0238-008A0-XM | ● | ● | ● | ● | ● | ● | 2.38 | 8.93 | 37.45 | 38.00 | 3.00 | 130.00 | 12.50 | 0.55 | 3.75 | PVD TiAlN |
| 462.1-0239-008A0-XM | ● | ● | ● | ● | ● | ● | 2.39 | 8.91 | 37.44 | 38.00 | 3.00 | 130.00 | 12.50 | 0.56 | 3.73 | PVD TiAlN |
| 462.1-0240-008A0-XM | ● | ● | ● | ● | ● | ● | 2.40 | 8.90 | 37.44 | 38.00 | 3.00 | 130.00 | 12.50 | 0.56 | 3.71 | PVD TiAlN |
| 462.1-0241-008A0-XM | ● | ● | ● | ● | ● | ● | 2.41 | 8.89 | 37.44 | 38.00 | 3.00 | 130.00 | 12.50 | 0.56 | 3.69 | PVD TiAlN |
| 462.1-0242-008A0-XM | ● | ● | ● | ● | ● | ● | 2.42 | 8.87 | 37.44 | 38.00 | 3.00 | 130.00 | 12.50 | 0.56 | 3.67 | PVD TiAlN |
| 462.1-0243-008A0-XM | ● | ● | ● | ● | ● | ● | 2.43 | 8.85 | 37.43 | 38.00 | 3.00 | 130.00 | 12.50 | 0.57 | 3.64 | PVD TiAlN |
| 462.1-0244-008A0-XM | ● | ● | ● | ● | ● | ● | 2.44 | 8.84 | 37.43 | 38.00 | 3.00 | 130.00 | 12.50 | 0.57 | 3.62 | PVD TiAlN |
| 462.1-0245-008A0-XM | ● | ● | ● | ● | ● | ● | 2.45 | 8.82 | 37.43 | 38.00 | 3.00 | 130.00 | 12.50 | 0.57 | 3.60 | PVD TiAlN |
| 462.1-0246-008A0-XM | ● | ● | ● | ● | ● | ● | 2.46 | 8.81 | 37.43 | 38.00 | 3.00 | 130.00 | 12.50 | 0.57 | 3.58 | PVD TiAlN |
| 462.1-0247-008A0-XM | ● | ● | ● | ● | ● | ● | 2.47 | 8.80 | 37.42 | 38.00 | 3.00 | 130.00 | 12.50 | 0.58 | 3.56 | PVD TiAlN |
| 462.1-0248-008A0-XM | ● | ● | ● | ● | ● | ● | 2.48 | 8.78 | 37.42 | 38.00 | 3.00 | 130.00 | 12.50 | 0.58 | 3.54 | PVD TiAlN |
| 462.1-0249-008A0-XM | ● | ● | ● | ● | ● | ● | 2.49 | 8.77 | 37.42 | 38.00 | 3.00 | 130.00 | 12.50 | 0.58 | 3.52 | PVD TiAlN |
| 462.1-0250-010A0-XM | ● | ● | ● | ● | ● | ● | 2.50 | 10.25 | 37.42 | 38.00 | 3.00 | 130.00 | 14.00 | 0.58 | 4.10 | PVD TiAlN |
| 462.1-0251-010A0-XM | ● | ● | ● | ● | ● | ● | 2.51 | 10.23 | 37.41 | 38.00 | 3.00 | 130.00 | 14.00 | 0.59 | 4.08 | PVD TiAlN |
| 462.1-0252-010A0-XM | ● | ● | ● | ● | ● | ● | 2.52 | 10.22 | 37.41 | 38.00 | 3.00 | 130.00 | 14.00 | 0.59 | 4.06 | PVD TiAlN |
| 462.1-0253-010A0-XM | ● | ● | ● | ● | ● | ● | 2.53 | 10.20 | 37.41 | 38.00 | 3.00 | 130.00 | 14.00 | 0.59 | 4.03 | PVD TiAlN |
| 462.1-0254-010A0-XM | ● | ● | ● | ● | ● | ● | 2.54 | 10.19 | 37.41 | 38.00 | 3.00 | 130.00 | 14.00 | 0.59 | 4.01 | PVD TiAlN |
| 462.1-0255-010A0-XM | ● | ● | ● | ● | ● | ● | 2.55 | 10.18 | 37.41 | 38.00 | 3.00 | 130.00 | 14.00 | 0.59 | 3.99 | PVD TiAlN |
| 462.1-0256-010A0-XM | ● | ● | ● | ● | ● | ● | 2.56 | 10.16 | 37.40 | 38.00 | 3.00 | 130.00 | 14.00 | 0.60 | 3.97 | PVD TiAlN |
| 462.1-0257-010A0-XM | ● | ● | ● | ● | ● | ● | 2.57 | 10.15 | 37.40 | 38.00 | 3.00 | 130.00 | 14.00 | 0.60 | 3.95 | PVD TiAlN |
| 462.1-0258-010A0-XM | ● | ● | ● | ● | ● | ● | 2.58 | 10.13 | 37.40 | 38.00 | 3.00 | 130.00 | 14.00 | 0.60 | 3.93 | PVD TiAlN |
| 462.1-0259-010A0-XM | ● | ● | ● | ● | ● | ● | 2.59 | 10.11 | 37.40 | 38.00 | 3.00 | 130.00 | 14.00 | 0.60 | 3.91 | PVD TiAlN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

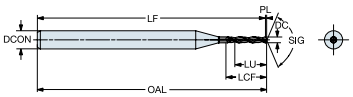
Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **COATING** |
| 462.1-0260-010A0-XM | ● | ● | ● | ● | ● | ● | 2.60 | 10.10 | 37.39 | 38.00 | 3.00 | 130.00 | 14.00 | 0.61 | 3.88 | PVD TiAlN |
| 462.1-0261-010A0-XM | ● | ● | ● | ● | ● | ● | 2.61 | 10.09 | 37.39 | 38.00 | 3.00 | 130.00 | 14.00 | 0.61 | 3.86 | PVD TiAlN |
| 462.1-0262-010A0-XM | ● | ● | ● | ● | ● | ● | 2.62 | 10.07 | 37.39 | 38.00 | 3.00 | 130.00 | 14.00 | 0.61 | 3.84 | PVD TiAlN |
| 462.1-0263-010A0-XM | ● | ● | ● | ● | ● | ● | 2.63 | 10.06 | 37.39 | 38.00 | 3.00 | 130.00 | 14.00 | 0.61 | 3.82 | PVD TiAlN |
| 462.1-0264-010A0-XM | ● | ● | ● | ● | ● | ● | 2.64 | 10.04 | 37.38 | 38.00 | 3.00 | 130.00 | 14.00 | 0.62 | 3.80 | PVD TiAlN |
| 462.1-0265-010A0-XM | ● | ● | ● | ● | ● | ● | 2.65 | 10.02 | 37.38 | 38.00 | 3.00 | 130.00 | 14.00 | 0.62 | 3.78 | PVD TiAlN |
| 462.1-0266-010A0-XM | ● | ● | ● | ● | ● | ● | 2.66 | 10.01 | 37.38 | 38.00 | 3.00 | 130.00 | 14.00 | 0.62 | 3.76 | PVD TiAlN |
| 462.1-0267-009A0-XM | ● | ● | ● | ● | ● | ● | 2.67 | 9.99 | 37.38 | 38.00 | 3.00 | 130.00 | 14.00 | 0.62 | 3.74 | PVD TiAlN |
| 462.1-0268-009A0-XM | ● | ● | ● | ● | ● | ● | 2.68 | 9.98 | 37.38 | 38.00 | 3.00 | 130.00 | 14.00 | 0.62 | 3.72 | PVD TiAlN |
| 462.1-0269-009A0-XM | ● | ● | ● | ● | ● | ● | 2.69 | 9.97 | 37.37 | 38.00 | 3.00 | 130.00 | 14.00 | 0.63 | 3.70 | PVD TiAlN |
| 462.1-0270-009A0-XM | ● | ● | ● | ● | ● | ● | 2.70 | 9.95 | 37.37 | 38.00 | 3.00 | 130.00 | 14.00 | 0.63 | 3.69 | PVD TiAlN |
| 462.1-0271-009A0-XM | ● | ● | ● | ● | ● | ● | 2.71 | 9.94 | 37.37 | 38.00 | 3.00 | 130.00 | 14.00 | 0.63 | 3.67 | PVD TiAlN |
| 462.1-0272-009A0-XM | ● | ● | ● | ● | ● | ● | 2.72 | 9.92 | 37.37 | 38.00 | 3.00 | 130.00 | 14.00 | 0.63 | 3.65 | PVD TiAlN |
| 462.1-0273-009A0-XM | ● | ● | ● | ● | ● | ● | 2.73 | 9.90 | 37.36 | 38.00 | 3.00 | 130.00 | 14.00 | 0.64 | 3.63 | PVD TiAlN |
| 462.1-0274-009A0-XM | ● | ● | ● | ● | ● | ● | 2.74 | 9.89 | 37.36 | 38.00 | 3.00 | 130.00 | 14.00 | 0.64 | 3.61 | PVD TiAlN |
| 462.1-0275-009A0-XM | ● | ● | ● | ● | ● | ● | 2.75 | 9.88 | 37.36 | 38.00 | 3.00 | 130.00 | 14.00 | 0.64 | 3.59 | PVD TiAlN |
| 462.1-0276-009A0-XM | ● | ● | ● | ● | ● | ● | 2.76 | 9.86 | 37.36 | 38.00 | 3.00 | 130.00 | 14.00 | 0.64 | 3.57 | PVD TiAlN |
| 462.1-0277-009A0-XM | ● | ● | ● | ● | ● | ● | 2.77 | 9.85 | 37.35 | 38.00 | 3.00 | 130.00 | 14.00 | 0.65 | 3.55 | PVD TiAlN |
| 462.1-0278-009A0-XM | ● | ● | ● | ● | ● | ● | 2.78 | 9.83 | 37.35 | 38.00 | 3.00 | 130.00 | 14.00 | 0.65 | 3.54 | PVD TiAlN |
| 462.1-0279-009A0-XM | ● | ● | ● | ● | ● | ● | 2.79 | 9.81 | 37.35 | 38.00 | 3.00 | 130.00 | 14.00 | 0.65 | 3.52 | PVD TiAlN |
| 462.1-0280-009A0-XM | ● | ● | ● | ● | ● | ● | 2.80 | 9.80 | 37.35 | 38.00 | 3.00 | 130.00 | 14.00 | 0.65 | 3.50 | PVD TiAlN |
| 462.1-0281-009A0-XM | ● | ● | ● | ● | ● | ● | 2.81 | 9.78 | 37.34 | 38.00 | 3.00 | 130.00 | 14.00 | 0.66 | 3.48 | PVD TiAlN |
| 462.1-0282-009A0-XM | ● | ● | ● | ● | ● | ● | 2.82 | 9.77 | 37.34 | 38.00 | 3.00 | 130.00 | 14.00 | 0.66 | 3.46 | PVD TiAlN |
| 462.1-0283-009A0-XM | ● | ● | ● | ● | ● | ● | 2.83 | 9.76 | 37.34 | 38.00 | 3.00 | 130.00 | 14.00 | 0.66 | 3.45 | PVD TiAlN |
| 462.1-0284-009A0-XM | ● | ● | ● | ● | ● | ● | 2.84 | 9.74 | 37.34 | 38.00 | 3.00 | 130.00 | 14.00 | 0.66 | 3.43 | PVD TiAlN |
| 462.1-0285-009A0-XM | ● | ● | ● | ● | ● | ● | 2.85 | 9.73 | 37.34 | 38.00 | 3.00 | 130.00 | 14.00 | 0.66 | 3.41 | PVD TiAlN |
| 462.1-0286-009A0-XM | ● | ● | ● | ● | ● | ● | 2.86 | 9.71 | 37.33 | 38.00 | 3.00 | 130.00 | 14.00 | 0.67 | 3.40 | PVD TiAlN |
| 462.1-0287-009A0-XM | ● | ● | ● | ● | ● | ● | 2.87 | 9.69 | 37.33 | 38.00 | 3.00 | 130.00 | 14.00 | 0.67 | 3.38 | PVD TiAlN |
| 462.1-0288-009A0-XM | ● | ● | ● | ● | ● | ● | 2.88 | 9.68 | 37.33 | 38.00 | 3.00 | 130.00 | 14.00 | 0.67 | 3.36 | PVD TiAlN |
| 462.1-0289-009A0-XM | ● | ● | ● | ● | ● | ● | 2.89 | 9.66 | 37.33 | 38.00 | 3.00 | 130.00 | 14.00 | 0.67 | 3.34 | PVD TiAlN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

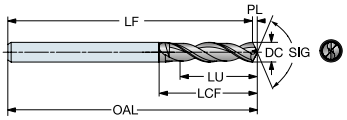
Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **COATING** |
| 462.1-0290-009A0-XM | ● | ● | ● | ● | ● | ● | 2.90 | 9.65 | 37.32 | 38.00 | 3.00 | 130.00 | 14.00 | 0.68 | 3.33 | PVD TiAlN |
| 462.1-0291-009A0-XM | ● | ● | ● | ● | ● | ● | 2.91 | 9.64 | 37.32 | 38.00 | 3.00 | 130.00 | 14.00 | 0.68 | 3.31 | PVD TiAlN |
| 462.1-0292-009A0-XM | ● | ● | ● | ● | ● | ● | 2.92 | 9.62 | 37.32 | 38.00 | 3.00 | 130.00 | 14.00 | 0.68 | 3.29 | PVD TiAlN |
| 462.1-0293-009A0-XM | ● | ● | ● | ● | ● | ● | 2.93 | 9.60 | 37.32 | 38.00 | 3.00 | 130.00 | 14.00 | 0.68 | 3.28 | PVD TiAlN |
| 462.1-0294-009A0-XM | ● | ● | ● | ● | ● | ● | 2.94 | 9.59 | 37.31 | 38.00 | 3.00 | 130.00 | 14.00 | 0.69 | 3.26 | PVD TiAlN |
| 462.1-0295-009A0-XM | ● | ● | ● | ● | ● | ● | 2.95 | 9.57 | 37.31 | 38.00 | 3.00 | 130.00 | 14.00 | 0.69 | 3.25 | PVD TiAlN |
| 462.1-0296-009A0-XM | ● | ● | ● | ● | ● | ● | 2.96 | 9.56 | 37.31 | 38.00 | 3.00 | 130.00 | 14.00 | 0.69 | 3.23 | PVD TiAlN |
| 462.1-0297-009A0-XM | ● | ● | ● | ● | ● | ● | 2.97 | 9.55 | 37.31 | 38.00 | 3.00 | 130.00 | 14.00 | 0.69 | 3.21 | PVD TiAlN |
| 462.1-0298-009A0-XM | ● | ● | ● | ● | ● | ● | 2.98 | 9.53 | 37.31 | 38.00 | 3.00 | 130.00 | 14.00 | 0.69 | 3.20 | PVD TiAlN |
| 462.1-0299-009A0-XM | ● | ● | ● | ● | ● | ● | 2.99 | 9.52 | 37.30 | 38.00 | 3.00 | 130.00 | 14.00 | 0.70 | 3.18 | PVD TiAlN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

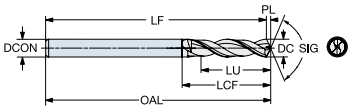
Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **X0BM** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** | **COATING** |
| 462.1-0300-009A0-XM | ● | ● | ● | ● | ● | ● | 3.00 | 9.50 | 37.30 | 38.00 | 3.00 | 130.00 | 14.00 | 0.70 | 3.17 | PVD TiAlN |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

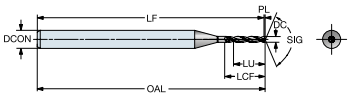
Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** |
| 462.1-0300-009A0-XM | ● | ● | ● | ● | ● | ● | 3.00 | 9.50 | 37.30 | 38.00 | 3.00 | 130.00 | 14.00 | 0.70 | 3.17 |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

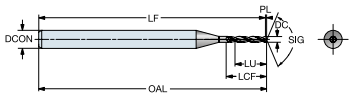
Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** |
| 462.1-0003-000A0-XM | ● | ● | ● | ● | ● | ● | 0.03 | 0.20 | 37.99 | 38.00 | 3.00 | 130.00 | 0.25 | 0.01 | 6.83 |
| 462.1-0004-000A0-XM | ● | ● | ● | ● | ● | ● | 0.04 | 0.24 | 37.99 | 38.00 | 3.00 | 130.00 | 0.30 | 0.01 | 6.00 |
| 462.1-0005-000A0-XM | ● | ● | ● | ● | ● | ● | 0.05 | 0.28 | 37.99 | 38.00 | 3.00 | 130.00 | 0.35 | 0.01 | 5.50 |
| 462.1-0006-000A0-XM | ● | ● | ● | ● | ● | ● | 0.06 | 0.31 | 37.99 | 38.00 | 3.00 | 130.00 | 0.40 | 0.01 | 5.17 |
| 462.1-0007-000A0-XM | ● | ● | ● | ● | ● | ● | 0.07 | 0.34 | 37.98 | 38.00 | 3.00 | 130.00 | 0.45 | 0.02 | 4.93 |
| 462.1-0008-000A0-XM | ● | ● | ● | ● | ● | ● | 0.08 | 0.38 | 37.98 | 38.00 | 3.00 | 130.00 | 0.50 | 0.02 | 4.75 |
| 462.1-0009-000A0-XM | ● | ● | ● | ● | ● | ● | 0.09 | 0.37 | 37.98 | 38.00 | 3.00 | 130.00 | 0.50 | 0.02 | 4.06 |
| 462.1-0010-000A0-XM | ● | ● | ● | ● | ● | ● | 0.10 | 0.35 | 37.98 | 38.00 | 3.00 | 130.00 | 0.50 | 0.02 | 3.50 |
| 462.1-0011-000A0-XM | ● | ● | ● | ● | ● | ● | 0.11 | 0.34 | 37.97 | 38.00 | 3.00 | 130.00 | 0.50 | 0.03 | 3.05 |
| 462.1-0012-000A0-XM | ● | ● | ● | ● | ● | ● | 0.12 | 0.32 | 37.97 | 38.00 | 3.00 | 130.00 | 0.50 | 0.03 | 2.67 |
| 462.1-0013-000A0-XM | ● | ● | ● | ● | ● | ● | 0.13 | 0.61 | 37.97 | 38.00 | 3.00 | 130.00 | 0.80 | 0.03 | 4.65 |
| 462.1-0014-000A0-XM | ● | ● | ● | ● | ● | ● | 0.14 | 0.59 | 37.97 | 38.00 | 3.00 | 130.00 | 0.80 | 0.03 | 4.21 |
| 462.1-0015-000A0-XM | ● | ● | ● | ● | ● | ● | 0.15 | 0.57 | 37.97 | 38.00 | 3.00 | 130.00 | 0.80 | 0.03 | 3.83 |
| 462.1-0016-000A0-XM | ● | ● | ● | ● | ● | ● | 0.16 | 0.86 | 37.96 | 38.00 | 3.00 | 130.00 | 1.10 | 0.04 | 5.38 |
| 462.1-0017-000A0-XM | ● | ● | ● | ● | ● | ● | 0.17 | 0.85 | 37.96 | 38.00 | 3.00 | 130.00 | 1.10 | 0.04 | 4.97 |
| 462.1-0018-000A0-XM | ● | ● | ● | ● | ● | ● | 0.18 | 0.83 | 37.96 | 38.00 | 3.00 | 130.00 | 1.10 | 0.04 | 4.61 |
| 462.1-0019-000A0-XM | ● | ● | ● | ● | ● | ● | 0.19 | 0.81 | 37.96 | 38.00 | 3.00 | 130.00 | 1.10 | 0.04 | 4.29 |
| 462.1-0020-001A0-XM | ● | ● | ● | ● | ● | ● | 0.20 | 1.20 | 37.95 | 38.00 | 3.00 | 130.00 | 1.50 | 0.05 | 6.00 |
| 462.1-0021-001A0-XM | ● | ● | ● | ● | ● | ● | 0.21 | 1.18 | 37.95 | 38.00 | 3.00 | 130.00 | 1.50 | 0.05 | 5.64 |
| 462.1-0022-001A0-XM | ● | ● | ● | ● | ● | ● | 0.22 | 1.17 | 37.95 | 38.00 | 3.00 | 130.00 | 1.50 | 0.05 | 5.32 |
| 462.1-0023-001A0-XM | ● | ● | ● | ● | ● | ● | 0.23 | 1.15 | 37.95 | 38.00 | 3.00 | 130.00 | 1.50 | 0.05 | 5.02 |
| 462.1-0024-001A0-XM | ● | ● | ● | ● | ● | ● | 0.24 | 1.14 | 37.94 | 38.00 | 3.00 | 130.00 | 1.50 | 0.06 | 4.75 |
| 462.1-0025-001A0-XM | ● | ● | ● | ● | ● | ● | 0.25 | 1.52 | 37.94 | 38.00 | 3.00 | 130.00 | 1.90 | 0.06 | 6.10 |
| 462.1-0026-001A0-XM | ● | ● | ● | ● | ● | ● | 0.26 | 1.51 | 37.94 | 38.00 | 3.00 | 130.00 | 1.90 | 0.06 | 5.81 |
| 462.1-0027-001A0-XM | ● | ● | ● | ● | ● | ● | 0.27 | 1.50 | 37.94 | 38.00 | 3.00 | 130.00 | 1.90 | 0.06 | 5.54 |
| 462.1-0028-001A0-XM | ● | ● | ● | ● | ● | ● | 0.28 | 1.48 | 37.93 | 38.00 | 3.00 | 130.00 | 1.90 | 0.07 | 5.29 |
| 462.1-0029-001A0-XM | ● | ● | ● | ● | ● | ● | 0.29 | 1.47 | 37.93 | 38.00 | 3.00 | 130.00 | 1.90 | 0.07 | 5.05 |
| 462.1-0030-001A0-XM | ● | ● | ● | ● | ● | ● | 0.30 | 1.35 | 37.93 | 38.00 | 3.00 | 130.00 | 1.80 | 0.07 | 4.50 |
| 462.1-0031-001A0-XM | ● | ● | ● | ● | ● | ● | 0.31 | 1.34 | 37.93 | 38.00 | 3.00 | 130.00 | 1.80 | 0.07 | 4.31 |
| 462.1-0032-001A0-XM | ● | ● | ● | ● | ● | ● | 0.32 | 1.32 | 37.93 | 38.00 | 3.00 | 130.00 | 1.80 | 0.07 | 4.13 |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

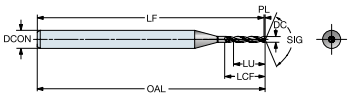
Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** |
| 462.1-0033-001A0-XM | ● | ● | ● | ● | ● | ● | 0.33 | 1.30 | 37.92 | 38.00 | 3.00 | 130.00 | 1.80 | 0.08 | 3.95 |
| 462.1-0034-001A0-XM | ● | ● | ● | ● | ● | ● | 0.34 | 1.29 | 37.92 | 38.00 | 3.00 | 130.00 | 1.80 | 0.08 | 3.79 |
| 462.1-0035-001A0-XM | ● | ● | ● | ● | ● | ● | 0.35 | 1.67 | 37.92 | 38.00 | 3.00 | 130.00 | 2.20 | 0.08 | 4.79 |
| 462.1-0036-001A0-XM | ● | ● | ● | ● | ● | ● | 0.36 | 1.66 | 37.92 | 38.00 | 3.00 | 130.00 | 2.20 | 0.08 | 4.61 |
| 462.1-0037-001A0-XM | ● | ● | ● | ● | ● | ● | 0.37 | 1.64 | 37.91 | 38.00 | 3.00 | 130.00 | 2.20 | 0.09 | 4.45 |
| 462.1-0038-001A0-XM | ● | ● | ● | ● | ● | ● | 0.38 | 1.63 | 37.91 | 38.00 | 3.00 | 130.00 | 2.20 | 0.09 | 4.29 |
| 462.1-0039-002A0-XM | ● | ● | ● | ● | ● | ● | 0.39 | 2.12 | 37.91 | 38.00 | 3.00 | 130.00 | 2.70 | 0.09 | 5.42 |
| 462.1-0040-002A0-XM | ● | ● | ● | ● | ● | ● | 0.40 | 2.10 | 37.91 | 38.00 | 3.00 | 130.00 | 2.70 | 0.09 | 5.25 |
| 462.1-0041-002A0-XM | ● | ● | ● | ● | ● | ● | 0.41 | 2.09 | 37.90 | 38.00 | 3.00 | 130.00 | 2.70 | 0.10 | 5.09 |
| 462.1-0042-002A0-XM | ● | ● | ● | ● | ● | ● | 0.42 | 2.07 | 37.90 | 38.00 | 3.00 | 130.00 | 2.70 | 0.10 | 4.93 |
| 462.1-0043-002A0-XM | ● | ● | ● | ● | ● | ● | 0.43 | 2.06 | 37.90 | 38.00 | 3.00 | 130.00 | 2.70 | 0.10 | 4.78 |
| 462.1-0044-002A0-XM | ● | ● | ● | ● | ● | ● | 0.44 | 2.04 | 37.90 | 38.00 | 3.00 | 130.00 | 2.70 | 0.10 | 4.64 |
| 462.1-0045-002A0-XM | ● | ● | ● | ● | ● | ● | 0.45 | 2.03 | 37.90 | 38.00 | 3.00 | 130.00 | 2.70 | 0.10 | 4.50 |
| 462.1-0046-002A0-XM | ● | ● | ● | ● | ● | ● | 0.46 | 2.01 | 37.89 | 38.00 | 3.00 | 130.00 | 2.70 | 0.11 | 4.37 |
| 462.1-0047-001A0-XM | ● | ● | ● | ● | ● | ● | 0.47 | 2.00 | 37.89 | 38.00 | 3.00 | 130.00 | 2.70 | 0.11 | 4.24 |
| 462.1-0048-001A0-XM | ● | ● | ● | ● | ● | ● | 0.48 | 1.98 | 37.89 | 38.00 | 3.00 | 130.00 | 2.70 | 0.11 | 4.13 |
| 462.1-0049-002A0-XM | ● | ● | ● | ● | ● | ● | 0.49 | 2.46 | 37.89 | 38.00 | 3.00 | 130.00 | 3.20 | 0.11 | 5.03 |
| 462.1-0050-002A0-XM | ● | ● | ● | ● | ● | ● | 0.50 | 2.45 | 37.88 | 38.00 | 3.00 | 130.00 | 3.20 | 0.12 | 4.90 |
| 462.1-0051-002A0-XM | ● | ● | ● | ● | ● | ● | 0.51 | 2.43 | 37.88 | 38.00 | 3.00 | 130.00 | 3.20 | 0.12 | 4.77 |
| 462.1-0052-002A0-XM | ● | ● | ● | ● | ● | ● | 0.52 | 2.42 | 37.88 | 38.00 | 3.00 | 130.00 | 3.20 | 0.12 | 4.65 |
| 462.1-0053-002A0-XM | ● | ● | ● | ● | ● | ● | 0.53 | 2.40 | 37.88 | 38.00 | 3.00 | 130.00 | 3.20 | 0.12 | 4.54 |
| 462.1-0054-002A0-XM | ● | ● | ● | ● | ● | ● | 0.54 | 2.79 | 37.87 | 38.00 | 3.00 | 130.00 | 3.60 | 0.13 | 5.17 |
| 462.1-0055-002A0-XM | ● | ● | ● | ● | ● | ● | 0.55 | 2.78 | 37.87 | 38.00 | 3.00 | 130.00 | 3.60 | 0.13 | 5.05 |
| 462.1-0056-002A0-XM | ● | ● | ● | ● | ● | ● | 0.56 | 2.76 | 37.87 | 38.00 | 3.00 | 130.00 | 3.60 | 0.13 | 4.93 |
| 462.1-0057-002A0-XM | ● | ● | ● | ● | ● | ● | 0.57 | 2.74 | 37.87 | 38.00 | 3.00 | 130.00 | 3.60 | 0.13 | 4.82 |
| 462.1-0058-002A0-XM | ● | ● | ● | ● | ● | ● | 0.58 | 2.73 | 37.86 | 38.00 | 3.00 | 130.00 | 3.60 | 0.14 | 4.71 |
| 462.1-0059-002A0-XM | ● | ● | ● | ● | ● | ● | 0.59 | 2.71 | 37.86 | 38.00 | 3.00 | 130.00 | 3.60 | 0.14 | 4.60 |
| 462.1-0060-002A0-XM | ● | ● | ● | ● | ● | ● | 0.60 | 2.70 | 37.86 | 38.00 | 3.00 | 130.00 | 3.60 | 0.14 | 4.50 |
| 462.1-0061-002A0-XM | ● | ● | ● | ● | ● | ● | 0.61 | 2.98 | 37.86 | 38.00 | 3.00 | 130.00 | 3.90 | 0.14 | 4.89 |
| 462.1-0062-002A0-XM | ● | ● | ● | ● | ● | ● | 0.62 | 2.97 | 37.86 | 38.00 | 3.00 | 130.00 | 3.90 | 0.14 | 4.79 |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

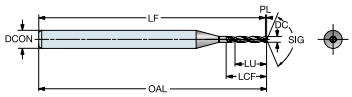
Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** |
| 462.1-0063-002A0-XM | ● | ● | ● | ● | ● | ● | 0.63 | 2.95 | 37.85 | 38.00 | 3.00 | 130.00 | 3.90 | 0.15 | 4.69 |
| 462.1-0064-002A0-XM | ● | ● | ● | ● | ● | ● | 0.64 | 2.94 | 37.85 | 38.00 | 3.00 | 130.00 | 3.90 | 0.15 | 4.59 |
| 462.1-0065-002A0-XM | ● | ● | ● | ● | ● | ● | 0.65 | 2.92 | 37.85 | 38.00 | 3.00 | 130.00 | 3.90 | 0.15 | 4.50 |
| 462.1-0066-002A0-XM | ● | ● | ● | ● | ● | ● | 0.66 | 2.91 | 37.85 | 38.00 | 3.00 | 130.00 | 3.90 | 0.15 | 4.41 |
| 462.1-0067-002A0-XM | ● | ● | ● | ● | ● | ● | 0.67 | 2.89 | 37.84 | 38.00 | 3.00 | 130.00 | 3.90 | 0.16 | 4.32 |
| 462.1-0068-003A0-XM | ● | ● | ● | ● | ● | ● | 0.68 | 3.48 | 37.84 | 38.00 | 3.00 | 130.00 | 4.50 | 0.16 | 5.12 |
| 462.1-0069-003A0-XM | ● | ● | ● | ● | ● | ● | 0.69 | 3.46 | 37.84 | 38.00 | 3.00 | 130.00 | 4.50 | 0.16 | 5.02 |
| 462.1-0070-003A0-XM | ● | ● | ● | ● | ● | ● | 0.70 | 3.45 | 37.84 | 38.00 | 3.00 | 130.00 | 4.50 | 0.16 | 4.93 |
| 462.1-0071-003A0-XM | ● | ● | ● | ● | ● | ● | 0.71 | 3.43 | 37.83 | 38.00 | 3.00 | 130.00 | 4.50 | 0.17 | 4.84 |
| 462.1-0072-003A0-XM | ● | ● | ● | ● | ● | ● | 0.72 | 3.42 | 37.83 | 38.00 | 3.00 | 130.00 | 4.50 | 0.17 | 4.75 |
| 462.1-0073-003A0-XM | ● | ● | ● | ● | ● | ● | 0.73 | 3.40 | 37.83 | 38.00 | 3.00 | 130.00 | 4.50 | 0.17 | 4.66 |
| 462.1-0074-003A0-XM | ● | ● | ● | ● | ● | ● | 0.74 | 3.39 | 37.83 | 38.00 | 3.00 | 130.00 | 4.50 | 0.17 | 4.58 |
| 462.1-0075-003A0-XM | ● | ● | ● | ● | ● | ● | 0.75 | 3.38 | 37.83 | 38.00 | 3.00 | 130.00 | 4.50 | 0.17 | 4.50 |
| 462.1-0076-003A0-XM | ● | ● | ● | ● | ● | ● | 0.76 | 3.86 | 37.82 | 38.00 | 3.00 | 130.00 | 5.00 | 0.18 | 5.08 |
| 462.1-0077-003A0-XM | ● | ● | ● | ● | ● | ● | 0.77 | 3.85 | 37.82 | 38.00 | 3.00 | 130.00 | 5.00 | 0.18 | 4.99 |
| 462.1-0078-003A0-XM | ● | ● | ● | ● | ● | ● | 0.78 | 3.83 | 37.82 | 38.00 | 3.00 | 130.00 | 5.00 | 0.18 | 4.91 |
| 462.1-0079-003A0-XM | ● | ● | ● | ● | ● | ● | 0.79 | 3.82 | 37.82 | 38.00 | 3.00 | 130.00 | 5.00 | 0.18 | 4.83 |
| 462.1-0080-003A0-XM | ● | ● | ● | ● | ● | ● | 0.80 | 3.80 | 37.81 | 38.00 | 3.00 | 130.00 | 5.00 | 0.19 | 4.75 |
| 462.1-0081-003A0-XM | ● | ● | ● | ● | ● | ● | 0.81 | 3.79 | 37.81 | 38.00 | 3.00 | 130.00 | 5.00 | 0.19 | 4.67 |
| 462.1-0082-003A0-XM | ● | ● | ● | ● | ● | ● | 0.82 | 3.77 | 37.81 | 38.00 | 3.00 | 130.00 | 5.00 | 0.19 | 4.60 |
| 462.1-0083-003A0-XM | ● | ● | ● | ● | ● | ● | 0.83 | 3.76 | 37.81 | 38.00 | 3.00 | 130.00 | 5.00 | 0.19 | 4.52 |
| 462.1-0084-003A0-XM | ● | ● | ● | ● | ● | ● | 0.84 | 3.74 | 37.80 | 38.00 | 3.00 | 130.00 | 5.00 | 0.20 | 4.45 |
| 462.1-0085-003A0-XM | ● | ● | ● | ● | ● | ● | 0.85 | 3.72 | 37.80 | 38.00 | 3.00 | 130.00 | 5.00 | 0.20 | 4.38 |
| 462.1-0086-004A0-XM | ● | ● | ● | ● | ● | ● | 0.86 | 4.41 | 37.80 | 38.00 | 3.00 | 130.00 | 5.70 | 0.20 | 5.13 |
| 462.1-0087-004A0-XM | ● | ● | ● | ● | ● | ● | 0.87 | 4.39 | 37.80 | 38.00 | 3.00 | 130.00 | 5.70 | 0.20 | 5.05 |
| 462.1-0088-004A0-XM | ● | ● | ● | ● | ● | ● | 0.88 | 4.38 | 37.79 | 38.00 | 3.00 | 130.00 | 5.70 | 0.21 | 4.98 |
| 462.1-0089-004A0-XM | ● | ● | ● | ● | ● | ● | 0.89 | 4.36 | 37.79 | 38.00 | 3.00 | 130.00 | 5.70 | 0.21 | 4.90 |
| 462.1-0090-004A0-XM | ● | ● | ● | ● | ● | ● | 0.90 | 4.35 | 37.79 | 38.00 | 3.00 | 130.00 | 5.70 | 0.21 | 4.83 |
| 462.1-0091-004A0-XM | ● | ● | ● | ● | ● | ● | 0.91 | 4.34 | 37.79 | 38.00 | 3.00 | 130.00 | 5.70 | 0.21 | 4.76 |
| 462.1-0092-004A0-XM | ● | ● | ● | ● | ● | ● | 0.92 | 4.32 | 37.79 | 38.00 | 3.00 | 130.00 | 5.70 | 0.21 | 4.70 |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

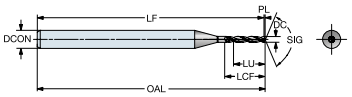
Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** |
| 462.1-0093-004A0-XM | ● | ● | ● | ● | ● | ● | 0.93 | 4.30 | 37.78 | 38.00 | 3.00 | 130.00 | 5.70 | 0.22 | 4.63 |
| 462.1-0094-004A0-XM | ● | ● | ● | ● | ● | ● | 0.94 | 4.29 | 37.78 | 38.00 | 3.00 | 130.00 | 5.70 | 0.22 | 4.56 |
| 462.1-0095-004A0-XM | ● | ● | ● | ● | ● | ● | 0.95 | 4.28 | 37.78 | 38.00 | 3.00 | 130.00 | 5.70 | 0.22 | 4.50 |
| 462.1-0096-005A0-XM | ● | ● | ● | ● | ● | ● | 0.96 | 5.06 | 37.78 | 38.00 | 3.00 | 130.00 | 6.50 | 0.22 | 5.27 |
| 462.1-0097-005A0-XM | ● | ● | ● | ● | ● | ● | 0.97 | 5.05 | 37.77 | 38.00 | 3.00 | 130.00 | 6.50 | 0.23 | 5.20 |
| 462.1-0098-005A0-XM | ● | ● | ● | ● | ● | ● | 0.98 | 5.03 | 37.77 | 38.00 | 3.00 | 130.00 | 6.50 | 0.23 | 5.13 |
| 462.1-0099-005A0-XM | ● | ● | ● | ● | ● | ● | 0.99 | 5.01 | 37.77 | 38.00 | 3.00 | 130.00 | 6.50 | 0.23 | 5.07 |
| 462.1-0100-005A0-XM | ● | ● | ● | ● | ● | ● | 1.00 | 5.00 | 37.77 | 38.00 | 3.00 | 130.00 | 6.50 | 0.23 | 5.00 |
| 462.1-0101-004A0-XM | ● | ● | ● | ● | ● | ● | 1.01 | 4.99 | 37.76 | 38.00 | 3.00 | 130.00 | 6.50 | 0.24 | 4.94 |
| 462.1-0102-004A0-XM | ● | ● | ● | ● | ● | ● | 1.02 | 4.97 | 37.76 | 38.00 | 3.00 | 130.00 | 6.50 | 0.24 | 4.87 |
| 462.1-0103-004A0-XM | ● | ● | ● | ● | ● | ● | 1.03 | 4.95 | 37.76 | 38.00 | 3.00 | 130.00 | 6.50 | 0.24 | 4.81 |
| 462.1-0104-004A0-XM | ● | ● | ● | ● | ● | ● | 1.04 | 4.94 | 37.76 | 38.00 | 3.00 | 130.00 | 6.50 | 0.24 | 4.75 |
| 462.1-0105-004A0-XM | ● | ● | ● | ● | ● | ● | 1.05 | 4.93 | 37.76 | 38.00 | 3.00 | 130.00 | 6.50 | 0.24 | 4.69 |
| 462.1-0106-005A0-XM | ● | ● | ● | ● | ● | ● | 1.06 | 5.71 | 37.75 | 38.00 | 3.00 | 130.00 | 7.30 | 0.25 | 5.39 |
| 462.1-0107-005A0-XM | ● | ● | ● | ● | ● | ● | 1.07 | 5.70 | 37.75 | 38.00 | 3.00 | 130.00 | 7.30 | 0.25 | 5.32 |
| 462.1-0108-005A0-XM | ● | ● | ● | ● | ● | ● | 1.08 | 5.68 | 37.75 | 38.00 | 3.00 | 130.00 | 7.30 | 0.25 | 5.26 |
| 462.1-0109-005A0-XM | ● | ● | ● | ● | ● | ● | 1.09 | 5.66 | 37.75 | 38.00 | 3.00 | 130.00 | 7.30 | 0.25 | 5.20 |
| 462.1-0110-005A0-XM | ● | ● | ● | ● | ● | ● | 1.10 | 5.65 | 37.74 | 38.00 | 3.00 | 130.00 | 7.30 | 0.26 | 5.14 |
| 462.1-0111-005A0-XM | ● | ● | ● | ● | ● | ● | 1.11 | 5.64 | 37.74 | 38.00 | 3.00 | 130.00 | 7.30 | 0.26 | 5.08 |
| 462.1-0112-005A0-XM | ● | ● | ● | ● | ● | ● | 1.12 | 5.62 | 37.74 | 38.00 | 3.00 | 130.00 | 7.30 | 0.26 | 5.02 |
| 462.1-0113-005A0-XM | ● | ● | ● | ● | ● | ● | 1.13 | 5.61 | 37.74 | 38.00 | 3.00 | 130.00 | 7.30 | 0.26 | 4.96 |
| 462.1-0114-005A0-XM | ● | ● | ● | ● | ● | ● | 1.14 | 5.59 | 37.73 | 38.00 | 3.00 | 130.00 | 7.30 | 0.27 | 4.90 |
| 462.1-0115-005A0-XM | ● | ● | ● | ● | ● | ● | 1.15 | 5.57 | 37.73 | 38.00 | 3.00 | 130.00 | 7.30 | 0.27 | 4.85 |
| 462.1-0116-006A0-XM | ● | ● | ● | ● | ● | ● | 1.16 | 6.46 | 37.73 | 38.00 | 3.00 | 130.00 | 8.20 | 0.27 | 5.57 |
| 462.1-0117-006A0-XM | ● | ● | ● | ● | ● | ● | 1.17 | 6.45 | 37.73 | 38.00 | 3.00 | 130.00 | 8.20 | 0.27 | 5.51 |
| 462.1-0118-006A0-XM | ● | ● | ● | ● | ● | ● | 1.18 | 6.43 | 37.72 | 38.00 | 3.00 | 130.00 | 8.20 | 0.28 | 5.45 |
| 462.1-0119-006A0-XM | ● | ● | ● | ● | ● | ● | 1.19 | 6.41 | 37.72 | 38.00 | 3.00 | 130.00 | 8.20 | 0.28 | 5.39 |
| 462.1-0120-006A0-XM | ● | ● | ● | ● | ● | ● | 1.20 | 6.40 | 37.72 | 38.00 | 3.00 | 130.00 | 8.20 | 0.28 | 5.33 |
| 462.1-0121-006A0-XM | ● | ● | ● | ● | ● | ● | 1.21 | 6.39 | 37.72 | 38.00 | 3.00 | 130.00 | 8.20 | 0.28 | 5.28 |
| 462.1-0122-006A0-XM | ● | ● | ● | ● | ● | ● | 1.22 | 6.37 | 37.72 | 38.00 | 3.00 | 130.00 | 8.20 | 0.28 | 5.22 |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** |
| 462.1-0123-006A0-XM | ● | ● | ● | ● | ● | ● | 1.23 | 6.36 | 37.71 | 38.00 | 3.00 | 130.00 | 8.20 | 0.29 | 5.17 |
| 462.1-0124-006A0-XM | ● | ● | ● | ● | ● | ● | 1.24 | 6.34 | 37.71 | 38.00 | 3.00 | 130.00 | 8.20 | 0.29 | 5.11 |
| 462.1-0125-006A0-XM | ● | ● | ● | ● | ● | ● | 1.25 | 6.32 | 37.71 | 38.00 | 3.00 | 130.00 | 8.20 | 0.29 | 5.06 |
| 462.1-0126-006A0-XM | ● | ● | ● | ● | ● | ● | 1.26 | 6.31 | 37.71 | 38.00 | 3.00 | 130.00 | 8.20 | 0.29 | 5.01 |
| 462.1-0127-006A0-XM | ● | ● | ● | ● | ● | ● | 1.27 | 6.30 | 37.70 | 38.00 | 3.00 | 130.00 | 8.20 | 0.30 | 4.96 |
| 462.1-0128-006A0-XM | ● | ● | ● | ● | ● | ● | 1.28 | 6.28 | 37.70 | 38.00 | 3.00 | 130.00 | 8.20 | 0.30 | 4.91 |
| 462.1-0129-006A0-XM | ● | ● | ● | ● | ● | ● | 1.29 | 6.26 | 37.70 | 38.00 | 3.00 | 130.00 | 8.20 | 0.30 | 4.86 |
| 462.1-0130-006A0-XM | ● | ● | ● | ● | ● | ● | 1.30 | 6.25 | 37.70 | 38.00 | 3.00 | 130.00 | 8.20 | 0.30 | 4.81 |
| 462.1-0131-007A0-XM | ● | ● | ● | ● | ● | ● | 1.31 | 7.24 | 37.69 | 38.00 | 3.00 | 130.00 | 9.20 | 0.31 | 5.52 |
| 462.1-0132-007A0-XM | ● | ● | ● | ● | ● | ● | 1.32 | 7.22 | 37.69 | 38.00 | 3.00 | 130.00 | 9.20 | 0.31 | 5.47 |
| 462.1-0133-007A0-XM | ● | ● | ● | ● | ● | ● | 1.33 | 7.20 | 37.69 | 38.00 | 3.00 | 130.00 | 9.20 | 0.31 | 5.42 |
| 462.1-0134-007A0-XM | ● | ● | ● | ● | ● | ● | 1.34 | 7.19 | 37.69 | 38.00 | 3.00 | 130.00 | 9.20 | 0.31 | 5.37 |
| 462.1-0135-007A0-XM | ● | ● | ● | ● | ● | ● | 1.35 | 7.18 | 37.69 | 38.00 | 3.00 | 130.00 | 9.20 | 0.31 | 5.31 |
| 462.1-0136-007A0-XM | ● | ● | ● | ● | ● | ● | 1.36 | 7.16 | 37.68 | 38.00 | 3.00 | 130.00 | 9.20 | 0.32 | 5.26 |
| 462.1-0137-007A0-XM | ● | ● | ● | ● | ● | ● | 1.37 | 7.14 | 37.68 | 38.00 | 3.00 | 130.00 | 9.20 | 0.32 | 5.22 |
| 462.1-0138-007A0-XM | ● | ● | ● | ● | ● | ● | 1.38 | 7.13 | 37.68 | 38.00 | 3.00 | 130.00 | 9.20 | 0.32 | 5.17 |
| 462.1-0139-007A0-XM | ● | ● | ● | ● | ● | ● | 1.39 | 7.11 | 37.68 | 38.00 | 3.00 | 130.00 | 9.20 | 0.32 | 5.12 |
| 462.1-0140-007A0-XM | ● | ● | ● | ● | ● | ● | 1.40 | 7.10 | 37.67 | 38.00 | 3.00 | 130.00 | 9.20 | 0.33 | 5.07 |
| 462.1-0141-007A0-XM | ● | ● | ● | ● | ● | ● | 1.41 | 7.09 | 37.67 | 38.00 | 3.00 | 130.00 | 9.20 | 0.33 | 5.02 |
| 462.1-0142-007A0-XM | ● | ● | ● | ● | ● | ● | 1.42 | 7.07 | 37.67 | 38.00 | 3.00 | 130.00 | 9.20 | 0.33 | 4.98 |
| 462.1-0143-007A0-XM | ● | ● | ● | ● | ● | ● | 1.43 | 7.05 | 37.67 | 38.00 | 3.00 | 130.00 | 9.20 | 0.33 | 4.93 |
| 462.1-0144-007A0-XM | ● | ● | ● | ● | ● | ● | 1.44 | 7.04 | 37.66 | 38.00 | 3.00 | 130.00 | 9.20 | 0.34 | 4.89 |
| 462.1-0145-007A0-XM | ● | ● | ● | ● | ● | ● | 1.45 | 7.03 | 37.66 | 38.00 | 3.00 | 130.00 | 9.20 | 0.34 | 4.84 |
| 462.1-0146-007A0-XM | ● | ● | ● | ● | ● | ● | 1.46 | 7.01 | 37.66 | 38.00 | 3.00 | 130.00 | 9.20 | 0.34 | 4.80 |
| 462.1-0147-006A0-XM | ● | ● | ● | ● | ● | ● | 1.47 | 6.99 | 37.66 | 38.00 | 3.00 | 130.00 | 9.20 | 0.34 | 4.76 |
| 462.1-0148-006A0-XM | ● | ● | ● | ● | ● | ● | 1.48 | 6.98 | 37.65 | 38.00 | 3.00 | 130.00 | 9.20 | 0.35 | 4.72 |
| 462.1-0149-006A0-XM | ● | ● | ● | ● | ● | ● | 1.49 | 6.97 | 37.65 | 38.00 | 3.00 | 130.00 | 9.20 | 0.35 | 4.67 |
| 462.1-0150-006A0-XM | ● | ● | ● | ● | ● | ● | 1.50 | 6.95 | 37.65 | 38.00 | 3.00 | 130.00 | 9.20 | 0.35 | 4.63 |
| 462.1-0151-008A0-XM | ● | ● | ● | ● | ● | ● | 1.51 | 8.94 | 37.65 | 38.00 | 3.00 | 130.00 | 11.20 | 0.35 | 5.92 |
| 462.1-0152-008A0-XM | ● | ● | ● | ● | ● | ● | 1.52 | 8.92 | 37.65 | 38.00 | 3.00 | 130.00 | 11.20 | 0.35 | 5.87 |

● = First choice ○ = Good choice

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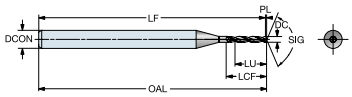
External coolant supply




Common data values

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Metric (mm)

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| 462.1-0153-008A0-XM | ● | ● | ● | ● | ● | ● | 1.53 | 8.90 | 37.64 | 38.00 | 3.00 | 130.00 | 11.20 | 0.36 | 5.82 |
| 462.1-0154-008A0-XM | ● | ● | ● | ● | ● | ● | 1.54 | 8.89 | 37.64 | 38.00 | 3.00 | 130.00 | 11.20 | 0.36 | 5.77 |
| 462.1-0155-008A0-XM | ● | ● | ● | ● | ● | ● | 1.55 | 8.88 | 37.64 | 38.00 | 3.00 | 130.00 | 11.20 | 0.36 | 5.73 |
| 462.1-0156-008A0-XM | ● | ● | ● | ● | ● | ● | 1.56 | 8.86 | 37.64 | 38.00 | 3.00 | 130.00 | 11.20 | 0.36 | 5.68 |
| 462.1-0157-008A0-XM | ● | ● | ● | ● | ● | ● | 1.57 | 8.85 | 37.63 | 38.00 | 3.00 | 130.00 | 11.20 | 0.37 | 5.63 |
| 462.1-0158-008A0-XM | ● | ● | ● | ● | ● | ● | 1.58 | 8.83 | 37.63 | 38.00 | 3.00 | 130.00 | 11.20 | 0.37 | 5.59 |
| 462.1-0159-008A0-XM | ● | ● | ● | ● | ● | ● | 1.59 | 8.81 | 37.63 | 38.00 | 3.00 | 130.00 | 11.20 | 0.37 | 5.54 |
| 462.1-0160-008A0-XM | ● | ● | ● | ● | ● | ● | 1.60 | 8.80 | 37.63 | 38.00 | 3.00 | 130.00 | 11.20 | 0.37 | 5.50 |
| 462.1-0161-008A0-XM | ● | ● | ● | ● | ● | ● | 1.61 | 8.78 | 37.62 | 38.00 | 3.00 | 130.00 | 11.20 | 0.38 | 5.46 |
| 462.1-0162-008A0-XM | ● | ● | ● | ● | ● | ● | 1.62 | 8.77 | 37.62 | 38.00 | 3.00 | 130.00 | 11.20 | 0.38 | 5.41 |
| 462.1-0163-008A0-XM | ● | ● | ● | ● | ● | ● | 1.63 | 8.76 | 37.62 | 38.00 | 3.00 | 130.00 | 11.20 | 0.38 | 5.37 |
| 462.1-0164-008A0-XM | ● | ● | ● | ● | ● | ● | 1.64 | 8.74 | 37.62 | 38.00 | 3.00 | 130.00 | 11.20 | 0.38 | 5.33 |
| 462.1-0165-008A0-XM | ● | ● | ● | ● | ● | ● | 1.65 | 8.73 | 37.62 | 38.00 | 3.00 | 130.00 | 11.20 | 0.38 | 5.29 |
| 462.1-0166-008A0-XM | ● | ● | ● | ● | ● | ● | 1.66 | 8.71 | 37.61 | 38.00 | 3.00 | 130.00 | 11.20 | 0.39 | 5.25 |
| 462.1-0167-008A0-XM | ● | ● | ● | ● | ● | ● | 1.67 | 8.69 | 37.61 | 38.00 | 3.00 | 130.00 | 11.20 | 0.39 | 5.21 |
| 462.1-0168-008A0-XM | ● | ● | ● | ● | ● | ● | 1.68 | 8.68 | 37.61 | 38.00 | 3.00 | 130.00 | 11.20 | 0.39 | 5.17 |
| 462.1-0169-008A0-XM | ● | ● | ● | ● | ● | ● | 1.69 | 8.66 | 37.61 | 38.00 | 3.00 | 130.00 | 11.20 | 0.39 | 5.13 |
| 462.1-0170-008A0-XM | ● | ● | ● | ● | ● | ● | 1.70 | 8.65 | 37.60 | 38.00 | 3.00 | 130.00 | 11.20 | 0.40 | 5.09 |
| 462.1-0171-008A0-XM | ● | ● | ● | ● | ● | ● | 1.71 | 8.64 | 37.60 | 38.00 | 3.00 | 130.00 | 11.20 | 0.40 | 5.05 |
| 462.1-0172-008A0-XM | ● | ● | ● | ● | ● | ● | 1.72 | 8.62 | 37.60 | 38.00 | 3.00 | 130.00 | 11.20 | 0.40 | 5.01 |
| 462.1-0173-008A0-XM | ● | ● | ● | ● | ● | ● | 1.73 | 8.60 | 37.60 | 38.00 | 3.00 | 130.00 | 11.20 | 0.40 | 4.97 |
| 462.1-0174-008A0-XM | ● | ● | ● | ● | ● | ● | 1.74 | 8.59 | 37.59 | 38.00 | 3.00 | 130.00 | 11.20 | 0.41 | 4.94 |
| 462.1-0175-008A0-XM | ● | ● | ● | ● | ● | ● | 1.75 | 8.57 | 37.59 | 38.00 | 3.00 | 130.00 | 11.20 | 0.41 | 4.90 |
| 462.1-0176-008A0-XM | ● | ● | ● | ● | ● | ● | 1.76 | 8.56 | 37.59 | 38.00 | 3.00 | 130.00 | 11.20 | 0.41 | 4.86 |
| 462.1-0177-008A0-XM | ● | ● | ● | ● | ● | ● | 1.77 | 8.55 | 37.59 | 38.00 | 3.00 | 130.00 | 11.20 | 0.41 | 4.83 |
| 462.1-0178-008A0-XM | ● | ● | ● | ● | ● | ● | 1.78 | 8.53 | 37.58 | 38.00 | 3.00 | 130.00 | 11.20 | 0.42 | 4.79 |
| 462.1-0179-008A0-XM | ● | ● | ● | ● | ● | ● | 1.79 | 8.52 | 37.58 | 38.00 | 3.00 | 130.00 | 11.20 | 0.42 | 4.76 |
| 462.1-0180-008A0-XM | ● | ● | ● | ● | ● | ● | 1.80 | 8.50 | 37.58 | 38.00 | 3.00 | 130.00 | 11.20 | 0.42 | 4.72 |
| 462.1-0181-008A0-XM | ● | ● | ● | ● | ● | ● | 1.81 | 8.48 | 37.58 | 38.00 | 3.00 | 130.00 | 11.20 | 0.42 | 4.69 |
| 462.1-0182-008A0-XM | ● | ● | ● | ● | ● | ● | 1.82 | 8.47 | 37.58 | 38.00 | 3.00 | 130.00 | 11.20 | 0.42 | 4.65 |

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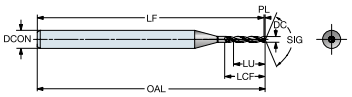
External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** |
| 462.1-0183-008A0-XM | ● | ● | ● | ● | ● | ● | 1.83 | 8.45 | 37.57 | 38.00 | 3.00 | 130.00 | 11.20 | 0.43 | 4.62 |
| 462.1-0184-008A0-XM | ● | ● | ● | ● | ● | ● | 1.84 | 8.44 | 37.57 | 38.00 | 3.00 | 130.00 | 11.20 | 0.43 | 4.59 |
| 462.1-0185-008A0-XM | ● | ● | ● | ● | ● | ● | 1.85 | 8.43 | 37.57 | 38.00 | 3.00 | 130.00 | 11.20 | 0.43 | 4.55 |
| 462.1-0186-008A0-XM | ● | ● | ● | ● | ● | ● | 1.86 | 8.41 | 37.57 | 38.00 | 3.00 | 130.00 | 11.20 | 0.43 | 4.52 |
| 462.1-0187-008A0-XM | ● | ● | ● | ● | ● | ● | 1.87 | 8.40 | 37.56 | 38.00 | 3.00 | 130.00 | 11.20 | 0.44 | 4.49 |
| 462.1-0188-008A0-XM | ● | ● | ● | ● | ● | ● | 1.88 | 8.38 | 37.56 | 38.00 | 3.00 | 130.00 | 11.20 | 0.44 | 4.46 |
| 462.1-0189-008A0-XM | ● | ● | ● | ● | ● | ● | 1.89 | 8.36 | 37.56 | 38.00 | 3.00 | 130.00 | 11.20 | 0.44 | 4.43 |
| 462.1-0190-008A0-XM | ● | ● | ● | ● | ● | ● | 1.90 | 8.35 | 37.56 | 38.00 | 3.00 | 130.00 | 11.20 | 0.44 | 4.39 |
| 462.1-0191-008A0-XM | ● | ● | ● | ● | ● | ● | 1.91 | 8.34 | 37.55 | 38.00 | 3.00 | 130.00 | 11.20 | 0.45 | 4.36 |
| 462.1-0192-008A0-XM | ● | ● | ● | ● | ● | ● | 1.92 | 8.32 | 37.55 | 38.00 | 3.00 | 130.00 | 11.20 | 0.45 | 4.33 |
| 462.1-0193-008A0-XM | ● | ● | ● | ● | ● | ● | 1.93 | 8.31 | 37.55 | 38.00 | 3.00 | 130.00 | 11.20 | 0.45 | 4.30 |
| 462.1-0194-008A0-XM | ● | ● | ● | ● | ● | ● | 1.94 | 8.29 | 37.55 | 38.00 | 3.00 | 130.00 | 11.20 | 0.45 | 4.27 |
| 462.1-0195-008A0-XM | ● | ● | ● | ● | ● | ● | 1.95 | 8.27 | 37.55 | 38.00 | 3.00 | 130.00 | 11.20 | 0.45 | 4.24 |
| 462.1-0196-008A0-XM | ● | ● | ● | ● | ● | ● | 1.96 | 8.26 | 37.54 | 38.00 | 3.00 | 130.00 | 11.20 | 0.46 | 4.21 |
| 462.1-0197-008A0-XM | ● | ● | ● | ● | ● | ● | 1.97 | 8.24 | 37.54 | 38.00 | 3.00 | 130.00 | 11.20 | 0.46 | 4.19 |
| 462.1-0198-008A0-XM | ● | ● | ● | ● | ● | ● | 1.98 | 8.23 | 37.54 | 38.00 | 3.00 | 130.00 | 11.20 | 0.46 | 4.16 |
| 462.1-0199-008A0-XM | ● | ● | ● | ● | ● | ● | 1.99 | 8.22 | 37.54 | 38.00 | 3.00 | 130.00 | 11.20 | 0.46 | 4.13 |
| 462.1-0200-008A0-XM | ● | ● | ● | ● | ● | ● | 2.00 | 8.20 | 37.53 | 38.00 | 3.00 | 130.00 | 11.20 | 0.47 | 4.10 |
| 462.1-0201-009A0-XM | ● | ● | ● | ● | ● | ● | 2.01 | 9.48 | 37.53 | 38.00 | 3.00 | 130.00 | 12.50 | 0.47 | 4.72 |
| 462.1-0202-009A0-XM | ● | ● | ● | ● | ● | ● | 2.02 | 9.47 | 37.53 | 38.00 | 3.00 | 130.00 | 12.50 | 0.47 | 4.69 |
| 462.1-0203-009A0-XM | ● | ● | ● | ● | ● | ● | 2.03 | 9.45 | 37.53 | 38.00 | 3.00 | 130.00 | 12.50 | 0.47 | 4.66 |
| 462.1-0204-009A0-XM | ● | ● | ● | ● | ● | ● | 2.04 | 9.44 | 37.52 | 38.00 | 3.00 | 130.00 | 12.50 | 0.48 | 4.63 |
| 462.1-0205-009A0-XM | ● | ● | ● | ● | ● | ● | 2.05 | 9.43 | 37.52 | 38.00 | 3.00 | 130.00 | 12.50 | 0.48 | 4.60 |
| 462.1-0206-009A0-XM | ● | ● | ● | ● | ● | ● | 2.06 | 9.41 | 37.52 | 38.00 | 3.00 | 130.00 | 12.50 | 0.48 | 4.57 |
| 462.1-0207-009A0-XM | ● | ● | ● | ● | ● | ● | 2.07 | 9.40 | 37.52 | 38.00 | 3.00 | 130.00 | 12.50 | 0.48 | 4.54 |
| 462.1-0208-009A0-XM | ● | ● | ● | ● | ● | ● | 2.08 | 9.38 | 37.52 | 38.00 | 3.00 | 130.00 | 12.50 | 0.48 | 4.51 |
| 462.1-0209-009A0-XM | ● | ● | ● | ● | ● | ● | 2.09 | 9.36 | 37.51 | 38.00 | 3.00 | 130.00 | 12.50 | 0.49 | 4.48 |
| 462.1-0210-009A0-XM | ● | ● | ● | ● | ● | ● | 2.10 | 9.35 | 37.51 | 38.00 | 3.00 | 130.00 | 12.50 | 0.49 | 4.45 |
| 462.1-0211-009A0-XM | ● | ● | ● | ● | ● | ● | 2.11 | 9.34 | 37.51 | 38.00 | 3.00 | 130.00 | 12.50 | 0.49 | 4.42 |
| 462.1-0212-009A0-XM | ● | ● | ● | ● | ● | ● | 2.12 | 9.32 | 37.51 | 38.00 | 3.00 | 130.00 | 12.50 | 0.49 | 4.40 |

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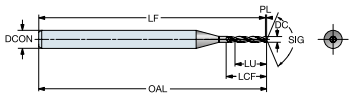


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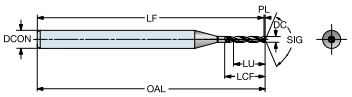
| | P | S | K | M | N | O | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** |
| 462.1-0213-009A0-XM | ● | ● | ● | ● | ● | ● | 2.13 | 9.31 | 37.50 | 38.00 | 3.00 | 130.00 | 12.50 | 0.50 | 4.37 |
| 462.1-0214-009A0-XM | ● | ● | ● | ● | ● | ● | 2.14 | 9.29 | 37.50 | 38.00 | 3.00 | 130.00 | 12.50 | 0.50 | 4.34 |
| 462.1-0215-009A0-XM | ● | ● | ● | ● | ● | ● | 2.15 | 9.27 | 37.50 | 38.00 | 3.00 | 130.00 | 12.50 | 0.50 | 4.31 |
| 462.1-0216-009A0-XM | ● | ● | ● | ● | ● | ● | 2.16 | 9.26 | 37.50 | 38.00 | 3.00 | 130.00 | 12.50 | 0.50 | 4.29 |
| 462.1-0217-009A0-XM | ● | ● | ● | ● | ● | ● | 2.17 | 9.24 | 37.49 | 38.00 | 3.00 | 130.00 | 12.50 | 0.51 | 4.26 |
| 462.1-0218-009A0-XM | ● | ● | ● | ● | ● | ● | 2.18 | 9.23 | 37.49 | 38.00 | 3.00 | 130.00 | 12.50 | 0.51 | 4.23 |
| 462.1-0219-009A0-XM | ● | ● | ● | ● | ● | ● | 2.19 | 9.22 | 37.49 | 38.00 | 3.00 | 130.00 | 12.50 | 0.51 | 4.21 |
| 462.1-0220-009A0-XM | ● | ● | ● | ● | ● | ● | 2.20 | 9.20 | 37.49 | 38.00 | 3.00 | 130.00 | 12.50 | 0.51 | 4.18 |
| 462.1-0221-009A0-XM | ● | ● | ● | ● | ● | ● | 2.21 | 9.19 | 37.48 | 38.00 | 3.00 | 130.00 | 12.50 | 0.52 | 4.16 |
| 462.1-0222-009A0-XM | ● | ● | ● | ● | ● | ● | 2.22 | 9.17 | 37.48 | 38.00 | 3.00 | 130.00 | 12.50 | 0.52 | 4.13 |
| 462.1-0223-009A0-XM | ● | ● | ● | ● | ● | ● | 2.23 | 9.15 | 37.48 | 38.00 | 3.00 | 130.00 | 12.50 | 0.52 | 4.11 |
| 462.1-0224-009A0-XM | ● | ● | ● | ● | ● | ● | 2.24 | 9.14 | 37.48 | 38.00 | 3.00 | 130.00 | 12.50 | 0.52 | 4.08 |
| 462.1-0225-009A0-XM | ● | ● | ● | ● | ● | ● | 2.25 | 9.13 | 37.48 | 38.00 | 3.00 | 130.00 | 12.50 | 0.52 | 4.06 |
| 462.1-0226-009A0-XM | ● | ● | ● | ● | ● | ● | 2.26 | 9.11 | 37.47 | 38.00 | 3.00 | 130.00 | 12.50 | 0.53 | 4.03 |
| 462.1-0227-009A0-XM | ● | ● | ● | ● | ● | ● | 2.27 | 9.10 | 37.47 | 38.00 | 3.00 | 130.00 | 12.50 | 0.53 | 4.01 |
| 462.1-0228-009A0-XM | ● | ● | ● | ● | ● | ● | 2.28 | 9.08 | 37.47 | 38.00 | 3.00 | 130.00 | 12.50 | 0.53 | 3.98 |
| 462.1-0229-009A0-XM | ● | ● | ● | ● | ● | ● | 2.29 | 9.06 | 37.47 | 38.00 | 3.00 | 130.00 | 12.50 | 0.53 | 3.96 |
| 462.1-0230-009A0-XM | ● | ● | ● | ● | ● | ● | 2.30 | 9.05 | 37.46 | 38.00 | 3.00 | 130.00 | 12.50 | 0.54 | 3.93 |
| 462.1-0231-009A0-XM | ● | ● | ● | ● | ● | ● | 2.31 | 9.03 | 37.46 | 38.00 | 3.00 | 130.00 | 12.50 | 0.54 | 3.91 |
| 462.1-0232-009A0-XM | ● | ● | ● | ● | ● | ● | 2.32 | 9.02 | 37.46 | 38.00 | 3.00 | 130.00 | 12.50 | 0.54 | 3.89 |
| 462.1-0233-009A0-XM | ● | ● | ● | ● | ● | ● | 2.33 | 9.01 | 37.46 | 38.00 | 3.00 | 130.00 | 12.50 | 0.54 | 3.86 |
| 462.1-0234-008A0-XM | ● | ● | ● | ● | ● | ● | 2.34 | 8.99 | 37.45 | 38.00 | 3.00 | 130.00 | 12.50 | 0.55 | 3.84 |
| 462.1-0235-008A0-XM | ● | ● | ● | ● | ● | ● | 2.35 | 8.98 | 37.45 | 38.00 | 3.00 | 130.00 | 12.50 | 0.55 | 3.82 |
| 462.1-0236-008A0-XM | ● | ● | ● | ● | ● | ● | 2.36 | 8.96 | 37.45 | 38.00 | 3.00 | 130.00 | 12.50 | 0.55 | 3.80 |
| 462.1-0237-008A0-XM | ● | ● | ● | ● | ● | ● | 2.37 | 8.94 | 37.45 | 38.00 | 3.00 | 130.00 | 12.50 | 0.55 | 3.77 |
| 462.1-0238-008A0-XM | ● | ● | ● | ● | ● | ● | 2.38 | 8.93 | 37.45 | 38.00 | 3.00 | 130.00 | 12.50 | 0.55 | 3.75 |
| 462.1-0239-008A0-XM | ● | ● | ● | ● | ● | ● | 2.39 | 8.91 | 37.44 | 38.00 | 3.00 | 130.00 | 12.50 | 0.56 | 3.73 |
| 462.1-0240-008A0-XM | ● | ● | ● | ● | ● | ● | 2.40 | 8.90 | 37.44 | 38.00 | 3.00 | 130.00 | 12.50 | 0.56 | 3.71 |
| 462.1-0241-008A0-XM | ● | ● | ● | ● | ● | ● | 2.41 | 8.89 | 37.44 | 38.00 | 3.00 | 130.00 | 12.50 | 0.56 | 3.69 |
| 462.1-0242-008A0-XM | ● | ● | ● | ● | ● | ● | 2.42 | 8.87 | 37.44 | 38.00 | 3.00 | 130.00 | 12.50 | 0.56 | 3.67 |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

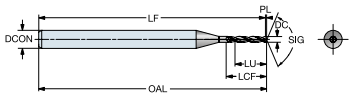
Metric (mm)

| | P | S | K | M | N | O | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** |
| 462.1-0243-008A0-XM | ● | ● | ● | ● | ● | ● | 2.43 | 8.85 | 37.43 | 38.00 | 3.00 | 130.00 | 12.50 | 0.57 | 3.64 |
| 462.1-0244-008A0-XM | ● | ● | ● | ● | ● | ● | 2.44 | 8.84 | 37.43 | 38.00 | 3.00 | 130.00 | 12.50 | 0.57 | 3.62 |
| 462.1-0245-008A0-XM | ● | ● | ● | ● | ● | ● | 2.45 | 8.82 | 37.43 | 38.00 | 3.00 | 130.00 | 12.50 | 0.57 | 3.60 |
| 462.1-0246-008A0-XM | ● | ● | ● | ● | ● | ● | 2.46 | 8.81 | 37.43 | 38.00 | 3.00 | 130.00 | 12.50 | 0.57 | 3.58 |
| 462.1-0247-008A0-XM | ● | ● | ● | ● | ● | ● | 2.47 | 8.80 | 37.42 | 38.00 | 3.00 | 130.00 | 12.50 | 0.58 | 3.56 |
| 462.1-0248-008A0-XM | ● | ● | ● | ● | ● | ● | 2.48 | 8.78 | 37.42 | 38.00 | 3.00 | 130.00 | 12.50 | 0.58 | 3.54 |
| 462.1-0249-008A0-XM | ● | ● | ● | ● | ● | ● | 2.49 | 8.77 | 37.42 | 38.00 | 3.00 | 130.00 | 12.50 | 0.58 | 3.52 |
| 462.1-0250-010A0-XM | ● | ● | ● | ● | ● | ● | 2.50 | 10.25 | 37.42 | 38.00 | 3.00 | 130.00 | 14.00 | 0.58 | 4.10 |
| 462.1-0251-010A0-XM | ● | ● | ● | ● | ● | ● | 2.51 | 10.23 | 37.41 | 38.00 | 3.00 | 130.00 | 14.00 | 0.59 | 4.08 |
| 462.1-0252-010A0-XM | ● | ● | ● | ● | ● | ● | 2.52 | 10.22 | 37.41 | 38.00 | 3.00 | 130.00 | 14.00 | 0.59 | 4.06 |
| 462.1-0253-010A0-XM | ● | ● | ● | ● | ● | ● | 2.53 | 10.20 | 37.41 | 38.00 | 3.00 | 130.00 | 14.00 | 0.59 | 4.03 |
| 462.1-0254-010A0-XM | ● | ● | ● | ● | ● | ● | 2.54 | 10.19 | 37.41 | 38.00 | 3.00 | 130.00 | 14.00 | 0.59 | 4.01 |
| 462.1-0255-010A0-XM | ● | ● | ● | ● | ● | ● | 2.55 | 10.18 | 37.41 | 38.00 | 3.00 | 130.00 | 14.00 | 0.59 | 3.99 |
| 462.1-0256-010A0-XM | ● | ● | ● | ● | ● | ● | 2.56 | 10.16 | 37.40 | 38.00 | 3.00 | 130.00 | 14.00 | 0.60 | 3.97 |
| 462.1-0257-010A0-XM | ● | ● | ● | ● | ● | ● | 2.57 | 10.15 | 37.40 | 38.00 | 3.00 | 130.00 | 14.00 | 0.60 | 3.95 |
| 462.1-0258-010A0-XM | ● | ● | ● | ● | ● | ● | 2.58 | 10.13 | 37.40 | 38.00 | 3.00 | 130.00 | 14.00 | 0.60 | 3.93 |
| 462.1-0259-010A0-XM | ● | ● | ● | ● | ● | ● | 2.59 | 10.11 | 37.40 | 38.00 | 3.00 | 130.00 | 14.00 | 0.60 | 3.91 |
| 462.1-0260-010A0-XM | ● | ● | ● | ● | ● | ● | 2.60 | 10.10 | 37.39 | 38.00 | 3.00 | 130.00 | 14.00 | 0.61 | 3.88 |
| 462.1-0261-010A0-XM | ● | ● | ● | ● | ● | ● | 2.61 | 10.09 | 37.39 | 38.00 | 3.00 | 130.00 | 14.00 | 0.61 | 3.86 |
| 462.1-0262-010A0-XM | ● | ● | ● | ● | ● | ● | 2.62 | 10.07 | 37.39 | 38.00 | 3.00 | 130.00 | 14.00 | 0.61 | 3.84 |
| 462.1-0263-010A0-XM | ● | ● | ● | ● | ● | ● | 2.63 | 10.06 | 37.39 | 38.00 | 3.00 | 130.00 | 14.00 | 0.61 | 3.82 |
| 462.1-0264-010A0-XM | ● | ● | ● | ● | ● | ● | 2.64 | 10.04 | 37.38 | 38.00 | 3.00 | 130.00 | 14.00 | 0.62 | 3.80 |
| 462.1-0265-010A0-XM | ● | ● | ● | ● | ● | ● | 2.65 | 10.02 | 37.38 | 38.00 | 3.00 | 130.00 | 14.00 | 0.62 | 3.78 |
| 462.1-0266-010A0-XM | ● | ● | ● | ● | ● | ● | 2.66 | 10.01 | 37.38 | 38.00 | 3.00 | 130.00 | 14.00 | 0.62 | 3.76 |
| 462.1-0267-009A0-XM | ● | ● | ● | ● | ● | ● | 2.67 | 9.99 | 37.38 | 38.00 | 3.00 | 130.00 | 14.00 | 0.62 | 3.74 |
| 462.1-0268-009A0-XM | ● | ● | ● | ● | ● | ● | 2.68 | 9.98 | 37.38 | 38.00 | 3.00 | 130.00 | 14.00 | 0.62 | 3.72 |
| 462.1-0269-009A0-XM | ● | ● | ● | ● | ● | ● | 2.69 | 9.97 | 37.37 | 38.00 | 3.00 | 130.00 | 14.00 | 0.63 | 3.70 |
| 462.1-0270-009A0-XM | ● | ● | ● | ● | ● | ● | 2.70 | 9.95 | 37.37 | 38.00 | 3.00 | 130.00 | 14.00 | 0.63 | 3.69 |
| 462.1-0271-009A0-XM | ● | ● | ● | ● | ● | ● | 2.71 | 9.94 | 37.37 | 38.00 | 3.00 | 130.00 | 14.00 | 0.63 | 3.67 |
| 462.1-0272-009A0-XM | ● | ● | ● | ● | ● | ● | 2.72 | 9.92 | 37.37 | 38.00 | 3.00 | 130.00 | 14.00 | 0.63 | 3.65 |

● = First choice ○ = Good choice

# CoroDrill® Dura 462, solid carbide micro drill for multi-materials

External coolant supply




Common data values

| TCDCON | TCHA |
|---|---|
| h6 | JS7 |

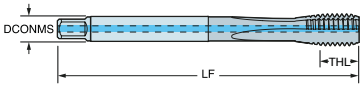
Metric (mm)

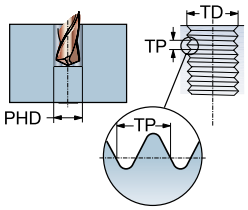
| | P | S | K | M | N | O | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Ordering code** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **X0BU** | **DC [mm]** | **LU [mm]** | **LF [mm]** | **OAL [mm]** | **$DCON_{MS}$ [mm]** | **SIG [deg]** | **LCF [mm]** | **PL [mm]** | **ULDR** |
| 462.1-0273-009A0-XM | ● | ● | ● | ● | ● | ● | 2.73 | 9.90 | 37.36 | 38.00 | 3.00 | 130.00 | 14.00 | 0.64 | 3.63 |
| 462.1-0274-009A0-XM | ● | ● | ● | ● | ● | ● | 2.74 | 9.89 | 37.36 | 38.00 | 3.00 | 130.00 | 14.00 | 0.64 | 3.61 |
| 462.1-0275-009A0-XM | ● | ● | ● | ● | ● | ● | 2.75 | 9.88 | 37.36 | 38.00 | 3.00 | 130.00 | 14.00 | 0.64 | 3.59 |
| 462.1-0276-009A0-XM | ● | ● | ● | ● | ● | ● | 2.76 | 9.86 | 37.36 | 38.00 | 3.00 | 130.00 | 14.00 | 0.64 | 3.57 |
| 462.1-0277-009A0-XM | ● | ● | ● | ● | ● | ● | 2.77 | 9.85 | 37.35 | 38.00 | 3.00 | 130.00 | 14.00 | 0.65 | 3.55 |
| 462.1-0278-009A0-XM | ● | ● | ● | ● | ● | ● | 2.78 | 9.83 | 37.35 | 38.00 | 3.00 | 130.00 | 14.00 | 0.65 | 3.54 |
| 462.1-0279-009A0-XM | ● | ● | ● | ● | ● | ● | 2.79 | 9.81 | 37.35 | 38.00 | 3.00 | 130.00 | 14.00 | 0.65 | 3.52 |
| 462.1-0280-009A0-XM | ● | ● | ● | ● | ● | ● | 2.80 | 9.80 | 37.35 | 38.00 | 3.00 | 130.00 | 14.00 | 0.65 | 3.50 |
| 462.1-0281-009A0-XM | ● | ● | ● | ● | ● | ● | 2.81 | 9.78 | 37.34 | 38.00 | 3.00 | 130.00 | 14.00 | 0.66 | 3.48 |
| 462.1-0282-009A0-XM | ● | ● | ● | ● | ● | ● | 2.82 | 9.77 | 37.34 | 38.00 | 3.00 | 130.00 | 14.00 | 0.66 | 3.46 |
| 462.1-0283-009A0-XM | ● | ● | ● | ● | ● | ● | 2.83 | 9.76 | 37.34 | 38.00 | 3.00 | 130.00 | 14.00 | 0.66 | 3.45 |
| 462.1-0284-009A0-XM | ● | ● | ● | ● | ● | ● | 2.84 | 9.74 | 37.34 | 38.00 | 3.00 | 130.00 | 14.00 | 0.66 | 3.43 |
| 462.1-0285-009A0-XM | ● | ● | ● | ● | ● | ● | 2.85 | 9.73 | 37.34 | 38.00 | 3.00 | 130.00 | 14.00 | 0.66 | 3.41 |
| 462.1-0286-009A0-XM | ● | ● | ● | ● | ● | ● | 2.86 | 9.71 | 37.33 | 38.00 | 3.00 | 130.00 | 14.00 | 0.67 | 3.40 |
| 462.1-0287-009A0-XM | ● | ● | ● | ● | ● | ● | 2.87 | 9.69 | 37.33 | 38.00 | 3.00 | 130.00 | 14.00 | 0.67 | 3.38 |
| 462.1-0288-009A0-XM | ● | ● | ● | ● | ● | ● | 2.88 | 9.68 | 37.33 | 38.00 | 3.00 | 130.00 | 14.00 | 0.67 | 3.36 |
| 462.1-0289-009A0-XM | ● | ● | ● | ● | ● | ● | 2.89 | 9.66 | 37.33 | 38.00 | 3.00 | 130.00 | 14.00 | 0.67 | 3.34 |
| 462.1-0290-009A0-XM | ● | ● | ● | ● | ● | ● | 2.90 | 9.65 | 37.32 | 38.00 | 3.00 | 130.00 | 14.00 | 0.68 | 3.33 |
| 462.1-0291-009A0-XM | ● | ● | ● | ● | ● | ● | 2.91 | 9.64 | 37.32 | 38.00 | 3.00 | 130.00 | 14.00 | 0.68 | 3.31 |
| 462.1-0292-009A0-XM | ● | ● | ● | ● | ● | ● | 2.92 | 9.62 | 37.32 | 38.00 | 3.00 | 130.00 | 14.00 | 0.68 | 3.29 |
| 462.1-0293-009A0-XM | ● | ● | ● | ● | ● | ● | 2.93 | 9.60 | 37.32 | 38.00 | 3.00 | 130.00 | 14.00 | 0.68 | 3.28 |
| 462.1-0294-009A0-XM | ● | ● | ● | ● | ● | ● | 2.94 | 9.59 | 37.31 | 38.00 | 3.00 | 130.00 | 14.00 | 0.69 | 3.26 |
| 462.1-0295-009A0-XM | ● | ● | ● | ● | ● | ● | 2.95 | 9.57 | 37.31 | 38.00 | 3.00 | 130.00 | 14.00 | 0.69 | 3.25 |
| 462.1-0296-009A0-XM | ● | ● | ● | ● | ● | ● | 2.96 | 9.56 | 37.31 | 38.00 | 3.00 | 130.00 | 14.00 | 0.69 | 3.23 |
| 462.1-0297-009A0-XM | ● | ● | ● | ● | ● | ● | 2.97 | 9.55 | 37.31 | 38.00 | 3.00 | 130.00 | 14.00 | 0.69 | 3.21 |
| 462.1-0298-009A0-XM | ● | ● | ● | ● | ● | ● | 2.98 | 9.53 | 37.31 | 38.00 | 3.00 | 130.00 | 14.00 | 0.69 | 3.20 |
| 462.1-0299-009A0-XM | ● | ● | ● | ● | ● | ● | 2.99 | 9.52 | 37.30 | 38.00 | 3.00 | 130.00 | 14.00 | 0.70 | 3.18 |

● = First choice ○ = Good choice

# CoroTap® 100, cutting tap with straight flutes

Thread form: Metric




Common data values

| SUBSTRATE | COATING |
|---|---|
| HSS-E-PM | PVD TiN |

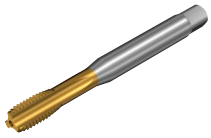
Metric (mm)

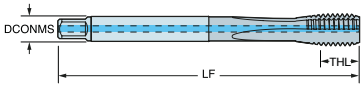
| | Ordering code | P1PL | TDZ | TP [mm] | TD [mm] | $DCON_{MS}$ [mm] | LU [mm] | TCTR | LF [mm] | THL [mm] | NOF | PHD [mm] | BSG | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | T100-PM104DA-M7 | ● | M 7 | 1.00 | 7.00 | 7.00 | 31.00 | 6HX | 80.00 | 15.00 | 3 | 6.00 | DIN371 | C = 2-3xTP |
| NEW | T100-PM106DA-M7 | ● | M 7 | 1.00 | 7.00 | 7.00 | 31.00 | 6HX | 80.00 | 15.00 | 3 | 6.00 | DIN371 | E = 1.5-2xTP |
| NEW | T100-PM104DA-M8 | ● | M 8 | 1.25 | 8.00 | 8.00 | 35.00 | 6HX | 90.00 | 18.00 | 3 | 6.80 | DIN371 | C = 2-3xTP |
| NEW | T100-PM104DA-M10 | ● | M 10 | 1.50 | 10.00 | 10.00 | 39.00 | 6HX | 100.00 | 20.00 | 3 | 8.50 | DIN371 | C = 2-3xTP |
| NEW | T100-PM106DA-M10 | ● | M 10 | 1.50 | 10.00 | 10.00 | 39.00 | 6HX | 100.00 | 20.00 | 3 | 8.50 | DIN371 | E = 1.5-2xTP |
| NEW | T100-PM105DA-M12 | ● | M 12 | 1.75 | 12.00 | 9.00 | 55.00 | 6HX | 110.00 | 23.00 | 3 | 10.30 | DIN376 | C = 2-3xTP |
| NEW | T100-PM107DA-M12 | ● | M 12 | 1.75 | 12.00 | 9.00 | 55.00 | 6HX | 110.00 | 23.00 | 3 | 10.30 | DIN376 | E = 1.5-2xTP |
| NEW | T100-PM105DA-M14 | ● | M 14 | 2.00 | 14.00 | 11.00 | 60.00 | 6HX | 110.00 | 25.00 | 3 | 12.00 | DIN376 | C = 2-3xTP |
| NEW | T100-PM107DA-M14 | ● | M 14 | 2.00 | 14.00 | 11.00 | 60.00 | 6HX | 110.00 | 25.00 | 3 | 12.00 | DIN376 | E = 1.5-2xTP |
| NEW | T100-PM105DA-M16 | ● | M 16 | 2.00 | 16.00 | 12.00 | 60.00 | 6HX | 110.00 | 25.00 | 3 | 14.50 | DIN376 | C = 2-3xTP |
| NEW | T100-PM107DA-M16 | ● | M 16 | 2.00 | 16.00 | 12.00 | 60.00 | 6HX | 110.00 | 25.00 | 3 | 14.50 | DIN376 | E = 1.5-2xTP |

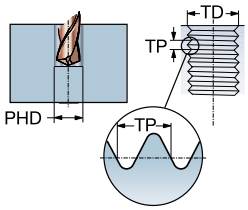
● = First choice ○ = Good choice

# CoroTap® 100, cutting tap with straight flutes

Thread form: Metric






Common data values

| SUBSTRATE | COATING |
|---|---|
| HSS-E-PM | PVD TiN |

Metric (mm)

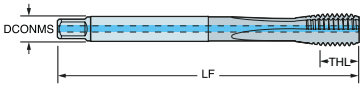
| | Ordering code | P1PL | TDZ | TP [mm] | TD [mm] | $DCON_{MS}$ [mm] | LU [mm] | TCTR | LF [mm] | THL [mm] | NOF | PHD [mm] | BSG | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | T100-PM175JA-M10 | ● | M 10 | 1.50 | 10.00 | 7.00 | 37.50 | 6HX | 150.00 | 20.00 | 3 | 8.50 | JIS-B-4430 | C = 2-3xTP |
| NEW | T100-PM175JA-M12 | ● | M 12 | 1.75 | 12.00 | 8.50 | 41.00 | 6HX | 150.00 | 23.00 | 3 | 10.30 | JIS-B-4430 | C = 2-3xTP |

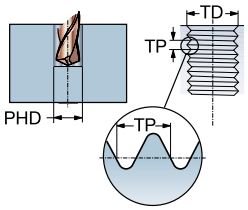
P

● = First choice ○ = Good choice

# CoroTap® 100, cutting tap with straight flutes

Thread form: Metric




Common data values

| SUBSTRATE | COATING |
|---|---|
| HSS-E-PM | PVD TiN |

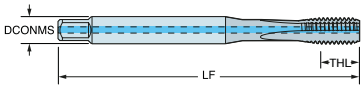
Metric (mm)

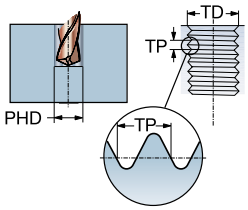
| | Ordering code | P1PL | TDZ | TP [mm] | TD [mm] | $DCON_{MS}$ [mm] | LU [mm] | TCTR | LF [mm] | THL [mm] | NOF | PHD [mm] | BSG | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | T100-PM104AA-M8 | ● | M 8 | 1.25 | 8.00 | 8.08 | 33.50 | 6HX | 90.00 | 18.00 | 3 | 6.80 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM104AA-M10 | ● | M 10 | 1.50 | 10.00 | 9.68 | 38.50 | 6HX | 100.00 | 20.00 | 3 | 8.50 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM105AA-M12 | ● | M 12 | 1.75 | 12.00 | 9.32 | 55.00 | 6HX | 110.00 | 23.00 | 3 | 10.30 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM105AA-M16 | ● | M 16 | 2.00 | 16.00 | 12.19 | 55.00 | 6HX | 110.00 | 25.00 | 3 | 14.50 | DIN/ANSI | C = 2-3xTP |

● = First choice ○ = Good choice

# CoroTap® 100, cutting tap with straight flutes

Thread form: Metric fine




Common data values

| SUBSTRATE | COATING |
|---|---|
| HSS-E-PM | PVD TiN |

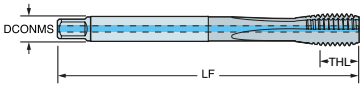
Metric (mm)

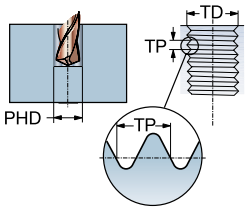
| | Ordering code | P1PL | TDZ | TP [mm] | TD [mm] | DCON$_{MS}$ [mm] | LU [mm] | TCTR | LF [mm] | THL [mm] | NOF | PHD [mm] | BSG | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P | | | | | | | | | | | | |
| NEW | T100-PM104AB-M8X075 | ● | MF 8x0.75 | 0.75 | 8.00 | 8.08 | 36.00 | 6HX | 80.00 | 15.00 | 3 | 7.30 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM104AB-M10X100 | ● | MF 10x1 | 1.00 | 10.00 | 9.68 | 43.00 | 6HX | 90.00 | 18.00 | 3 | 9.00 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM104AB-M10X125 | ● | MF 10x1.25 | 1.25 | 10.00 | 9.68 | 48.00 | 6HX | 100.00 | 20.00 | 3 | 8.80 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM105AB-M12X100 | ● | MF 12x1 | 1.00 | 12.00 | 9.32 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 11.00 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM105AB-M12X125 | ● | MF 12x1.25 | 1.25 | 12.00 | 9.32 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 10.80 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM105AB-M12X150 | ● | MF 12x1.5 | 1.50 | 12.00 | 9.32 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 10.60 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM105AB-M14X100 | ● | MF 14x1 | 1.00 | 14.00 | 10.90 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 13.00 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM105AB-M14X125 | ● | MF 14x1.25 | 1.25 | 14.00 | 10.90 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 12.80 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM105AB-M14X150 | ● | MF 14x1.5 | 1.50 | 14.00 | 10.90 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 12.70 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM105AB-M16X150 | ● | MF 16x1.5 | 1.50 | 16.00 | 12.19 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 14.70 | DIN/ANSI | C = 2-3xTP |

● = First choice ○ = Good choice

# CoroTap® 100, cutting tap with straight flutes

Thread form: UNC




Common data values

| SUBSTRATE | COATING |
|---|---|
| HSS-E-PM | PVD TiN |

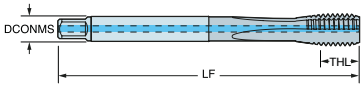
Metric (mm)

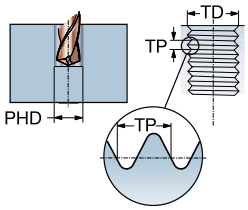
| | Ordering code | P1PL | TDZ | TD [mm] | DCON$_{MS}$ [mm] | TPI | LU [mm] | TCTR | LF [mm] | THL [mm] | NOF | PHD [mm] | BSG | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P | | | | | | | | | | | | |
| NEW | T100-PM106AE-1/4 | ● | UNC 1/4-20 | 6.35 | 6.48 | 20 | 25.00 | 2BX | 80.00 | 16.00 | 3 | 5.10 | DIN/ANSI | E = 1.5-2xTP |
| NEW | T100-PM104AE-5/16 | ● | UNC 5/16-18 | 7.94 | 8.08 | 18 | 34.00 | 2BX | 90.00 | 19.00 | 3 | 6.70 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM106AE-5/16 | ● | UNC 5/16-18 | 7.94 | 8.08 | 18 | 34.00 | 2BX | 90.00 | 19.00 | 3 | 6.70 | DIN/ANSI | E = 1.5-2xTP |
| NEW | T100-PM104AE-3/8 | ● | UNC 3/8-16 | 9.52 | 9.68 | 16 | 39.00 | 2BX | 100.00 | 21.30 | 3 | 8.00 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM106AE-3/8 | ● | UNC 3/8-16 | 9.52 | 9.68 | 16 | 39.00 | 2BX | 100.00 | 21.30 | 3 | 8.00 | DIN/ANSI | E = 1.5-2xTP |
| NEW | T100-PM105AE-7/16 | ● | UNC 7/16-14 | 11.11 | 8.20 | 14 | 48.00 | 2BX | 100.00 | 20.10 | 3 | 9.40 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM107AE-7/16 | ● | UNC 7/16-14 | 11.11 | 8.20 | 14 | 48.00 | 2BX | 100.00 | 20.10 | 3 | 9.40 | DIN/ANSI | E = 1.5-2xTP |
| NEW | T100-PM105AE-1/2 | ● | UNC 1/2-13 | 12.70 | 9.32 | 13 | 55.00 | 2BX | 110.00 | 23.10 | 3 | 10.80 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM107AE-1/2 | ● | UNC 1/2-13 | 12.70 | 9.32 | 13 | 55.00 | 2BX | 110.00 | 23.10 | 3 | 10.80 | DIN/ANSI | E = 1.5-2xTP |
| NEW | T100-PM105AE-5/8 | ● | UNC 5/8-11 | 15.88 | 12.19 | 11 | 55.00 | 2BX | 110.00 | 23.10 | 3 | 13.60 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM107AE-5/8 | ● | UNC 5/8-11 | 15.88 | 12.19 | 11 | 55.00 | 2BX | 110.00 | 23.10 | 3 | 13.60 | DIN/ANSI | E = 1.5-2xTP |

● = First choice ○ = Good choice

# CoroTap® 100, cutting tap with straight flutes

Thread form: UNF




Common data values

| SUBSTRATE | COATING |
|---|---|
| HSS-E-PM | PVD TiN |

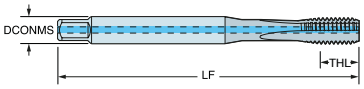
Metric (mm)

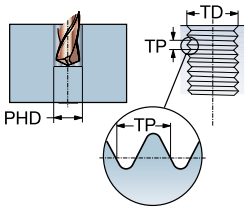
| | Ordering code | P1PL | TDZ | TD [mm] | DCON$_{MS}$ [mm] | TPI | LU [mm] | TCTR | LF [mm] | THL [mm] | NOF | PHD [mm] | BSG | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P | | | | | | | | | | | | |
| NEW | T100-PM106AF-1/4 | ● | UNF 1/4-28 | 6.35 | 6.48 | 28 | 25.00 | 2BX | 80.00 | 16.00 | 3 | 5.50 | DIN/ANSI | E = 1.5-2xTP |
| NEW | T100-PM104AF-5/16 | ● | UNF 5/16-24 | 7.94 | 8.08 | 18 | 34.00 | 2BX | 90.00 | 19.00 | 3 | 6.90 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM104AF-3/8 | ● | UNF 3/8-24 | 9.52 | 9.68 | 24 | 37.50 | 2BX | 100.00 | 20.00 | 4 | 28.00 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM106AF-3/8 | ● | UNF 3/8-24 | 9.52 | 9.68 | 24 | 37.50 | 2BX | 100.00 | 20.00 | 3 | 10.60 | DIN/ANSI | E = 1.5-2xTP |
| NEW | T100-PM105AF-7/16 | ● | UNF 7/16-20 | 11.11 | 8.20 | 14 | 48.00 | 2BX | 100.00 | 20.00 | 3 | 9.90 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM105AF-1/2 | ● | UNF 1/2-20 | 12.70 | 9.32 | 20 | 50.00 | 2BX | 110.00 | 21.00 | 3 | 7.15 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM107AF-1/2 | ● | UNF 1/2-20 | 12.70 | 9.32 | 20 | 50.00 | 2BX | 110.00 | 21.00 | 3 | 13.00 | DIN/ANSI | E = 1.5-2xTP |
| NEW | T100-PM105AF-5/8 | ● | UNF 5/8-18 | 15.88 | 12.19 | 18 | 50.00 | 2BX | 110.00 | 21.00 | 3 | 9.00 | DIN/ANSI | C = 2-3xTP |
| NEW | T100-PM107AF-5/8 | ● | UNF 5/8-18 | 15.88 | 12.19 | 18 | 50.00 | 2BX | 110.00 | 21.00 | 3 | 14.50 | DIN/ANSI | E = 1.5-2xTP |

● = First choice ○ = Good choice

# CoroTap® 100, cutting tap with straight flutes

Thread form: Metric fine




Common data values

| SUBSTRATE | COATING |
|---|---|
| HSS-E-PM | PVD TiN |

Metric (mm)

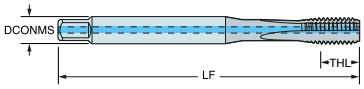
P

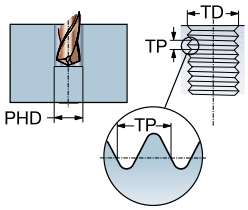
| Ordering code | P1PL | TDZ | TP [mm] | TD [mm] | $DCON_{MS}$ [mm] | LU [mm] | TCTR | LF [mm] | THL [mm] | NOF | PHD [mm] | BSG | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW T100-PM107DB-M6X075 | ● | MF 6x0.75 | 0.75 | 6.00 | 4.50 | 40.00 | 6HX | 80.00 | 15.00 | 3 | 5.30 | DIN374 | E = 1.5-2xTP |
| NEW T100-PM105DB-M8X075 | ● | MF 8x0.75 | 0.75 | 8.00 | 6.00 | 36.00 | 6HX | 80.00 | 15.00 | 3 | 7.30 | DIN374 | C = 2-3xTP |
| NEW T100-PM105DB-M8X100 | ● | MF 8x1 | 1.00 | 8.00 | 6.00 | 38.00 | 6HX | 90.00 | 18.00 | 3 | 7.15 | DIN374 | C = 2-3xTP |
| NEW T100-PM107DB-M8X075 | ● | MF 8x0.75 | 0.75 | 8.00 | 6.00 | 36.00 | 6HX | 80.00 | 15.00 | 3 | 7.30 | DIN374 | E = 1.5-2xTP |
| NEW T100-PM107DB-M8X100 | ● | MF 8x1 | 1.00 | 8.00 | 6.00 | 38.00 | 6HX | 90.00 | 18.00 | 3 | 7.15 | DIN374 | E = 1.5-2xTP |
| NEW T100-PM105DB-M10X100 | ● | MF 10x1 | 1.00 | 10.00 | 7.00 | 43.00 | 6HX | 90.00 | 18.00 | 3 | 9.00 | DIN374 | C = 2-3xTP |
| NEW T100-PM105DB-M10X125 | ● | MF 10x1.25 | 1.25 | 10.00 | 7.00 | 48.00 | 6HX | 100.00 | 20.00 | 3 | 8.80 | DIN374 | C = 2-3xTP |
| NEW T100-PM107DB-M10X100 | ● | MF 10x1 | 1.00 | 10.00 | 7.00 | 43.00 | 6HX | 90.00 | 18.00 | 3 | 9.00 | DIN374 | E = 1.5-2xTP |
| NEW T100-PM107DB-M10X125 | ● | MF 10x1.25 | 1.25 | 10.00 | 7.00 | 48.00 | 6HX | 100.00 | 20.00 | 3 | 8.80 | DIN374 | E = 1.5-2xTP |
| NEW T100-PM105DB-M12X100 | ● | MF 12x1 | 1.00 | 12.00 | 9.00 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 11.00 | DIN374 | C = 2-3xTP |
| NEW T100-PM105DB-M12X125 | ● | MF 12x1.25 | 1.25 | 12.00 | 9.00 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 10.80 | DIN374 | C = 2-3xTP |
| NEW T100-PM107DB-M12X100 | ● | MF 12x1 | 1.00 | 12.00 | 9.00 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 11.00 | DIN374 | E = 1.5-2xTP |
| NEW T100-PM107DB-M12X125 | ● | MF 12x1.25 | 1.25 | 12.00 | 9.00 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 10.80 | DIN374 | E = 1.5-2xTP |
| NEW T100-PM105DB-M14X100 | ● | MF 14x1 | 1.00 | 14.00 | 11.00 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 13.00 | DIN374 | C = 2-3xTP |
| NEW T100-PM105DB-M14X125 | ● | MF 14x1.25 | 1.25 | 14.00 | 11.00 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 12.80 | DIN374 | C = 2-3xTP |
| NEW T100-PM105DB-M14X150 | ● | MF 14x1.5 | 1.50 | 14.00 | 11.00 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 12.70 | DIN374 | C = 2-3xTP |
| NEW T100-PM107DB-M14X100 | ● | MF 14x1 | 1.00 | 14.00 | 11.00 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 13.00 | DIN374 | E = 1.5-2xTP |
| NEW T100-PM107DB-M14X125 | ● | MF 14x1.25 | 1.25 | 14.00 | 11.00 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 12.80 | DIN374 | E = 1.5-2xTP |
| NEW T100-PM107DB-M14X150 | ● | MF 14x1.5 | 1.50 | 14.00 | 11.00 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 12.70 | DIN374 | E = 1.5-2xTP |
| NEW T100-PM105DB-M16X150 | ● | MF 16x1.5 | 1.50 | 16.00 | 12.00 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 14.70 | DIN374 | C = 2-3xTP |
| NEW T100-PM107DB-M16X150 | ● | MF 16x1.5 | 1.50 | 16.00 | 12.00 | 50.00 | 6HX | 100.00 | 21.00 | 3 | 14.70 | DIN374 | E = 1.5-2xTP |

● = First choice ○ = Good choice

# CoroTap® 100, cutting tap with straight flutes

Thread form: Metric




Common data values

| SUBSTRATE | COATING |
|---|---|
| HSS-E-PM | PVD TiN |

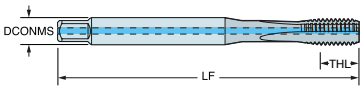
Metric (mm)

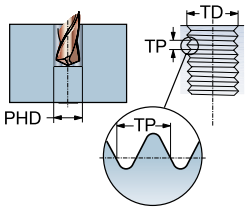
| | Ordering code | P1PL | TDZ | TP [mm] | TD [mm] | $DCON_{MS}$ [mm] | LU [mm] | TCTR | LF [mm] | THL [mm] | NOF | PHD [mm] | BSG | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | P | | | | | | | | | | | | |
| NEW | T100-PM105JA-M7 | ● | M 7 | 1.00 | 7.00 | 6.20 | 30.00 | 6HX | 65.00 | 15.00 | 3 | 6.00 | JIS-B-4430 | C = 2-3xTP |
| NEW | T100-PM105JA-M8 | ● | M 8 | 1.25 | 8.00 | 6.20 | 35.00 | 6HX | 70.00 | 18.00 | 3 | 6.80 | JIS-B-4430 | C = 2-3xTP |
| NEW | T100-PM107JA-M8 | ● | M 8 | 1.25 | 8.00 | 6.20 | 35.00 | 6HX | 70.00 | 18.00 | 3 | 6.80 | JIS-B-4430 | E = 1.5-2xTP |
| NEW | T100-PM105JA-M10 | ● | M 10 | 1.50 | 10.00 | 7.00 | 37.50 | 6HX | 75.00 | 20.00 | 3 | 8.50 | JIS-B-4430 | C = 2-3xTP |
| NEW | T100-PM107JA-M10 | ● | M 10 | 1.50 | 10.00 | 7.00 | 37.50 | 6HX | 75.00 | 20.00 | 3 | 8.50 | JIS-B-4430 | E = 1.5-2xTP |
| NEW | T100-PM105JA-M12 | ● | M 12 | 1.75 | 12.00 | 8.50 | 41.00 | 6HX | 82.00 | 23.00 | 3 | 10.30 | JIS-B-4430 | C = 2-3xTP |
| NEW | T100-PM107JA-M12 | ● | M 12 | 1.75 | 12.00 | 8.50 | 41.00 | 6HX | 82.00 | 23.00 | 3 | 10.30 | JIS-B-4430 | E = 1.5-2xTP |
| NEW | T100-PM105JA-M14 | ● | M 14 | 2.00 | 14.00 | 10.50 | 44.00 | 6HX | 88.00 | 25.00 | 3 | 12.00 | JIS-B-4430 | C = 2-3xTP |
| NEW | T100-PM107JA-M14 | ● | M 14 | 2.00 | 14.00 | 10.50 | 44.00 | 6HX | 88.00 | 25.00 | 3 | 12.00 | JIS-B-4430 | E = 1.5-2xTP |
| NEW | T100-PM105JA-M16 | ● | M 16 | 2.00 | 16.00 | 12.50 | 47.50 | 6HX | 95.00 | 25.00 | 3 | 14.50 | JIS-B-4430 | C = 2-3xTP |
| NEW | T100-PM107JA-M16 | ● | M 16 | 2.00 | 16.00 | 12.50 | 47.50 | 6HX | 95.00 | 25.00 | 3 | 14.50 | JIS-B-4430 | E = 1.5-2xTP |

● = First choice ○ = Good choice

# CoroTap™ 100 cutting tap with straight flutes

Thread form: Metric fine




Common data values

| SUBSTRATE | COATING |
|---|---|
| HSS-E-PM | PVD TiN |

Metric (mm)

P

| Ordering code | P1PL | TDZ | TP [mm] | TD [mm] | $DCON_{MS}$ [mm] | LU [mm] | TCTR | LF [mm] | THL [mm] | NOF | PHD [mm] | BSG | THCHT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW T100-PM105JB-M8X075 | ● | MF 8x0.75 | 0.75 | 8.00 | 6.20 | 35.00 | 6HX | 62.00 | 15.00 | 3 | 7.30 | JIS-B-4436 | C = 2-3xTP |
| NEW T100-PM105JB-M8X100 | ● | MF 8x1 | 1.00 | 8.00 | 6.20 | 35.00 | 6HX | 70.00 | 18.00 | 3 | 7.15 | JIS-B-4436 | C = 2-3xTP |
| NEW T100-PM107JB-M8X100 | ● | MF 8x1 | 1.00 | 8.00 | 6.20 | 35.00 | 6HX | 70.00 | 18.00 | 3 | 7.15 | JIS-B-4436 | E = 1.5-2xTP |
| NEW T100-PM105JB-M10X100 | ● | MF 10x1 | 1.00 | 10.00 | 7.00 | 43.00 | 6HX | 70.00 | 18.00 | 3 | 9.00 | JIS-B-4436 | C = 2-3xTP |
| NEW T100-PM105JB-M10X125 | ● | MF 10x1.25 | 1.25 | 10.00 | 7.00 | 48.00 | 6HX | 75.00 | 20.00 | 3 | 8.80 | JIS-B-4436 | C = 2-3xTP |
| NEW T100-PM107JB-M10X100 | ● | MF 10x1 | 1.00 | 10.00 | 7.00 | 43.00 | 6HX | 70.00 | 18.00 | 3 | 9.00 | JIS-B-4436 | E = 1.5-2xTP |
| NEW T100-PM107JB-M10X125 | ● | MF 10x1.25 | 1.25 | 10.00 | 7.00 | 48.00 | 6HX | 75.00 | 20.00 | 3 | 8.80 | JIS-B-4436 | E = 1.5-2xTP |
| NEW T100-PM105JB-M12X100 | ● | MF 12x1 | 1.00 | 12.00 | 8.50 | 50.00 | 6HX | 70.00 | 21.00 | 3 | 11.00 | JIS-B-4436 | C = 2-3xTP |
| NEW T100-PM105JB-M12X125 | ● | MF 12x1.25 | 1.25 | 12.00 | 8.50 | 50.00 | 6HX | 80.00 | 21.00 | 3 | 10.80 | JIS-B-4436 | C = 2-3xTP |
| NEW T100-PM105JB-M12X150 | ● | MF 12x1.5 | 1.50 | 12.00 | 8.50 | 50.00 | 6HX | 82.00 | 21.00 | 3 | 10.60 | JIS-B-4436 | C = 2-3xTP |
| NEW T100-PM107JB-M12X100 | ● | MF 12x1 | 1.00 | 12.00 | 8.50 | 50.00 | 6HX | 70.00 | 21.00 | 3 | 11.00 | JIS-B-4436 | E = 1.5-2xTP |
| NEW T100-PM107JB-M12X125 | ● | MF 12x1.25 | 1.25 | 12.00 | 8.50 | 50.00 | 6HX | 80.00 | 21.00 | 3 | 10.80 | JIS-B-4436 | E = 1.5-2xTP |
| NEW T100-PM107JB-M12X150 | ● | MF 12x1.5 | 1.50 | 12.00 | 8.50 | 50.00 | 6HX | 82.00 | 21.00 | 3 | 10.60 | JIS-B-4436 | E = 1.5-2xTP |
| NEW T100-PM105JB-M14X100 | ● | MF 14x1 | 1.00 | 14.00 | 10.50 | 50.00 | 6HX | 70.00 | 21.00 | 3 | 13.00 | JIS-B-4436 | C = 2-3xTP |
| NEW T100-PM105JB-M14X125 | ● | MF 14x1.25 | 1.25 | 14.00 | 10.50 | 50.00 | 6HX | 88.00 | 21.00 | 3 | 12.80 | JIS-B-4436 | C = 2-3xTP |
| NEW T100-PM105JB-M14X150 | ● | MF 14x1.5 | 1.50 | 14.00 | 10.50 | 50.00 | 6HX | 88.00 | 21.00 | 3 | 12.70 | JIS-B-4436 | C = 2-3xTP |
| NEW T100-PM107JB-M14X100 | ● | MF 14x1 | 1.00 | 14.00 | 10.50 | 50.00 | 6HX | 70.00 | 21.00 | 3 | 13.00 | JIS-B-4436 | E = 1.5-2xTP |
| NEW T100-PM107JB-M14X125 | ● | MF 14x1.25 | 1.25 | 14.00 | 10.50 | 50.00 | 6HX | 88.00 | 21.00 | 3 | 12.70 | JIS-B-4436 | E = 1.5-2xTP |
| NEW T100-PM107JB-M14X150 | ● | MF 14x1.5 | 1.50 | 14.00 | 10.50 | 50.00 | 6HX | 88.00 | 21.00 | 3 | 14.70 | JIS-B-4436 | E = 1.5-2xTP |
| NEW T100-PM105JB-M16X150 | ● | MF 16x1.5 | 1.50 | 16.00 | 12.50 | 50.00 | 6HX | 95.00 | 21.00 | 3 | 14.70 | JIS-B-4436 | C = 2-3xTP |
| NEW T100-PM107JB-M16X150 | ● | MF 16x1.5 | 1.50 | 16.00 | 12.50 | 50.00 | 6HX | 95.00 | 21.00 | 3 | 16.60 | JIS-B-4436 | E = 1.5-2xTP |

● = First choice ○ = Good choice

Read more about CoroDrill® DE10:
**sandvik.coromant.com/corodrillde10**

# CoroDrill® DE10

## High-volume hole making mastered

CoroDrill® DE10, the new best-performing exchangeable-tip drill mastering productive short-hole drilling in all materials.

## Application

- For high-volume hole making across all industries
- Typical components are heat exchanger plates, automotive components, shafts, pump and valves, flanges and structural I & H steel beams
- Hole tolerance H9/H10
- Can be used in a variety of drilling applications

P M K N S H

ISO application area

## Features and benefits

- High-feed capabilities allow for higher penetration rate, increasing productivity and reducing cost per hole
- Patented pre-tension clamping interface and strong drill tip geometry enable secure and robust drilling
- Interface design offers good centering capabilities leading to straighter holes and tighter tolerance
- One geometry for all materials and no pilot drill needed means less stock inventory
- Optimized chip flute geometry with two twisted coolant holes for good chip evacuation and hole quality

## Thriving in high feeds

Increase your feed by 40% and watch your productivity soar and cost efficiency peak. Plus, you will reduce your $CO_2$ emissions per operation by approximately 20%.

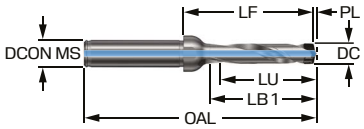
**40%**
Feed increase*

**-20%**
$CO_2$ emissions per operation

*Recorded against competitors in customer environment.

# CoroDrill® DE10, exchangeable-tip drill

Cylindrical shank




Metric (mm)

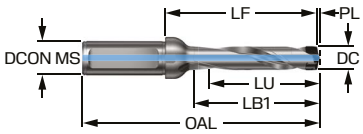
| | Ordering code | DCN [mm] | DCX [mm] | LU [mm] | TCHA | $DCON_{MS}$ [mm] | LF [mm] | OAL [mm] | LB [mm] | PL [mm] | CP [bar] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | DE10-D0900-090A12-3 | 9.00 | 9.49 | 29.77 | H9 | 12.00 | 40.10 | 86.40 | 30.5 | 1.30 | 10 | 77500 |
| NEW | DE10-D0900-090A12-5 | 9.00 | 9.49 | 48.75 | H9 | 12.00 | 58.90 | 105.20 | 49.3 | 1.30 | 10 | 42000 |
| NEW | DE10-D0900-090A12-8 | 9.00 | 9.49 | 77.22 | H9 | 12.00 | 87.10 | 133.40 | 77.5 | 1.30 | 10 | 21500 |
| NEW | DE10-D0950-095A12-3 | 9.50 | 9.99 | 31.07 | H9 | 12.00 | 41.73 | 88.10 | 32.2 | 1.37 | 10 | 75000 |
| NEW | DE10-D0950-095A12-5 | 9.50 | 9.99 | 50.87 | H9 | 12.00 | 61.53 | 107.90 | 52.0 | 1.37 | 10 | 40500 |
| NEW | DE10-D0950-095A12-8 | 9.50 | 9.99 | 80.57 | H9 | 12.00 | 91.23 | 137.60 | 81.7 | 1.37 | 10 | 20500 |

Imperial (inch)

| | Ordering code | DCN [inch] | DCX [inch] | LU [inch] | TCHA | $DCON_{MS}$ [inch] | LF [inch] | OAL [inch] | LB [inch] | PL [inch] | CP [lbf/in2] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | DE10-D0900-090O12-3 | 0.354 | 0.374 | 1.172 | H9 | 0.500 | 1.579 | 3.402 | 1.201 | 0.051 | 145 | 77500 |
| NEW | DE10-D0900-090O12-5 | 0.354 | 0.374 | 1.919 | H9 | 0.500 | 2.319 | 4.142 | 1.941 | 0.051 | 145 | 42000 |
| NEW | DE10-D0900-090O12-8 | 0.354 | 0.374 | 3.040 | H9 | 0.500 | 3.429 | 5.252 | 3.051 | 0.051 | 145 | 21500 |
| NEW | DE10-D0950-095O12-3 | 0.374 | 0.393 | 1.223 | H9 | 0.500 | 1.643 | 3.469 | 1.268 | 0.054 | 145 | 74500 |
| NEW | DE10-D0950-095O12-5 | 0.374 | 0.393 | 2.003 | H9 | 0.500 | 2.422 | 4.248 | 2.047 | 0.054 | 145 | 40000 |
| NEW | DE10-D0950-095O12-8 | 0.374 | 0.393 | 3.172 | H9 | 0.500 | 3.592 | 5.417 | 3.217 | 0.054 | 145 | 20500 |

# CoroDrill® DE10, exchangeable-tip drill

ISO 9766 shank

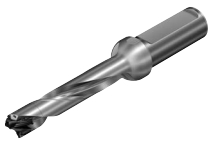


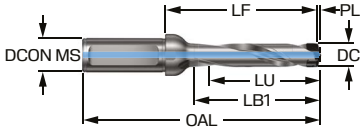

Metric (mm)

| | Ordering code | DCN [mm] | DCX [mm] | LU [mm] | TCHA | $DCON_{MS}$ [mm] | LF [mm] | OAL [mm] | LB [mm] | PL [mm] | CP [bar] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | DE10-D1000-100L16-3 | 10.00 | 10.49 | 32.91 | H9 | 16.00 | 45.26 | 94.70 | 33.9 | 1.44 | 10 | 68000 |
| NEW | DE10-D1000-100L16-5 | 10.00 | 10.49 | 53.89 | H9 | 16.00 | 66.06 | 115.50 | 54.7 | 1.44 | 10 | 37000 |
| NEW | DE10-D1000-100L16-8 | 10.00 | 10.49 | 85.36 | H9 | 16.00 | 97.26 | 146.70 | 85.9 | 1.44 | 10 | 19000 |
| NEW | DE10-D1050-105L16-3 | 10.50 | 10.99 | 34.21 | H9 | 16.00 | 46.69 | 96.20 | 35.5 | 1.51 | 10 | 66500 |
| NEW | DE10-D1050-105L16-5 | 10.50 | 10.99 | 56.01 | H9 | 16.00 | 68.49 | 118.00 | 57.3 | 1.51 | 10 | 36000 |
| NEW | DE10-D1050-105L16-8 | 10.50 | 10.99 | 88.71 | H9 | 16.00 | 101.19 | 150.70 | 90.0 | 1.51 | 10 | 18500 |
| NEW | DE10-D1100-110L16-3 | 11.00 | 11.49 | 36.05 | H9 | 16.00 | 48.22 | 97.80 | 37.1 | 1.58 | 10 | 65000 |
| NEW | DE10-D1100-110L16-5 | 11.00 | 11.49 | 59.03 | H9 | 16.00 | 71.02 | 120.60 | 59.9 | 1.58 | 10 | 35000 |
| NEW | DE10-D1100-110L16-8 | 11.00 | 11.49 | 93.50 | H9 | 16.00 | 105.22 | 154.80 | 94.1 | 1.58 | 10 | 18000 |
| NEW | DE10-D1150-115L16-3 | 11.50 | 11.99 | 37.35 | H9 | 16.00 | 49.65 | 99.30 | 38.7 | 1.65 | 10 | 63500 |
| NEW | DE10-D1150-115L16-5 | 11.50 | 11.99 | 61.15 | H9 | 16.00 | 73.45 | 123.10 | 62.5 | 1.65 | 10 | 34000 |
| NEW | DE10-D1150-115L16-8 | 11.50 | 11.99 | 96.85 | H9 | 16.00 | 109.15 | 158.80 | 98.2 | 1.65 | 10 | 17500 |
| NEW | DE10-D1200-120L16-3 | 12.00 | 12.49 | 39.19 | H9 | 16.00 | 51.18 | 100.90 | 40.4 | 1.72 | 10 | 62000 |
| NEW | DE10-D1200-120L16-5 | 12.00 | 12.49 | 64.17 | H9 | 16.00 | 75.98 | 125.70 | 65.2 | 1.72 | 10 | 33000 |
| NEW | DE10-D1200-120L16-8 | 12.00 | 12.49 | 101.64 | H9 | 16.00 | 113.18 | 162.90 | 102.4 | 1.72 | 10 | 16500 |
| NEW | DE10-D1250-125L16-3 | 12.50 | 12.99 | 40.49 | H9 | 16.00 | 52.61 | 102.40 | 41.9 | 1.79 | 10 | 60500 |
| NEW | DE10-D1250-125L16-5 | 12.50 | 12.99 | 66.29 | H9 | 16.00 | 78.41 | 128.20 | 67.7 | 1.79 | 10 | 32500 |
| NEW | DE10-D1250-125L16-8 | 12.50 | 12.99 | 104.99 | H9 | 16.00 | 117.11 | 166.90 | 106.4 | 1.79 | 10 | 16000 |
| | DE10-D1300-130L16-3 | 13.00 | 13.49 | 42.33 | H9 | 16.00 | 54.14 | 104.00 | 43.6 | 1.86 | 10 | 59000 |
| | DE10-D1300-130L16-5 | 13.00 | 13.49 | 69.31 | H9 | 16.00 | 80.94 | 130.80 | 70.4 | 1.86 | 10 | 31500 |
| | DE10-D1300-130L16-8 | 13.00 | 13.49 | 109.78 | H9 | 16.00 | 121.14 | 171.00 | 110.6 | 1.86 | 10 | 16000 |
| | DE10-D1350-135L16-3 | 13.50 | 13.99 | 43.62 | H9 | 16.00 | 55.68 | 105.60 | 45.2 | 1.92 | 10 | 58000 |
| | DE10-D1350-135L16-5 | 13.50 | 13.99 | 71.42 | H9 | 16.00 | 83.48 | 133.40 | 73.0 | 1.92 | 10 | 30500 |
| | DE10-D1350-135L16-8 | 13.50 | 13.99 | 113.12 | H9 | 16.00 | 125.18 | 175.10 | 114.7 | 1.92 | 10 | 15500 |
| | DE10-D1400-140L20-3 | 14.00 | 14.99 | 46.74 | H9 | 20.00 | 62.16 | 114.20 | 48.4 | 2.04 | 10 | 50000 |
| | DE10-D1400-140L20-5 | 14.00 | 14.99 | 76.54 | H9 | 20.00 | 91.96 | 144.00 | 78.2 | 2.04 | 10 | 26500 |
| | DE10-D1400-140L20-8 | 14.00 | 14.99 | 121.24 | H9 | 20.00 | 136.66 | 188.70 | 122.9 | 2.04 | 10 | 13500 |
| | DE10-D1500-150L20-3 | 15.00 | 15.99 | 49.90 | H9 | 20.00 | 65.10 | 117.30 | 51.6 | 2.20 | 10 | 48000 |
| | DE10-D1500-150L20-5 | 15.00 | 15.99 | 81.70 | H9 | 20.00 | 96.90 | 149.10 | 83.4 | 2.20 | 10 | 25500 |
| | DE10-D1500-150L20-8 | 15.00 | 15.99 | 129.40 | H9 | 20.00 | 144.60 | 196.80 | 131.1 | 2.20 | 10 | 13000 |
| | DE10-D1600-160L20-3 | 16.00 | 16.99 | 53.04 | H9 | 20.00 | 68.06 | 120.40 | 54.9 | 2.34 | 10 | 46500 |
| | DE10-D1600-160L20-5 | 16.00 | 16.99 | 86.84 | H9 | 20.00 | 101.86 | 154.20 | 88.7 | 2.34 | 10 | 24500 |
| | DE10-D1600-160L20-8 | 16.00 | 16.99 | 137.54 | H9 | 20.00 | 152.56 | 204.90 | 139.4 | 2.34 | 10 | 12000 |
| | DE10-D1700-170L20-3 | 17.00 | 17.99 | 56.18 | H9 | 20.00 | 71.02 | 123.50 | 58.1 | 2.48 | 10 | 45000 |

# CoroDrill® DE10, exchangeable-tip drill

ISO 9766 shank






Metric (mm)

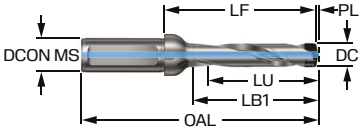
| | Ordering code | DCN [mm] | DCX [mm] | LU [mm] | TCHA | $DCON_{MS}$ [mm] | LF [mm] | OAL [mm] | LB [mm] | PL [mm] | CP [bar] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DE10-D1700-170L20-5 | 17.00 | 17.99 | 91.98 | H9 | 20.00 | 106.82 | 159.30 | 93.9 | 2.48 | 10 | 23500 |
| | DE10-D1700-170L20-8 | 17.00 | 17.99 | 145.68 | H9 | 20.00 | 160.52 | 213.00 | 147.6 | 2.48 | 10 | 11500 |

Imperial (inch)

| | Ordering code | DCN [inch] | DCX [inch] | LU [inch] | TCHA | $DCON_{MS}$ [inch] | LF [inch] | OAL [inch] | LB [inch] | PL [inch] | CP [lbf/in2] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | DE10-D1000-100LX16-3 | 0.394 | 0.413 | 1.296 | H9 | 0.625 | 1.782 | 3.728 | 1.335 | 0.057 | 145 | 68000 |
| NEW | DE10-D1000-100LX16-5 | 0.394 | 0.413 | 2.122 | H9 | 0.625 | 2.601 | 4.547 | 2.154 | 0.057 | 145 | 37000 |
| NEW | DE10-D1000-100LX16-8 | 0.394 | 0.413 | 3.361 | H9 | 0.625 | 3.829 | 5.776 | 3.382 | 0.057 | 145 | 19000 |
| NEW | DE10-D1050-105LX16-3 | 0.413 | 0.433 | 1.347 | H9 | 0.625 | 1.838 | 3.787 | 1.398 | 0.059 | 145 | 66500 |
| NEW | DE10-D1050-105LX16-5 | 0.413 | 0.433 | 2.205 | H9 | 0.625 | 2.696 | 4.646 | 2.256 | 0.059 | 145 | 36000 |
| NEW | DE10-D1050-105LX16-8 | 0.413 | 0.433 | 3.493 | H9 | 0.625 | 3.984 | 5.933 | 3.543 | 0.059 | 145 | 18500 |
| NEW | DE10-D1100-110LX16-3 | 0.433 | 0.452 | 1.419 | H9 | 0.625 | 1.898 | 3.850 | 1.461 | 0.062 | 145 | 65000 |
| NEW | DE10-D1100-110LX16-5 | 0.433 | 0.452 | 2.324 | H9 | 0.625 | 2.796 | 4.748 | 2.358 | 0.062 | 145 | 35000 |
| NEW | DE10-D1100-110LX16-8 | 0.433 | 0.452 | 3.681 | H9 | 0.625 | 4.143 | 6.094 | 3.705 | 0.062 | 145 | 18000 |
| NEW | DE10-D1150-115LX16-3 | 0.453 | 0.472 | 1.470 | H9 | 0.625 | 1.955 | 3.909 | 1.524 | 0.065 | 145 | 63500 |
| NEW | DE10-D1150-115LX16-5 | 0.453 | 0.472 | 2.407 | H9 | 0.625 | 2.892 | 4.846 | 2.461 | 0.065 | 145 | 34000 |
| NEW | DE10-D1150-115LX16-8 | 0.453 | 0.472 | 3.813 | H9 | 0.625 | 4.297 | 6.252 | 3.866 | 0.065 | 145 | 17000 |
| NEW | DE10-D1200-120LX16-3 | 0.472 | 0.492 | 1.543 | H9 | 0.625 | 2.015 | 3.972 | 1.591 | 0.068 | 145 | 62000 |
| NEW | DE10-D1200-120LX16-5 | 0.472 | 0.492 | 2.526 | H9 | 0.625 | 2.991 | 4.949 | 2.567 | 0.068 | 145 | 33000 |
| NEW | DE10-D1200-120LX16-8 | 0.472 | 0.492 | 4.002 | H9 | 0.625 | 4.456 | 6.413 | 4.031 | 0.068 | 145 | 16500 |
| NEW | DE10-D1250-125LX16-3 | 0.492 | 0.511 | 1.594 | H9 | 0.625 | 2.071 | 4.031 | 1.650 | 0.070 | 145 | 60500 |
| NEW | DE10-D1250-125LX16-5 | 0.492 | 0.511 | 2.610 | H9 | 0.625 | 3.087 | 5.047 | 2.665 | 0.070 | 145 | 32000 |
| NEW | DE10-D1250-125LX16-8 | 0.492 | 0.511 | 4.133 | H9 | 0.625 | 4.611 | 6.571 | 4.189 | 0.070 | 145 | 16500 |
| | DE10-D1300-130LX16-3 | 0.512 | 0.531 | 1.667 | H9 | 0.625 | 2.131 | 4.094 | 1.713 | 0.073 | 145 | 59000 |
| | DE10-D1300-130LX16-5 | 0.512 | 0.531 | 2.729 | H9 | 0.625 | 3.187 | 5.150 | 2.768 | 0.073 | 145 | 31500 |
| | DE10-D1300-130LX16-8 | 0.512 | 0.531 | 4.322 | H9 | 0.625 | 4.769 | 6.732 | 4.351 | 0.073 | 145 | 16000 |
| | DE10-D1350-135LX16-3 | 0.531 | 0.551 | 1.717 | H9 | 0.625 | 2.192 | 4.157 | 1.776 | 0.076 | 145 | 58000 |

# CoroDrill® DE10, exchangeable-tip drill

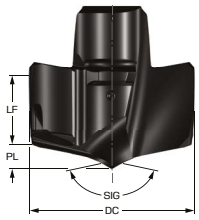
ISO 9766 shank




Imperial (inch)

| | Ordering code | DCN [inch] | DCX [inch] | LU [inch] | TCHA | $DCON_{MS}$ [inch] | LF [inch] | OAL [inch] | LB [inch] | PL [inch] | CP [lbf/in2] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DE10-D1350-135LX16-5 | 0.531 | 0.551 | 2.812 | H9 | 0.625 | 3.287 | 5.252 | 2.871 | 0.076 | 145 | 30500 |
| | DE10-D1350-135LX16-8 | 0.531 | 0.551 | 4.454 | H9 | 0.625 | 4.928 | 6.894 | 4.513 | 0.076 | 145 | 15500 |
| | DE10-D1400-140LX19-3 | 0.551 | 0.590 | 1.840 | H9 | 0.750 | 2.447 | 4.496 | 1.901 | 0.080 | 145 | 49500 |
| | DE10-D1400-140LX19-5 | 0.551 | 0.590 | 3.013 | H9 | 0.750 | 3.620 | 5.669 | 3.075 | 0.080 | 145 | 26500 |
| | DE10-D1400-140LX19-8 | 0.551 | 0.590 | 4.773 | H9 | 0.750 | 5.380 | 7.429 | 4.834 | 0.080 | 145 | 13500 |
| | DE10-D1500-150LX19-3 | 0.591 | 0.630 | 1.965 | H9 | 0.750 | 2.563 | 4.618 | 2.030 | 0.087 | 145 | 48000 |
| | DE10-D1500-150LX19-5 | 0.591 | 0.630 | 3.217 | H9 | 0.750 | 3.815 | 5.870 | 3.282 | 0.087 | 145 | 25500 |
| | DE10-D1500-150LX19-8 | 0.591 | 0.630 | 5.094 | H9 | 0.750 | 5.693 | 7.748 | 5.160 | 0.087 | 145 | 13000 |
| | DE10-D1600-160LX19-3 | 0.630 | 0.669 | 2.088 | H9 | 0.750 | 2.680 | 4.740 | 2.158 | 0.092 | 145 | 46500 |
| | DE10-D1600-160LX19-5 | 0.630 | 0.669 | 3.419 | H9 | 0.750 | 4.010 | 6.071 | 3.489 | 0.092 | 145 | 24500 |
| | DE10-D1600-160LX19-8 | 0.630 | 0.669 | 5.415 | H9 | 0.750 | 6.006 | 8.067 | 5.485 | 0.092 | 145 | 12000 |
| | DE10-D1700-170LX19-3 | 0.669 | 0.708 | 2.212 | H9 | 0.750 | 2.796 | 4.862 | 2.286 | 0.098 | 145 | 45000 |
| | DE10-D1700-170LX19-5 | 0.669 | 0.708 | 3.621 | H9 | 0.750 | 4.206 | 6.272 | 3.696 | 0.098 | 145 | 23500 |
| | DE10-D1700-170LX19-8 | 0.669 | 0.708 | 5.735 | H9 | 0.750 | 6.320 | 8.386 | 5.810 | 0.098 | 145 | 11500 |

# CoroDrill® DE10, drill tip

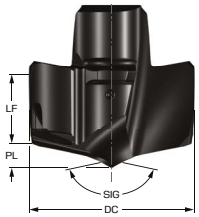



Metric (mm)

| | Ordering code | P | | S | | H | K | | M | | N | | SSC | LF [mm] | PL [mm] | DC [mm] | SIG [deg] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 2334 | 4334 | 2334 | 4334 | 4334 | 2334 | 4334 | 2334 | 4334 | 2334 | 4334 | | | | | |
| NEW | DE10-0900-090-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 090 | 3.81 | 1.27 | 9.00 | 158.00 |
| NEW | DE10-0910-090-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 090 | 3.81 | 1.28 | 9.10 | 158.00 |
| NEW | DE10-0920-090-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 090 | 3.80 | 1.29 | 9.20 | 158.00 |
| NEW | DE10-0930-090-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 090 | 3.79 | 1.30 | 9.30 | 158.00 |
| NEW | DE10-0940-090-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 090 | 3.78 | 1.31 | 9.40 | 158.00 |
| NEW | DE10-0950-095-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 095 | 4.03 | 1.34 | 9.50 | 158.00 |
| NEW | DE10-0952-095-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 095 | 4.03 | 1.35 | 9.52 | 158.00 |
| NEW | DE10-0960-095-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 095 | 4.03 | 1.35 | 9.60 | 158.00 |
| NEW | DE10-0970-095-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 095 | 4.02 | 1.36 | 9.70 | 158.00 |
| NEW | DE10-0980-095-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 095 | 4.01 | 1.37 | 9.80 | 158.00 |
| NEW | DE10-0990-095-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 095 | 4.00 | 1.38 | 9.90 | 158.00 |
| NEW | DE10-1000-100-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 100 | 4.24 | 1.41 | 10.00 | 158.00 |
| NEW | DE10-1010-100-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 100 | 4.23 | 1.42 | 10.10 | 158.00 |
| NEW | DE10-1020-100-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 100 | 4.22 | 1.43 | 10.20 | 158.00 |
| NEW | DE10-1030-100-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 100 | 4.22 | 1.44 | 10.30 | 158.00 |
| NEW | DE10-1040-100-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 100 | 4.21 | 1.45 | 10.40 | 158.00 |
| NEW | DE10-1050-105-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 105 | 4.46 | 1.48 | 10.50 | 158.00 |
| NEW | DE10-1060-105-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 105 | 4.45 | 1.49 | 10.60 | 158.00 |
| NEW | DE10-1070-105-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 105 | 4.45 | 1.50 | 10.70 | 158.00 |
| NEW | DE10-1080-105-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 105 | 4.44 | 1.51 | 10.80 | 158.00 |
| NEW | DE10-1090-105-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 105 | 4.43 | 1.52 | 10.90 | 158.00 |
| NEW | DE10-1100-110-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 110 | 4.67 | 1.55 | 11.00 | 158.00 |
| NEW | DE10-1110-110-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 110 | 4.66 | 1.56 | 11.10 | 158.00 |
| NEW | DE10-1111-110-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 110 | 4.66 | 1.56 | 11.11 | 158.00 |
| NEW | DE10-1120-110-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 110 | 4.65 | 1.57 | 11.20 | 158.00 |
| NEW | DE10-1130-110-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 110 | 4.65 | 1.58 | 11.30 | 158.00 |
| NEW | DE10-1140-110-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 110 | 4.64 | 1.59 | 11.40 | 158.00 |
| NEW | DE10-1150-115-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 115 | 4.88 | 1.62 | 11.50 | 158.00 |
| NEW | DE10-1160-115-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 115 | 4.87 | 1.63 | 11.60 | 158.00 |
| NEW | DE10-1170-115-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 115 | 4.86 | 1.64 | 11.70 | 158.00 |

● = First choice ○ = Good choice

# CoroDrill® DE10, drill tip

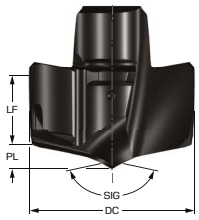



Metric (mm)

| | | P | | S | | H | K | | M | | N | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ordering code | 2334 | 4334 | 2334 | 4334 | 4334 | 2334 | 4334 | 2334 | 4334 | 2334 | 4334 | SSC | LF [mm] | PL [mm] | DC [mm] | SIG [deg] |
| NEW | DE10-1180-115-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 115 | 4.86 | 1.65 | 11.80 | 158.00 |
| NEW | DE10-1190-115-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 115 | 4.85 | 1.65 | 11.90 | 158.00 |
| NEW | DE10-1200-120-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 120 | 5.10 | 1.69 | 12.00 | 158.00 |
| NEW | DE10-1210-120-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 120 | 5.09 | 1.70 | 12.10 | 158.00 |
| NEW | DE10-1220-120-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 120 | 5.08 | 1.71 | 12.20 | 158.00 |
| NEW | DE10-1230-120-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 120 | 5.08 | 1.72 | 12.30 | 158.00 |
| NEW | DE10-1240-120-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 120 | 5.07 | 1.72 | 12.40 | 158.00 |
| NEW | DE10-1250-125-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 125 | 5.31 | 1.76 | 12.50 | 158.00 |
| NEW | DE10-1260-125-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 125 | 5.30 | 1.77 | 12.60 | 158.00 |
| NEW | DE10-1270-125-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 125 | 5.29 | 1.78 | 12.70 | 158.00 |
| NEW | DE10-1280-125-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 125 | 5.29 | 1.79 | 12.80 | 158.00 |
| NEW | DE10-1290-125-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 125 | 5.28 | 1.79 | 12.90 | 158.00 |
| | DE10-1300-130-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 130 | 5.53 | 1.83 | 13.00 | 158.00 |
| | DE10-1310-130-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 130 | 5.52 | 1.84 | 13.10 | 158.00 |
| | DE10-1320-130-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 130 | 5.51 | 1.85 | 13.20 | 158.00 |
| | DE10-1330-130-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 130 | 5.50 | 1.85 | 13.30 | 158.00 |
| | DE10-1340-130-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 130 | 5.50 | 1.86 | 13.40 | 158.00 |
| | DE10-1350-135-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 135 | 5.74 | 1.90 | 13.50 | 158.00 |
| | DE10-1360-135-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 135 | 5.73 | 1.91 | 13.60 | 158.00 |
| | DE10-1370-135-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 135 | 5.72 | 1.91 | 13.70 | 158.00 |
| | DE10-1380-135-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 135 | 5.72 | 1.92 | 13.80 | 158.00 |
| | DE10-1390-135-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 135 | 5.71 | 1.93 | 13.90 | 158.00 |
| | DE10-1400-140-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 140 | 5.94 | 1.99 | 14.00 | 158.00 |
| | DE10-1410-140-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 140 | 5.93 | 2.00 | 14.10 | 158.00 |
| | DE10-1420-140-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 140 | 5.92 | 2.01 | 14.20 | 158.00 |
| | DE10-1429-140-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 140 | 5.91 | 2.02 | 14.29 | 158.00 |
| | DE10-1430-140-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 140 | 5.91 | 2.02 | 14.30 | 158.00 |
| | DE10-1440-140-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 140 | 5.90 | 2.02 | 14.40 | 158.00 |
| | DE10-1450-140-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 140 | 5.89 | 2.03 | 14.50 | 158.00 |
| | DE10-1460-140-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 140 | 5.89 | 2.04 | 14.60 | 158.00 |

● = First choice ○ = Good choice

# CoroDrill® DE10, drill tip

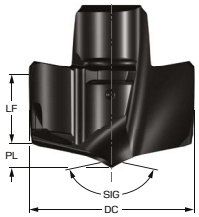



Metric (mm)

| | | P | | S | | H | K | | M | | N | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | **Ordering code** | **2334** | **4334** | **2334** | **4334** | **4334** | **2334** | **4334** | **2334** | **4334** | **2334** | **4334** | **SSC** | **LF [mm]** | **PL [mm]** | **DC [mm]** | **SIG [deg]** |
| | DE10-1470-140-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 140 | 5.88 | 2.05 | 14.70 | 158.00 |
| | DE10-1480-140-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 140 | 5.87 | 2.06 | 14.80 | 158.00 |
| | DE10-1490-140-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 140 | 5.86 | 2.06 | 14.90 | 158.00 |
| | DE10-1500-150-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 150 | 6.35 | 2.13 | 15.00 | 158.00 |
| | DE10-1510-150-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 150 | 6.35 | 2.14 | 15.10 | 158.00 |
| | DE10-1520-150-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 150 | 6.34 | 2.15 | 15.20 | 158.00 |
| | DE10-1530-150-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 150 | 6.33 | 2.15 | 15.30 | 158.00 |
| | DE10-1540-150-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 150 | 6.32 | 2.16 | 15.40 | 158.00 |
| | DE10-1550-150-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 150 | 6.31 | 2.17 | 15.50 | 158.00 |
| | DE10-1560-150-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 150 | 6.31 | 2.18 | 15.60 | 158.00 |
| | DE10-1570-150-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 150 | 6.30 | 2.19 | 15.70 | 158.00 |
| | DE10-1580-150-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 150 | 6.29 | 2.20 | 15.80 | 158.00 |
| | DE10-1588-150-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 150 | 6.28 | 2.20 | 15.88 | 158.00 |
| | DE10-1590-150-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 150 | 6.28 | 2.20 | 15.90 | 158.00 |
| | DE10-1600-160-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 160 | 6.78 | 2.27 | 16.00 | 158.00 |
| | DE10-1610-160-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 160 | 6.78 | 2.28 | 16.10 | 158.00 |
| | DE10-1613-160-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 160 | 6.77 | 2.28 | 16.13 | 158.00 |
| | DE10-1620-160-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 160 | 6.77 | 2.29 | 16.20 | 158.00 |
| | DE10-1630-160-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 160 | 6.76 | 2.29 | 16.30 | 158.00 |
| | DE10-1640-160-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 160 | 6.75 | 2.30 | 16.40 | 158.00 |
| | DE10-1650-160-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 160 | 6.74 | 2.31 | 16.50 | 158.00 |
| | DE10-1660-160-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 160 | 6.73 | 2.32 | 16.60 | 158.00 |
| | DE10-1670-160-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 160 | 6.73 | 2.33 | 16.70 | 158.00 |
| | DE10-1680-160-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 160 | 6.72 | 2.33 | 16.80 | 158.00 |
| | DE10-1690-160-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 160 | 6.71 | 2.34 | 16.90 | 158.00 |
| | DE10-1700-170-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 170 | 7.21 | 2.41 | 17.00 | 158.00 |
| | DE10-1710-170-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 170 | 7.20 | 2.42 | 17.10 | 158.00 |
| | DE10-1720-170-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 170 | 7.20 | 2.42 | 17.20 | 158.00 |
| | DE10-1730-170-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 170 | 7.19 | 2.43 | 17.30 | 158.00 |
| | DE10-1740-170-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 170 | 7.18 | 2.44 | 17.40 | 158.00 |

● = First choice ○ = Good choice

# CoroDrill® DE10, drill tip

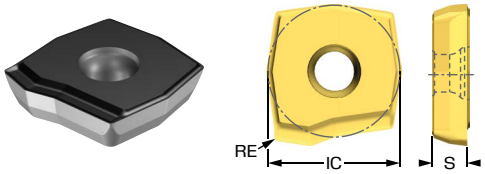



Metric (mm)

| | | P | | S | | H | K | | M | | N | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Ordering code | 2334 | 4334 | 2334 | 4334 | 4334 | 2334 | 4334 | 2334 | 4334 | 2334 | 4334 | SSC | LF [mm] | PL [mm] | DC [mm] | SIG [deg] |
| | DE10-1746-170-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 170 | 7.18 | 2.44 | 17.46 | 158.00 |
| | DE10-1750-170-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 170 | 7.17 | 2.45 | 17.50 | 158.00 |
| | DE10-1760-170-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 170 | 7.16 | 2.46 | 17.60 | 158.00 |
| | DE10-1770-170-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 170 | 7.16 | 2.46 | 17.70 | 158.00 |
| | DE10-1780-170-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 170 | 7.15 | 2.47 | 17.80 | 158.00 |
| | DE10-1790-170-M5 | ○ | ● | ● | ○ | ○ | ○ | ○ | ● | ● | ○ | ○ | 170 | 7.14 | 2.48 | 17.90 | 158.00 |

● = First choice ○ = Good choice

# CoroDrill® DS20, insert for drilling

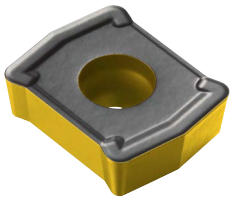


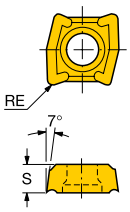

Metric (mm)

| | | | | P | S | H | K | M | N | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | Ordering code | 1344 | 1344 | 1344 | 1344 | 1344 | 1344 | SSC | S [mm] | RE [mm] | IC [mm] |
| medium feed | L5S | NEW | DS20-0407-C-L5S | ○ | ○ | ○ | ○ | ○ | ○ | 04C | 3.20 | 0.3 | 11.08 |
| | | NEW | DS20-0508-C-L5S | ○ | ○ | ○ | ○ | ○ | ○ | 05C | 3.50 | 0.3 | 13.36 |

● = First choice ○ = Good choice

# CoroDrill® 881, insert for drilling



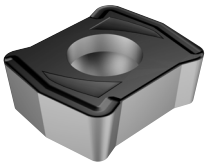


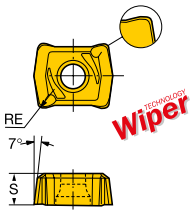

Metric (mm)

| | | | Ordering code | P 4344 | S 4344 | H 4344 | K 4344 | M 4344 | N 4344 | SSC | S [mm] | RE [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| medium feed | 53 | NEW | 881-02 02 04M-P-GM1 | ● | ● | ● | ● | ● | ● | 02 | 2.38 | 0.4 |
| | | NEW | 881-03 03 08M-P-GM1 | ● | ● | ● | ● | ● | ● | 03 | 3.17 | 0.8 |
| | | NEW | 881-04 03 08M-P-GM1 | ● | ● | ● | ● | ● | ● | 04 | 3.17 | 0.8 |

● = First choice ○ = Good choice

# Coromant® U insert for drilling



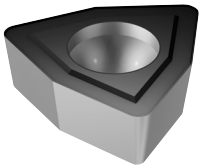


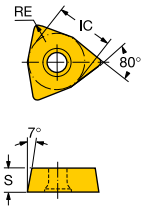

Metric (mm)

| | | | Ordering code | P 4344 | S 4344 | H 4344 | K 4344 | M 4344 | N 4344 | SSC | S [mm] | RE [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| medium feed | 53 | NEW | LCMX 02 02 04C-53 | ○ | ○ | ○ | ○ | ○ | ○ | 02 | 2.38 | 0.4 |
| | | NEW | LCMX 02 02 04TC-53 | ○ | | | ○ | | | 02 | 2.38 | 0.4 |
| | | NEW | LCMX 03 03 08T-53 | ○ | ○ | ○ | ○ | ○ | ○ | 03 | 3.17 | 0.8 |
| | | NEW | LCMX 04 03 08 T-53 | ○ | ○ | ○ | ○ | ○ | ○ | 04 | 3.17 | 0.8 |
| | WM | NEW | LCMX 03 03 04R-WM | ● | | | ● | ● | | 03 | 3.17 | 0.4 |
| | | NEW | LCMX 04 03 04R-WM | ● | | | ● | ● | | 04 | 3.17 | 0.4 |

● = First choice ○ = Good choice

# Coromant® U insert for drilling






Metric (mm)

| | | | Ordering code | P 4344 | S 4344 | H 4344 | K 4344 | M 4344 | N 4344 | SSC | S [mm] | RE [mm] | IC [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| medium feed | 53 | NEW | WCMX 05 03 08 R-53 | ○ | ○ | ○ | ○ | ○ | ○ | 05 | 3.17 | 0.8 | 7.94 |
| | | NEW | WCMX 05 03 08 T-53 | ○ | ○ | ○ | ○ | ○ | ○ | 05 | 3.17 | 0.8 | 7.94 |
| | | NEW | WCMX 06 T3 08 R-53 | ○ | ○ | ○ | ○ | ○ | ○ | 06 | 3.97 | 0.8 | 9.52 |
| | | NEW | WCMX 06 T3 08 T-53 | ○ | ○ | ○ | ○ | ○ | ○ | 06 | 3.97 | 0.8 | 9.52 |
| | | NEW | WCMX 08 04 12 R-53 | ○ | ○ | ○ | ○ | ○ | ○ | 08 | 4.76 | 1.2 | 12.70 |
| | | NEW | WCMX 08 04 12 T-53 | ○ | ○ | ○ | ○ | ○ | ○ | 08 | 4.76 | 1.2 | 12.70 |
| | WM | NEW | WCMX 05 03 04R-WM | ● | | | ● | ● | | 05 | 3.17 | 0.4 | 7.94 |
| | | NEW | WCMX 06 T3 04R-WM | ● | | | ● | ● | | 06 | 3.97 | 0.4 | 9.52 |

● = First choice ○ = Good choice

Read more about CoroBore® BR20:
**sandvik.coromant.com/coroborebr20**

# CoroBore® BR20

## Twin-edge rough boring tools for flexible boring

CoroBore® BR20 is a twin-edge multi-purpose rough boring. The system consists of adaptors with matching slides, shims and covers making it possible to adapt the tool to various materials and conditions.

## Features

- The system consists of adaptors with matching slides, shims and covers
- Large diameter range for each tool size
- Laser-marked scale on the adaptor makes setting the head diameter simple and user-friendly
- Back boring capability using a unique slide and cover
- High-precision coolant with nozzles within the slides precisely directing coolant flow

P M K N S H

ISO application area

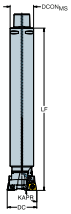
## Benefits

- Operate at longer overhangs and larger depth of cut
- Standard inserts with optimized, modern grades and geometries - run for longer at higher productivity
- Fewer stoppages enabled by inserts with excellent chip breaking, specially designed for rough boring operations

## CoroBore® BR20 with Silent Tools™ technology

The perfect problem-solver when working with longer overhangs. When using Silent Tools™, you have the opportunity to double the depth of cut, while maintaining productive boring.

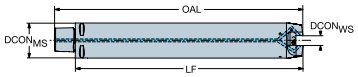
# CoroBore® BR20 twin-edge damped rough boring tool




Metric (mm)

| Ordering code | DCN [mm] | DCX [mm] | CNSC | $DCON_{MS}$ [mm] | KAPR [deg] | ADJLX [mm] | LF [mm] | OAL [mm] | BD [mm] | CP [bar] | CICT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BR20D-116CC12F-C6M | 89.00 | 116.00 | 3 | 63.00 | 90.0 | 13.50 | 400.00 | 438.00 | 80.0 | 70 | 2 |
| BR20D-116CC12F-C6S | 89.00 | 116.00 | 3 | 63.00 | 90.0 | 13.50 | 300.00 | 338.00 | 80.0 | 70 | 2 |
| BR20D-116SP12Y-C6M | 89.00 | 116.00 | 3 | 63.00 | 84.0 | 13.50 | 400.00 | 438.00 | 80.0 | 70 | 2 |
| BR20D-116SP12Y-C6S | 89.00 | 116.00 | 3 | 63.00 | 84.0 | 13.50 | 300.00 | 338.00 | 80.0 | 70 | 2 |
| BR20D-116TC16F-C6M | 89.00 | 116.00 | 3 | 63.00 | 90.0 | 13.50 | 400.00 | 438.00 | 80.0 | 70 | 2 |
| BR20D-116TC16F-C6S | 89.00 | 116.00 | 3 | 63.00 | 90.0 | 13.50 | 300.00 | 338.00 | 80.0 | 70 | 2 |
| BR20D-150CC12F-C6S | 115.00 | 150.00 | 3 | 63.00 | 90.0 | 17.50 | 300.00 | 338.00 | 104.0 | 70 | 2 |
| BR20D-150CC12F-C8S | 115.00 | 150.00 | 3 | 80.00 | 90.0 | 17.50 | 410.00 | 458.00 | 104.0 | 70 | 2 |
| BR20D-150SP12Y-C6S | 115.00 | 150.00 | 3 | 63.00 | 84.0 | 17.50 | 300.00 | 338.00 | 104.0 | 70 | 2 |
| BR20D-150SP12Y-C8S | 115.00 | 150.00 | 3 | 80.00 | 84.0 | 17.50 | 410.00 | 458.00 | 104.0 | 70 | 2 |
| BR20D-150TC16F-C6S | 115.00 | 150.00 | 3 | 63.00 | 90.0 | 17.50 | 300.00 | 338.00 | 104.0 | 70 | 2 |
| BR20D-150TC16F-C8S | 115.00 | 150.00 | 3 | 80.00 | 90.0 | 17.50 | 410.00 | 458.00 | 104.0 | 70 | 2 |
| BR20D-71CC12F-C5S | 55.00 | 71.00 | 3 | 50.00 | 90.0 | 8.00 | 260.00 | 290.00 | 50.0 | 70 | 2 |
| BR20D-71SP12Y-C5S | 55.00 | 71.00 | 3 | 50.00 | 84.0 | 8.00 | 260.00 | 290.00 | 50.0 | 70 | 2 |
| BR20D-71TC16F-C5S | 55.00 | 71.00 | 3 | 50.00 | 90.0 | 8.00 | 260.00 | 290.00 | 50.0 | 70 | 2 |
| BR20D-90CC12F-C5S | 70.00 | 90.00 | 3 | 50.00 | 90.0 | 10.00 | 260.00 | 290.00 | 63.0 | 70 | 2 |
| BR20D-90SP12Y-C5S | 70.00 | 90.00 | 3 | 50.00 | 84.0 | 10.00 | 260.00 | 290.00 | 63.0 | 70 | 2 |
| BR20D-90TC16F-C5S | 70.00 | 90.00 | 3 | 50.00 | 90.0 | 10.00 | 260.00 | 290.00 | 63.0 | 70 | 2 |

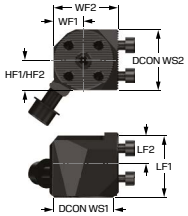
# Coromant Capto® to CoroBore® BR20 damped tool body




Metric (mm)

| Ordering code | DCN [mm] | DCX [mm] | CNSC | $DCON_{MS}$ [mm] | $LF_1$ [mm] | $LF_2$ [mm] | OAL [mm] | $BD_1$ [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|---|
| C5-BR20D-E-242 | 55.00 | 71.00 | 3 | 50.00 | 242.00 | 241.70 | 272.00 | 50.0 | 70 |
| C5-BR20D-F-240 | 70.00 | 90.00 | 3 | 50.00 | 240.00 | 239.70 | 270.00 | 63.0 | 70 |
| C6-BR20D-G-278 | 89.00 | 116.00 | 3 | 63.00 | 278.00 | 277.70 | 316.00 | 80.0 | 70 |
| C6-BR20D-G-378 | 89.00 | 116.00 | 3 | 63.00 | 378.00 | 377.70 | 416.00 | 80.0 | 70 |
| C6-BR20D-H-278 | 115.00 | 150.00 | 3 | 63.00 | 278.00 | 277.70 | 316.00 | 104.0 | 70 |
| C8-BR20D-H-388 | 115.00 | 150.00 | 3 | 80.00 | 388.00 | 387.70 | 436.00 | 104.0 | 70 |

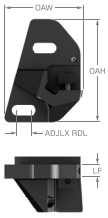
# CoroBore® XL cartridge to CoroTurn® SL




Metric (mm)

| Ordering code | CNSC | $LF_1$ [mm] | $LF_2$ [mm] | $HF_1$ [mm] | OAH [mm] | OAL [mm] | OAW [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|
| S12-R820XL2SL40-018 | 2 | 40.00 | 18.00 | 20.0 | 44.2 | 42.30 | 44.80 | 70 |

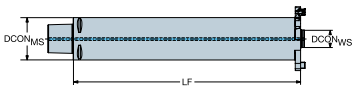
# Slide adapter for CoroBore® XL




Metric (mm)

| Ordering code | ADJLX [mm] | LF [mm] | OAH [mm] | OAL [mm] | OAW [mm] |
|---|---|---|---|---|---|
| S17-R820XLS12-012A | 14.00 | 12.00 | 104.0 | 56.30 | 79.24 |
| S24-R820XLS12-012A | 22.00 | 12.00 | 92.0 | 62.30 | 110.37 |

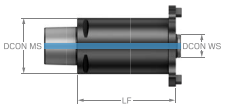
# Silent Tools™ adaptor with Coromant Capto® coupling to CoroBore® XL




Metric (mm)

| Ordering code | CNSC | DCON$_{MS}$ [mm] | LF$_1$ [mm] | OAL [mm] | BD$_1$ [mm] | DBC [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|
| C8-R822XLA33-F230 | 3 | 80.00 | 230.00 | 278.00 | 80.0 | 101.6 | 70 |
| C8-R822XLA33-F320 | 3 | 80.00 | 320.00 | 368.00 | 80.0 | 101.6 | 70 |

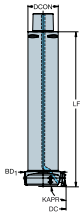
# Coromant Capto® to CoroBore® XL tool body




Metric (mm)

| Ordering code | CNSC | $DCON_{MS}$ [mm] | $LF_1$ [mm] | OAL [mm] | $BD_1$ [mm] | DBC [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|
| C8-R822XLA33-A140 | 3 | 80.00 | 140.00 | 195.00 | 120.0 | 101.6 | 70 |

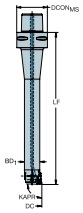
# CoroBore® 825 damped fine boring tool




Metric (mm)

| Ordering code | DCN [mm] | DCX [mm] | CNSC | $DCON_{MS}$ [mm] | KAPR [deg] | ADJLX [mm] | LF [mm] | OAH [mm] | OAL [mm] | BD [mm] | CP [bar] | CICT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 825D-107TC11U-C6S | 86.00 | 107.00 | 3 | 63.00 | 92.0 | 10.50 | 300.00 | 64.0 | 338.00 | 80.0 | 70 | 1 |
| 825D-137TC11U-C6S | 106.00 | 137.00 | 3 | 63.00 | 92.0 | 15.50 | 300.00 | 64.0 | 338.00 | 100.0 | 70 | 1 |
| 825D-167TC11U-C6M | 136.00 | 167.00 | 3 | 63.00 | 92.0 | 15.50 | 300.00 | 64.0 | 338.00 | 130.0 | 70 | 1 |
| 825D-167TC11U-C8XS | 136.00 | 167.00 | 3 | 80.00 | 92.0 | 15.50 | 410.00 | 81.0 | 458.00 | 130.0 | 70 | 1 |
| 825D-87TC11U-C5S | 69.00 | 87.00 | 3 | 50.00 | 92.0 | 9.00 | 260.00 | 51.0 | 290.00 | 63.0 | 70 | 1 |

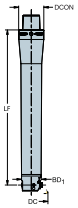
# CoroBore® 825 damped fine boring tool




Metric (mm)

| Ordering code | DCN [mm] | DCX [mm] | CNSC | DCON$_{MS}$ [mm] | KAPR [deg] | ADJLX [mm] | LF [mm] | OAL [mm] | BD [mm] | CP [bar] | CICT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 825D-70TC11U-C5S | 55.00 | 70.00 | 3 | 50.00 | 92.0 | 7.50 | 260.00 | 290.00 | 50.0 | 70 | 1 |
| 825D-87TC11U-C6S | 69.00 | 87.00 | 3 | 63.00 | 92.0 | 9.00 | 300.00 | 338.00 | 63.0 | 70 | 1 |

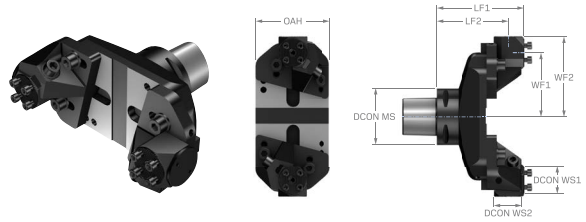
# Coromant Capto® to CoroBore® 825 damped tool body




Metric (mm)

| Ordering code | CNSC | $DCON_{MS}$ [mm] | $LF_1$ [mm] | OAL [mm] | $BD_1$ [mm] | CP [bar] |
|---|---|---|---|---|---|---|
| C5-R825C-FAE237 | 3 | 50.00 | 237.00 | 286.00 | 50.0 | 70 |
| C5-R825C-FAF237 | 3 | 50.00 | 237.00 | 286.00 | 63.0 | 70 |
| C6-R825C-FAF277 | 3 | 63.00 | 277.00 | 334.00 | 63.0 | 70 |
| C6-R825C-FAG277 | 3 | 63.00 | 277.00 | 334.00 | 80.0 | 70 |
| C6-R825C-FAH277 | 3 | 63.00 | 277.00 | 334.00 | 100.0 | 70 |
| C6-R825C-FAI277 | 3 | 63.00 | 277.00 | 334.00 | 130.0 | 70 |
| C8-R825C-FAI387 | 3 | 80.00 | 387.00 | 454.00 | 130.0 | 70 |

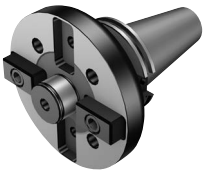
# Coromant Capto® to CoroTurn® SL adaptor

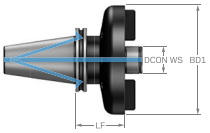


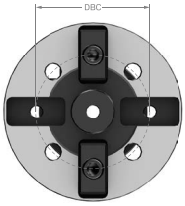

Metric (mm)

| Ordering code | CNSC | ADJLX [mm] | $LF_1$ [mm] | $LF_2$ [mm] | OAH [mm] | OAL [mm] | OAW [mm] |
|---|---|---|---|---|---|---|---|
| 820-228-2SL40-C8 | 3 | 26.00 | 122.00 | 100.00 | 104.0 | 170.00 | 200.00 |
| 820-278-2SL40-C8 | 3 | 26.00 | 122.00 | 100.00 | 104.0 | 170.00 | 250.00 |
| 820-328-2SL40-C8 | 3 | 26.00 | 122.00 | 100.00 | 104.0 | 170.00 | 300.00 |
| 820-378-2SL40-C8 | 3 | 26.00 | 122.00 | 100.00 | 104.0 | 170.00 | 350.00 |

# Adaptor with CAT-V coupling to CoroBore® XL





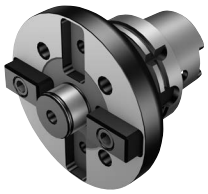



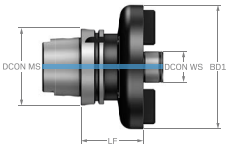

Imperial (inch)

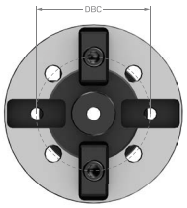
| Ordering code | CNSC | $LF_1$ [mm] | OAL [mm] | $BD_1$ [mm] | DBC [mm] | CP [bar] |
|---|---|---|---|---|---|---|
| A392B.45XL-5040 075 | 7 | 75.00 | 176.80 | 160.0 | 101.6 | 20 |

# Adaptor with HSK coupling to CoroBore® XL

Machine side interface HSK A/C





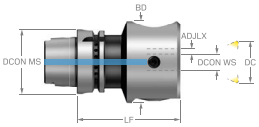




Metric (mm)

| Ordering code | CNSC | $DCON_{MS}$ [mm] | STDLET | $LF_1$ [mm] | OAL [mm] | $BD_1$ [mm] | DBC [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|
| 392.410XL-10040 080A | 1 | 100.00 | A | 80.00 | 130.00 | 160.0 | 101.6 | 20 |

# Adaptor with HSK coupling to fine boring head

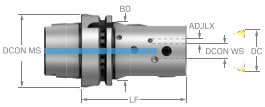
Machine side interface HSK A/C




Metric (mm)

| Ordering code | DCN [mm] | DCX [mm] | CNSC | $DCON_{MS}$ [mm] | STDLET | $LF_1$ [mm] | OAL [mm] | $BD_1$ [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|---|
| 392.41037A-10012076C | 3.00 | 26.00 | 1 | 100.00 | A | 76.00 | 126.00 | 50.0 | 20 |
| 392.41037A-63 20 100B | 17.00 | 36.00 | 1 | 63.00 | A | 100.00 | 132.00 | 80.0 | 20 |
| 392.41037A-6312063C | 3.00 | 26.00 | 1 | 63.00 | A | 63.00 | 95.00 | 50.0 | 20 |
| 392.41037A-6316085B | 3.00 | 32.00 | 1 | 63.00 | A | 85.00 | 117.00 | 63.0 | 20 |

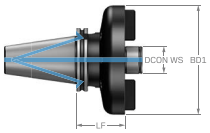
Machine side interface HSK A/C

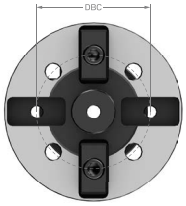



Metric (mm)

| Ordering code | DCN [mm] | DCX [mm] | CNSC | $DCON_{MS}$ [mm] | STDLET | $LF_1$ [mm] | OAL [mm] | $BD_1$ [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|---|---|
| 392.41037B-6312090C | 3.00 | 26.00 | 1 | 63.00 | A | 90.00 | 122.00 | 50.0 | 20 |

# Adaptor with ISO 7388-1 coupling to CoroBore® XL




Metric (mm)

| Ordering code | CNSC | STDLET | $LF_1$ [mm] | OAL [mm] | $BD_1$ [mm] | DBC [mm] | CP [bar] |
|---|---|---|---|---|---|---|---|
| 392B.140XL-5040 075 | 7 | AD/AF | 75.00 | 176.80 | 160.0 | 101.6 | 20 |

Read more about Silent Tools™:
**sandvik.coromant.com/silenttools**

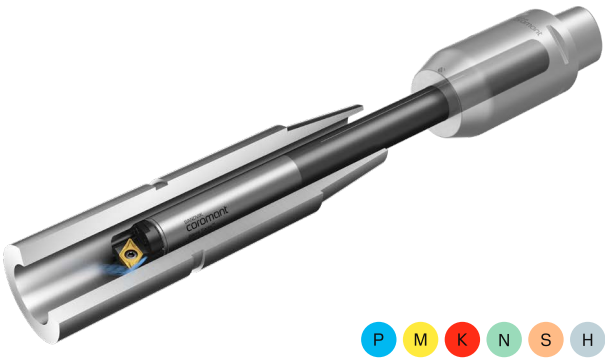
# Silent Tools™

## Next-gen turning adaptors and cutting heads

Silent Tools™ is the trademark for a family of tool holders for turning, milling, boring and drilling. The tool holders are designed to minimize vibrations through a dampener inside the tool body.

## Features

- Advanced damping system within the tool body, upgraded with all the newest features in damping technology
- Through-coolant capability up to 80 bar (1160 PSI)
- Streamlined set-up, increased machining repeatability and tool-health monitoring with the Tool Status Checker digital device




P M K N S H

ISO application area

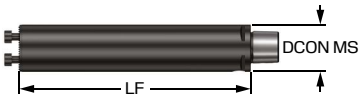
## Benefits

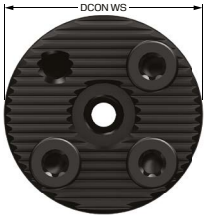
- A world-class damped product, upgraded with all the latest features in damping technology
- Safer machining at long overhangs with reduced risk of interruptions and incidents
- Improved surface finish
- Increased productivity through the ability to raise the feed rate while maintaining stability
- Reduced cost per component

## Fine-tuned to perfection: world-class vibration damping

- The damper body used to require manual fine-tuning, but is now calibrated and assembled automatically by a machine
- This automation results in a highly precise and predictable frequency area, perfectly matched to the adaptor's intended overhang and application

# Silent Tools™ adaptor with Coromant Capto® coupling to CoroTurn® SL



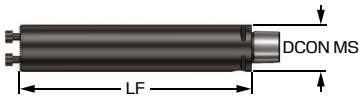

Common data values

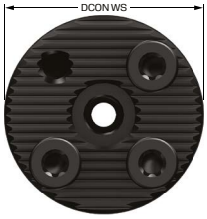
| CP [bar] |
|---|
| 80 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | $BD_1$ [mm] | LB [mm] | $LF_1$ [mm] | OHN [mm] | OHX [mm] | CNSC | CXSC | OAL [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HT30D-C3 16 092-16 | 32.00 | 16.00 | 16.0 | 74.0 | 90.00 | 92.0 | 92.0 | 3 | 1 | 111.60 | 2.0 |
| HT30D-C3 20 120-20 | 32.00 | 20.00 | 20.0 | 102.0 | 120.00 | 120.0 | 120.0 | 3 | 1 | 139.60 | 3.0 |
| HT30D-C3 25 130-25 | 32.00 | 25.00 | 25.0 | 112.0 | 130.00 | 130.0 | 130.0 | 3 | 1 | 139.60 | 3.7 |
| HT30D-C3 25 180-25 | 32.00 | 25.00 | 25.0 | 161.6 | 180.00 | 180.0 | 180.0 | 3 | 1 | 199.60 | 3.7 |
| HT30D-C3 32 160-32 | 32.00 | 32.00 | 32.0 | 160.0 | 160.00 | 160.0 | 160.0 | 3 | 1 | 179.32 | 8.8 |
| HT30D-C3 32 224-32 | 32.00 | 32.00 | 32.0 | 224.0 | 224.00 | 224.0 | 224.0 | 3 | 1 | 243.32 | 8.8 |
| HT30D-C4 16 092-16 | 40.00 | 16.00 | 16.0 | 69.0 | 92.00 | 92.0 | 92.0 | 3 | 1 | 116.60 | 2.0 |
| HT30D-C4 20 120-20 | 40.00 | 20.00 | 20.0 | 97.0 | 120.00 | 120.0 | 120.0 | 3 | 1 | 144.60 | 3.0 |
| HT30D-C4 25 130-25 | 40.00 | 25.00 | 25.0 | 107.0 | 130.00 | 130.0 | 130.0 | 3 | 1 | 154.60 | 3.7 |
| HT30D-C4 25 180-25 | 40.00 | 25.00 | 25.0 | 154.0 | 180.00 | 180.0 | 180.0 | 3 | 1 | 204.60 | 3.7 |
| HT30D-C4 32 160-32 | 40.00 | 32.00 | 32.0 | 137.0 | 160.00 | 160.0 | 160.0 | 3 | 1 | 184.32 | 8.8 |
| HT30D-C4 32 224-32 | 40.00 | 32.00 | 32.0 | 200.1 | 224.00 | 224.0 | 224.0 | 3 | 1 | 248.32 | 8.8 |
| HT30D-C4 40 208-40 | 40.00 | 40.00 | 40.0 | 208.0 | 208.00 | 208.0 | 208.0 | 3 | 1 | 232.32 | 15.0 |
| HT30D-C4 40 288-40 | 40.00 | 40.00 | 40.0 | 288.0 | 288.00 | 288.0 | 288.0 | 3 | 1 | 312.33 | 15.0 |
| HT30D-C5 16 092-16 | 50.00 | 16.00 | 16.0 | 69.0 | 92.00 | 92.0 | 92.0 | 3 | 1 | 122.60 | 2.0 |
| HT30D-C5 20 120-20 | 50.00 | 20.00 | 20.0 | 97.0 | 120.00 | 120.0 | 120.0 | 3 | 1 | 150.60 | 3.0 |
| HT30D-C5 25 130-25 | 50.00 | 25.00 | 25.0 | 107.0 | 130.00 | 130.0 | 130.0 | 3 | 1 | 160.60 | 3.7 |
| HT30D-C5 25 180-25 | 50.00 | 25.00 | 25.0 | 154.0 | 180.00 | 180.0 | 180.0 | 3 | 1 | 210.60 | 3.7 |
| HT30D-C5 25 230-25 | 50.00 | 25.00 | 25.0 | 204.0 | 230.00 | 230.0 | 230.0 | 3 | 1 | 260.60 | 3.7 |
| HT30D-C5 32 160-32 | 50.00 | 32.00 | 32.0 | 137.0 | 160.00 | 160.0 | 160.0 | 3 | 1 | 190.32 | 8.8 |
| HT30D-C5 32 224-32 | 50.00 | 32.00 | 32.0 | 198.0 | 224.00 | 224.0 | 224.0 | 3 | 1 | 254.30 | 8.8 |
| HT30D-C5 32 288-32 | 50.00 | 32.00 | 32.0 | 262.0 | 288.00 | 288.0 | 288.0 | 3 | 1 | 318.33 | 8.8 |
| HT30D-C5 40 208-40 | 50.00 | 40.00 | 40.0 | 185.0 | 208.00 | 208.0 | 208.0 | 3 | 1 | 238.32 | 15.0 |
| HT30D-C5 40 288-40 | 50.00 | 40.00 | 40.0 | 263.1 | 288.00 | 288.0 | 288.0 | 3 | 1 | 318.33 | 15.0 |
| HT30D-C5 40 368-40 | 50.00 | 40.00 | 40.0 | 343.1 | 368.00 | 368.0 | 368.0 | 3 | 1 | 398.33 | 15.0 |
| HT30D-C6 16 092-16 | 63.00 | 16.00 | 16.0 | 67.0 | 92.00 | 92.0 | 92.0 | 3 | 1 | 130.60 | 2.0 |
| HT30D-C6 20 120-20 | 63.00 | 20.00 | 20.0 | 95.0 | 120.00 | 120.0 | 120.0 | 3 | 1 | 158.60 | 3.0 |
| HT30D-C6 25 130-25 | 63.00 | 25.00 | 25.0 | 105.0 | 130.00 | 130.0 | 130.0 | 3 | 1 | 168.60 | 3.7 |
| HT30D-C6 25 180-25 | 63.00 | 25.00 | 25.0 | 152.0 | 180.00 | 180.0 | 180.0 | 3 | 1 | 218.60 | 3.7 |
| HT30D-C6 25 230-25 | 63.00 | 25.00 | 25.0 | 202.0 | 230.00 | 230.0 | 230.0 | 3 | 1 | 268.60 | 3.7 |
| HT30D-C6 32 160-32 | 63.00 | 32.00 | 32.0 | 135.0 | 160.00 | 160.0 | 160.0 | 3 | 1 | 198.32 | 8.8 |
| HT30D-C6 32 224-32 | 63.00 | 32.00 | 32.0 | 196.0 | 224.00 | 224.0 | 224.0 | 3 | 1 | 262.33 | 8.8 |
| HT30D-C6 32 288-32 | 63.00 | 32.00 | 32.0 | 260.0 | 288.00 | 288.0 | 288.0 | 3 | 1 | 326.33 | 8.8 |
| HT30D-C6 40 208-40 | 63.00 | 40.00 | 40.0 | 183.0 | 208.00 | 208.0 | 208.0 | 3 | 1 | 246.32 | 15.0 |

# Silent Tools™ adaptor with Coromant Capto® coupling to CoroTurn® SL



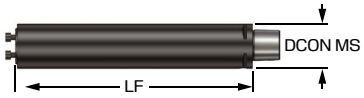

Common data values

| CP [bar] |
|---|
| 80 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | $BD_1$ [mm] | LB [mm] | $LF_1$ [mm] | OHN [mm] | OHX [mm] | CNSC | CXSC | OAL [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HT30D-C6 40 288-40 | 63.00 | 40.00 | 40.0 | 260.0 | 288.00 | 288.0 | 288.0 | 3 | 1 | 326.33 | 15.0 |
| HT30D-C6 40 368-40 | 63.00 | 40.00 | 40.0 | 340.0 | 368.00 | 368.0 | 368.0 | 3 | 1 | 406.33 | 15.0 |
| HT30D-C8 25 130-25 | 80.00 | 25.00 | 25.0 | 97.0 | 130.00 | 130.0 | 130.0 | 3 | 1 | 178.60 | 3.7 |
| HT30D-C8 25 180-25 | 80.00 | 25.00 | 25.0 | 144.0 | 180.00 | 180.0 | 180.0 | 3 | 1 | 228.60 | 3.7 |
| HT30D-C8 25 230-25 | 80.00 | 25.00 | 25.0 | 194.0 | 230.00 | 230.0 | 230.0 | 3 | 1 | 278.60 | 3.7 |
| HT30D-C8 32 160-32 | 80.00 | 32.00 | 32.0 | 127.0 | 160.00 | 160.0 | 160.0 | 3 | 1 | 208.32 | 8.8 |
| HT30D-C8 32 224-32 | 80.00 | 32.00 | 32.0 | 188.0 | 224.00 | 224.0 | 224.0 | 3 | 1 | 272.33 | 8.8 |
| HT30D-C8 32 288-32 | 80.00 | 32.00 | 32.0 | 252.0 | 288.00 | 288.0 | 288.0 | 3 | 1 | 336.33 | 8.8 |
| HT30D-C8 40 208-40 | 80.00 | 40.00 | 40.0 | 175.0 | 224.00 | 224.0 | 224.0 | 3 | 1 | 256.33 | 15.0 |
| HT30D-C8 40 288-40 | 80.00 | 40.00 | 40.0 | 252.0 | 288.00 | 288.0 | 288.0 | 3 | 1 | 336.33 | 15.0 |
| HT30D-C8 40 368-40 | 80.00 | 40.00 | 40.0 | 332.0 | 368.00 | 368.0 | 368.0 | 3 | 1 | 416.33 | 15.0 |

# Silent Tools™ adaptor with Coromant Capto® coupling to CoroTurn® SL quick change





Common data values

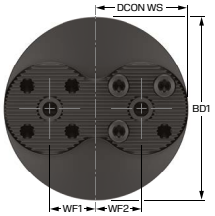
| CP [bar] | TQ [Nm] |
|---|---|
| 80 | 15.0 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | $BD_1$ [mm] | LB [mm] | $LF_1$ [mm] | $WF_1$ [mm] | OHN [mm] | OHX [mm] | CNSC | CXSC | OAL [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HT30D-C5 50 268L40 | 50.00 | 40.00 | 50.0 | 268.0 | 268.00 | 5.00 | 268.0 | 268.0 | 3 | 1 | 298.33 |
| HT30D-C5 50 268R40 | 50.00 | 40.00 | 50.0 | 268.0 | 268.00 | 5.00 | 268.0 | 268.0 | 3 | 1 | 298.33 |
| HT30D-C5 50 368L40 | 50.00 | 40.00 | 50.0 | 368.0 | 368.00 | 5.00 | 368.0 | 368.0 | 3 | 1 | 398.33 |
| HT30D-C5 50 368R40 | 50.00 | 40.00 | 50.0 | 368.0 | 368.00 | 5.00 | 368.0 | 368.0 | 3 | 1 | 398.33 |
| HT30D-C5 50 468L40 | 50.00 | 40.00 | 50.0 | 468.0 | 468.00 | 5.00 | 468.0 | 468.0 | 3 | 1 | 498.33 |
| HT30D-C5 50 468R40 | 50.00 | 40.00 | 50.0 | 468.0 | 468.00 | 5.00 | 468.0 | 468.0 | 3 | 1 | 498.33 |
| HT30D-C6 50 268L40 | 63.00 | 40.00 | 50.0 | 243.0 | 268.00 | 5.00 | 268.0 | 268.0 | 3 | 1 | 306.33 |
| HT30D-C6 50 268R40 | 63.00 | 40.00 | 50.0 | 243.0 | 268.00 | 5.00 | 268.0 | 268.0 | 3 | 1 | 306.33 |
| HT30D-C6 50 368L40 | 63.00 | 40.00 | 50.0 | 340.0 | 368.00 | 5.00 | 368.0 | 368.0 | 3 | 1 | 406.33 |
| HT30D-C6 50 368R40 | 63.00 | 40.00 | 50.0 | 340.0 | 368.00 | 5.00 | 368.0 | 368.0 | 3 | 1 | 406.33 |
| HT30D-C6 50 468L40 | 63.00 | 40.00 | 50.0 | 440.0 | 468.00 | 5.00 | 468.0 | 468.0 | 3 | 1 | 506.33 |
| HT30D-C6 50 468R40 | 63.00 | 40.00 | 50.0 | 440.0 | 468.00 | 5.00 | 468.0 | 468.0 | 3 | 1 | 506.33 |
| HT30D-C6 60 328L40 | 63.00 | 40.00 | 60.0 | 304.6 | 328.00 | 10.00 | 328.0 | 328.0 | 3 | 1 | 366.33 |
| HT30D-C6 60 328R40 | 63.00 | 40.00 | 60.0 | 304.6 | 328.00 | 10.00 | 328.0 | 328.0 | 3 | 1 | 366.33 |
| HT30D-C6 60 448L40 | 63.00 | 40.00 | 60.0 | 424.6 | 448.00 | 10.00 | 448.0 | 448.0 | 3 | 1 | 486.33 |
| HT30D-C6 60 448R40 | 63.00 | 40.00 | 60.0 | 424.6 | 448.00 | 10.00 | 448.0 | 448.0 | 3 | 1 | 486.33 |
| HT30D-C6 60 568L40 | 63.00 | 40.00 | 60.0 | 544.6 | 568.00 | 10.00 | 568.0 | 568.0 | 3 | 1 | 606.33 |
| HT30D-C6 60 568R40 | 63.00 | 40.00 | 60.0 | 544.6 | 568.00 | 10.00 | 568.0 | 568.0 | 3 | 1 | 606.33 |
| HT30D-C8 50 268L40 | 80.00 | 40.00 | 50.0 | 235.0 | 268.00 | 5.00 | 268.0 | 268.0 | 3 | 1 | 316.33 |
| HT30D-C8 50 268R40 | 80.00 | 40.00 | 50.0 | 235.0 | 268.00 | 5.00 | 268.0 | 268.0 | 3 | 1 | 316.23 |
| HT30D-C8 50 368L40 | 80.00 | 40.00 | 50.0 | 332.0 | 368.00 | 5.00 | 368.0 | 368.0 | 3 | 1 | 416.33 |
| HT30D-C8 50 368R40 | 80.00 | 40.00 | 50.0 | 332.0 | 368.00 | 5.00 | 368.0 | 368.0 | 3 | 1 | 416.33 |
| HT30D-C8 50 468L40 | 80.00 | 40.00 | 50.0 | 432.0 | 468.00 | 5.00 | 468.0 | 468.0 | 3 | 1 | 516.33 |
| HT30D-C8 50 468R40 | 80.00 | 40.00 | 50.0 | 432.0 | 468.00 | 5.00 | 468.0 | 468.0 | 3 | 1 | 516.33 |
| HT30D-C8 60 328L40 | 80.00 | 40.00 | 60.0 | 295.0 | 328.00 | 10.00 | 328.0 | 328.0 | 3 | 1 | 376.33 |
| HT30D-C8 60 328R40 | 80.00 | 40.00 | 60.0 | 295.0 | 328.00 | 10.00 | 328.0 | 328.0 | 3 | 1 | 376.33 |
| HT30D-C8 60 448L40 | 80.00 | 40.00 | 60.0 | 412.0 | 448.00 | 10.00 | 448.0 | 448.0 | 3 | 1 | 496.33 |
| HT30D-C8 60 448R40 | 80.00 | 40.00 | 60.0 | 412.0 | 448.00 | 10.00 | 448.0 | 448.0 | 3 | 1 | 496.33 |
| HT30D-C8 60 568L40 | 80.00 | 40.00 | 60.0 | 532.0 | 568.00 | 10.00 | 568.0 | 568.0 | 3 | 1 | 616.33 |
| HT30D-C8 60 568R40 | 80.00 | 40.00 | 60.0 | 532.0 | 568.00 | 10.00 | 568.0 | 568.0 | 3 | 1 | 616.33 |

R = Right hand, L = Left hand

# Silent Tools™ adaptor with Coromant Capto® coupling to CoroTurn® SL quick change

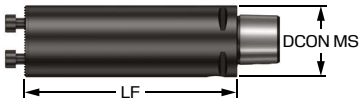



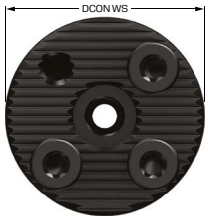

Common data values

| CP [bar] | TQ [Nm] |
|---|---|
| 80 | 15.0 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | $BD_1$ [mm] | LB [mm] | $LF_1$ [mm] | $LF_2$ [mm] | $WF_1$ [mm] | $WF_2$ [mm] | OHN [mm] | OHX [mm] | CNSC | CXSC | OAL [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HT30D-C10 100 968-40-2 | 100.00 | 40.00 | 100.0 | 968.0 | 968.00 | 968.00 | 30.00 | 30.00 | 968.0 | 968.0 | 3 | 1 | 1048.50 |
| HT30D-C1080 768-40-2 | 100.00 | 40.00 | 80.0 | 726.0 | 768.00 | 768.00 | 20.00 | 20.00 | 768.0 | 768.0 | 3 | | 848.50 |
| HT30D-C8 80 448-40-2 | 80.00 | 40.00 | 80.0 | 448.0 | 448.00 | 365.00 | 20.00 | 20.00 | 448.0 | 448.0 | 3 | 1 | 413.33 |
| HT30D-C8 80 608-40-2 | 80.00 | 40.00 | 80.0 | 608.0 | 608.00 | 608.00 | 20.00 | 20.00 | 608.0 | 608.0 | 3 | 1 | 656.33 |
| HT30D-C8 80 768-40-2 | 80.00 | 40.00 | 80.0 | 768.0 | 768.00 | 768.00 | 20.00 | 20.00 | 768.0 | 768.0 | 3 | 1 | 816.33 |



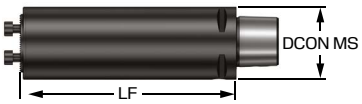

Common data values

| OHN [mm] | OHX [mm] | CP [bar] | TQ [Nm] |
|---|---|---|---|
| 120.0 | 120.0 | 80 | 15.0 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | $BD_1$ [mm] | LB [mm] | $LF_1$ [mm] | CNSC | CXSC | OAL [mm] |
|---|---|---|---|---|---|---|---|---|
| HT40D-C4 40 120-40 | 40.00 | 40.00 | 40.0 | 120.0 | 120.00 | 3 | 1 | 144.32 |
| HT40D-C5 40 120-40 | 50.00 | 40.00 | 40.0 | 97.0 | 120.00 | 3 | 1 | 150.32 |
| HT40D-C6 40 120-40 | 63.00 | 40.00 | 40.0 | 95.0 | 120.00 | 3 | 1 | 158.32 |

# Silent Tools™ adaptor with Coromant Capto® coupling to CoroTurn® SL quick change





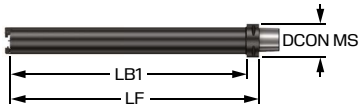
Common data values

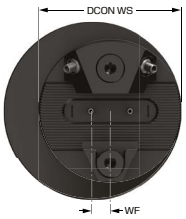
| CP [bar] | TQ [Nm] |
|---|---|
| 80 | 15.0 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | $BD_1$ [mm] | LB [mm] | $LF_1$ [mm] | $WF_1$ [mm] | OHN [mm] | OHX [mm] | CNSC | CXSC | OAL [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HT40D-C5 50 150L40 | 50.00 | 40.00 | 50.0 | 150.0 | 150.00 | 5.00 | 150.0 | 150.0 | 3 | 1 | 180.32 |
| HT40D-C5 50 150R40 | 50.00 | 40.00 | 50.0 | 150.0 | 150.00 | 5.00 | 150.0 | 150.0 | 3 | 1 | 180.32 |
| HT40D-C6 50 150L40 | 63.00 | 40.00 | 50.0 | 125.0 | 150.00 | 5.00 | 150.0 | 150.0 | 3 | 1 | 188.32 |
| HT40D-C6 50 150R40 | 63.00 | 40.00 | 50.0 | 125.0 | 150.00 | 5.00 | 150.0 | 150.0 | 3 | 1 | 188.32 |
| HT40D-C6 60 180L40 | 63.00 | 40.00 | 60.0 | 156.6 | 180.00 | 10.00 | 180.0 | 180.0 | 3 | 1 | 218.32 |
| HT40D-C6 60 180R40 | 63.00 | 40.00 | 60.0 | 156.6 | 180.00 | 10.00 | 180.0 | 180.0 | 3 | 1 | 218.32 |
| HT40D-C8 60 180L40 | 80.00 | 40.00 | 60.0 | 147.0 | 180.00 | 10.00 | 180.0 | 180.0 | 3 | 1 | 228.32 |
| HT40D-C8 60 180R40 | 80.00 | 40.00 | 60.0 | 147.0 | 180.00 | 10.00 | 180.0 | 180.0 | 3 | 1 | 228.32 |

R = Right hand, L = Left hand




Common data values

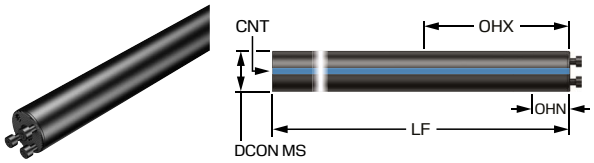
| CP [bar] | TQ [Nm] |
|---|---|
| 80 | 50.0 |

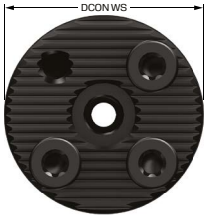
Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | $BD_1$ [mm] | LB [mm] | $LF_1$ [mm] | $WF_1$ [mm] | OHN [mm] | OHX [mm] | CNSC | CXSC | OAL [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HT30D-C10 100 955L80 | 100.00 | 100.00 | 100.0 | 955.0 | 955.00 | 10.00 | 955.0 | 955.0 | 3 | 1 | 1035.50 |
| HT30D-C10 100 955R80 | 100.00 | 80.00 | 100.0 | 955.0 | 955.00 | 10.00 | 955.0 | 955.0 | 3 | 1 | 1035.50 |
| HT30D-C10 80 755-80 | 100.00 | 80.00 | 80.0 | 713.0 | 755.00 | 0.00 | 755.0 | 755.0 | 3 | 1 | 835.50 |
| HT30D-C6 80 355-80 | 63.00 | 80.00 | 80.0 | 355.0 | 355.00 | 0.00 | 355.0 | 355.0 | 3 | 1 | 393.33 |
| HT30D-C8 80 435-80 | 80.00 | 80.00 | 80.0 | 435.0 | 435.00 | 0.00 | 435.0 | 435.0 | 3 | 1 | 483.33 |

R = Right hand, L = Left hand

# Silent Tools™ adaptor with cylindrical shank coupling to CoroTurn® SL




Common data values

| CP [bar] |
|---|
| 80 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | CNT | $BD_1$ [mm] | LB [mm] | $LF_1$ [mm] | OHN [mm] | OHX [mm] | CNSC | CXSC | OAL [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HT30D-CY16 156-16 | 16.00 | 16.00 | G 1/8-28 | 16.0 | 156.0 | 156.00 | 55.0 | 92.0 | 1 | 1 | 156.27 | 2.0 |
| HT30D-CY20 200-20 | 20.00 | 20.00 | G 1/4-19 | 20.0 | 200.0 | 200.00 | 70.0 | 120.0 | 1 | 1 | 200.27 | 3.0 |
| HT30D-CY25 255-25 | 25.00 | 25.00 | G 1/4-19 | 25.0 | 255.0 | 255.00 | 88.0 | 155.0 | 1 | 1 | 255.27 | 3.7 |
| HT30D-CY25 330-25 | 25.00 | 25.00 | G 1/4-19 | 25.0 | 330.0 | 330.00 | 155.0 | 230.0 | 1 | 1 | 330.27 | 3.7 |
| HT30D-CY32 320-32 | 32.00 | 32.00 | G 3/8-19 | 32.0 | 320.0 | 320.00 | 100.0 | 192.0 | 1 | 1 | 320.00 | 7.0 |
| HT30D-CY32 416-32 | 32.00 | 32.00 | G 3/8-19 | 32.0 | 416.0 | 416.00 | 192.0 | 288.0 | 1 | 1 | 416.00 | 7.0 |
| HT30D-CY40 408-40 | 40.00 | 40.00 | G 1/2-14 | 40.0 | 408.0 | 408.00 | 128.0 | 248.0 | 1 | 1 | 408.00 | 15.0 |
| HT30D-CY40 528-40 | 40.00 | 40.00 | G 1/2-14 | 40.0 | 528.0 | 528.00 | 248.0 | 368.0 | 1 | 1 | 528.00 | 15.0 |

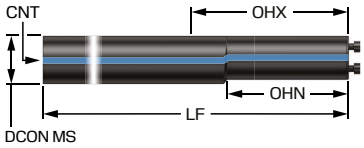
Common data values

| CP [lbf/in2] |
|---|
| 1160 |

Imperial (inch)

| Ordering code | $DCON_{MS}$ [inch] | $DCON_{WS}$ [inch] | CNT | $BD_1$ [inch] | LB [inch] | $LF_1$ [inch] | OHN [inch] | OHX [inch] | CNSC | CXSC | OAL [inch] | TQ [ft] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HT30D-CYA10 156-16 | 0.625 | 0.630 | G 1/8-28 | 0.630 | 6.142 | 6.142 | 2.165 | 3.622 | 1 | 1 | 6.152 | 1.5 |
| HT30D-CYA12 190-20 | 0.750 | 0.787 | G 1/8-28 | 0.787 | 7.480 | 7.480 | 3.071 | 4.488 | 1 | 1 | 7.491 | 2.2 |
| HT30D-CYA16 260-25 | 1.000 | 0.984 | G 1/4-19 | 1.000 | 10.236 | 10.236 | 3.346 | 6.260 | 1 | 1 | 10.247 | 2.7 |
| HT30D-CYA16 336-25 | 1.000 | 0.984 | G 1/4-19 | 1.000 | 13.213 | 13.228 | 6.102 | 9.252 | 1 | 1 | 13.239 | 2.7 |
| HT30D-CYA20 317-32 | 1.250 | 1.260 | G 3/8-19 | 1.250 | 12.480 | 12.480 | 3.740 | 7.480 | 1 | 1 | 12.480 | 5.2 |
| HT30D-CYA20 412-32 | 1.250 | 1.260 | G 3/8-19 | 1.250 | 16.220 | 16.220 | 7.480 | 11.220 | 1 | 1 | 16.220 | 5.2 |

# Silent Tools™ adaptor with cylindrical shank coupling to CoroTurn® SL





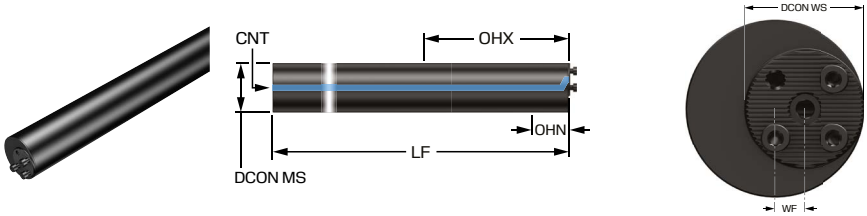
Common data values

| $BD_2$ [inch] | CP [lbf/in2] | TQ [ft] |
|---|---|---|
| 1.750 | 1160 | 11.1 |

Imperial (inch)

| Ordering code | $DCON_{MS}$ [inch] | $DCON_{WS}$ [inch] | CNT | $BD_1$ [inch] | LB [inch] | $LF_1$ [inch] | $WF_1$ [inch] | OHN [inch] | OHX [inch] | CNSC | CXSC | OAL [inch] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HT30D-CYA28 457-40 | 1.750 | 1.575 | G 1/2-14 | 1.575 | 4.606 | 17.992 | 0.088 | 5.787 | 11.024 | 1 | 1 | 17.992 |
| HT30D-CYA28 590-40 | 1.750 | 1.575 | G 1/2-14 | 1.575 | 9.331 | 23.228 | 0.088 | 11.024 | 16.260 | 1 | 1 | 23.228 |

# Silent Tools™ adaptor with cylindrical shank coupling to CoroTurn® SL




Common data values

| CP [bar] | TQ [Nm] |
|---|---|
| 80 | 15.0 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | CNT | $BD_1$ [mm] | LB [mm] | $LF_1$ [mm] | $WF_1$ [mm] | OHN [mm] | OHX [mm] | CNSC | CXSC | OAL [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HT30D-CY50 518-40 | 50.00 | 40.00 | G 1/2-14 | 50.0 | 518.0 | 518.00 | 5.00 | 168.0 | 318.0 | 1 | 1 | 518.00 |
| HT30D-CY50 668-40 | 50.00 | 40.00 | G 1/2-14 | 50.0 | 668.0 | 668.00 | 5.00 | 318.0 | 468.0 | 1 | 1 | 668.00 |
| HT30D-CY60 628-40 | 60.00 | 40.00 | G 3/4-14 | 60.0 | 628.0 | 628.00 | 10.00 | 208.0 | 388.0 | 1 | 1 | 628.00 |
| HT30D-CY60 808-40 | 60.00 | 40.00 | G 3/4-14 | 60.0 | 808.0 | 808.00 | 10.00 | 388.0 | 568.0 | 1 | 1 | 808.00 |

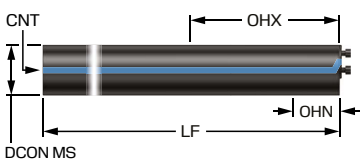
Common data values

| CP [lbf/in2] |
|---|
| 1160 |

Imperial (inch)

| Ordering code | $DCON_{MS}$ [inch] | $DCON_{WS}$ [inch] | CNT | $BD_1$ [inch] | LB [inch] | $LF_1$ [inch] | $WF_1$ [inch] | OHN [inch] | OHX [inch] | CNSC | CXSC | OAL [inch] | TQ [ft] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HT30D-CYA24 387-32 | 1.500 | 1.260 | G 1/2-14 | 1.500 | 15.236 | 15.236 | 0.120 | 4.764 | 9.252 | 1 | 1 | 15.236 | 5.2 |
| HT30D-CYA24 501-32 | 1.500 | 1.260 | G 1/2-14 | 1.500 | 19.724 | 19.724 | 0.120 | 9.252 | 13.740 | 1 | 1 | 19.724 | 5.2 |
| HT30D-CYA32 527-40 | 2.000 | 1.575 | G 1/2-14 | 2.000 | 20.748 | 20.748 | 0.197 | 6.772 | 12.756 | 1 | 1 | 20.748 | 11.1 |
| HT30D-CYA32 679-40 | 2.000 | 1.575 | G 1/2-14 | 2.000 | 26.732 | 26.732 | 0.197 | 12.756 | 18.740 | 1 | 1 | 26.732 | 11.1 |
| HT30D-CYA40 667-40 | 2.500 | 1.575 | G 3/4-14 | 2.500 | 26.260 | 26.260 | 0.463 | 8.780 | 16.260 | 1 | 1 | 26.260 | 11.1 |
| HT30D-CYA40 857-40 | 2.500 | 1.575 | G 3/4-14 | 2.500 | 33.740 | 33.740 | 0.463 | 16.260 | 23.740 | 1 | 1 | 33.740 | 11.1 |

# Silent Tools™ adaptor with cylindrical shank coupling to CoroTurn® SL





Common data values

| CP [bar] | TQ [Nm] |
|---|---|
| 80 | 15.0 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | CNT | $BD_1$ [mm] | LB [mm] | $LF_1$ [mm] | $WF_1$ [mm] | OHN [mm] | OHX [mm] | CNSC | CXSC | OAL [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HT40D-CY40 288-40 | 40.00 | 40.00 | G 1/2-14 | 40.0 | 288.0 | 288.00 | 0.00 | 86.0 | 128.0 | 1 | 1 | 288.00 |
| HT40D-CY50 368-40 | 50.00 | 40.00 | G 1/2-14 | 50.0 | 368.0 | 368.00 | 5.00 | 98.0 | 168.0 | 1 | 1 | 368.00 |
| HT40D-CY60 448-40 | 60.00 | 40.00 | G 3/4-14 | 60.0 | 448.0 | 448.00 | 10.00 | 107.0 | 208.0 | 1 | 1 | 448.00 |

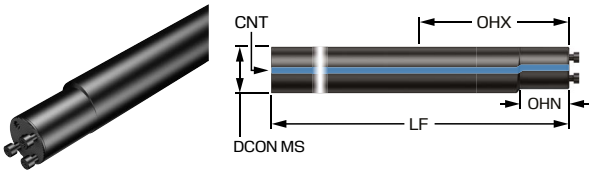
Common data values

| CP [lbf/in2] |
|---|
| 1160 |

Imperial (inch)

| Ordering code | $DCON_{MS}$ [inch] | $DCON_{WS}$ [inch] | CNT | $BD_1$ [inch] | LB [inch] | $LF_1$ [inch] | $WF_1$ [inch] | OHN [inch] | OHX [inch] | CNSC | CXSC | OAL [inch] | TQ [ft] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HT40D-CYA24 273-32 | 1.500 | 1.260 | G 1/2-14 | 1.500 | 10.748 | 10.748 | 0.120 | 3.386 | 4.764 | 1 | 1 | 10.748 | 5.2 |
| HT40D-CYA32 375-40 | 2.000 | 1.575 | G 1/2-14 | 2.000 | 14.764 | 14.764 | 0.197 | 3.858 | 6.772 | 1 | 1 | 14.764 | 11.1 |
| HT40D-CYA40 476-40 | 2.500 | 1.575 | G 3/4-14 | 2.500 | 18.740 | 18.740 | 0.463 | 4.213 | 8.740 | 1 | 1 | 18.740 | 11.1 |

# Silent Tools™ adaptor with cylindrical shank coupling to CoroTurn® SL





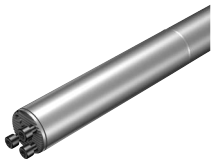
Common data values

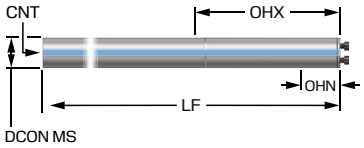
| BD2 [inch] | OHN [inch] | OHX [inch] | OAL [inch] | CP [lbf/in2] | TQ [ft] |
|---|---|---|---|---|---|
| 1.750 | 3.386 | 5.787 | 12.756 | 1160 | 11.1 |

Imperial (inch)

| Ordering code | DCONMS [inch] | DCONWS [inch] | CNT | BD1 [inch] | LB [inch] | LF1 [inch] | WF1 [inch] | CNSC | CXSC |
|---|---|---|---|---|---|---|---|---|---|
| HT40D-CYA28 324-40 | 1.750 | 1.575 | G 1/2-14 | 1.750 | 2.047 | 12.756 | 0.088 | 1 | 1 |

# Silent Tools™ adaptor with cylindrical shank coupling to CoroTurn® SL







Common data values

| CP [bar] |
|---|
| 80 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | CNT | $BD_1$ [mm] | LB [mm] | $LF_1$ [mm] | OHN [mm] | OHX [mm] | CNSC | CXSC | OAL [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HT31D-CY16 204-16 | 16.00 | 16.00 | G 1/8-28 | 16.0 | 204.0 | 204.00 | 96.0 | 140.0 | 1 | 1 | 204.27 | 2.0 |
| HT31D-CY20 260-20 | 20.00 | 20.00 | G 1/4-19 | 20.0 | 260.0 | 260.00 | 120.0 | 180.0 | 1 | 1 | 260.27 | 3.0 |

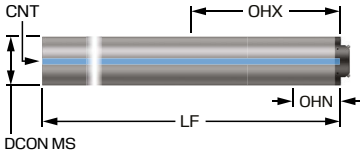
Common data values

| CP [lbf/in2] |
|---|
| 1160 |

Imperial (inch)

| Ordering code | $DCON_{MS}$ [inch] | $DCON_{WS}$ [inch] | CNT | $BD_1$ [inch] | LB [inch] | $LF_1$ [inch] | OHN [inch] | OHX [inch] | CNSC | CXSC | OAL [inch] | TQ [ft] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HT31D-CYA10 204-16 | 0.625 | 0.630 | G 1/8-28 | 0.630 | 8.031 | 8.031 | 3.150 | 5.551 | 1 | 1 | 8.042 | 1.5 |
| HT31D-CYA12 260-20 | 0.750 | 0.787 | G 1/8-28 | 0.787 | 10.236 | 10.236 | 4.016 | 7.244 | 1 | 1 | 10.247 | 2.2 |

# Silent Tools™ adaptor with cylindrical shank coupling to CoroTurn® SL quick change





Common data values

| CP [bar] | TQ [Nm] |
|---|---|
| 80 | 50.0 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | CNT | $BD_1$ [mm] | LB [mm] | $LF_1$ [mm] | OHN [mm] | OHX [mm] | CNSC | CXSC | OAL [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HT30D-CY80 1075-80 | 80.00 | 80.00 | G 3/4-14 | 80.0 | 1075.0 | 1075.00 | 515.0 | 755.0 | 1 | 1 | 1075.00 |
| HT30D-CY80 835-80 | 80.00 | 80.00 | G 3/4-14 | 80.0 | 835.0 | 835.00 | 275.0 | 515.0 | 1 | 1 | 835.00 |

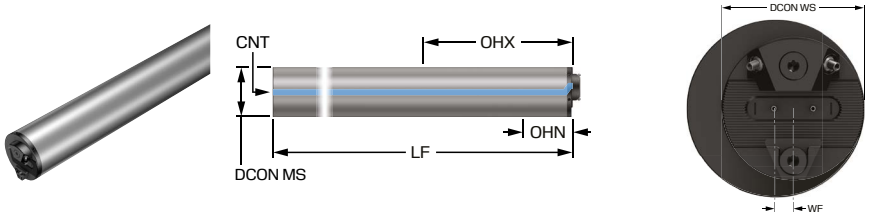
Common data values

| CP [lbf/in2] | TQ [ft] |
|---|---|
| 1160 | 36.9 |

Imperial (inch)

| Ordering code | $DCON_{MS}$ [inch] | $DCON_{WS}$ [inch] | CNT | $BD_1$ [inch] | LB [inch] | $LF_1$ [inch] | OHN [inch] | OHX [inch] | CNSC | CXSC | OAL [inch] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HT30D-CYA48 1022-80 | 3.000 | 3.150 | G 3/4-14 | 3.150 | 40.236 | 40.236 | 19.252 | 28.268 | 1 | 1 | 40.236 |
| HT30D-CYA48 793-80 | 3.000 | 3.150 | G 3/4-14 | 3.150 | 31.220 | 31.220 | 10.236 | 19.252 | 1 | 1 | 31.220 |

# Silent Tools™ adaptor with cylindrical shank coupling to CoroTurn® SL quick change




Common data values

| CP [bar] | TQ [Nm] |
|---|---|
| 80 | 50.0 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | CNT | $BD_1$ [mm] | LB [mm] | $LF_1$ [mm] | $WF_1$ [mm] | OHN [mm] | OHX [mm] | CNSC | CXSC | OAL [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HT30D-CY100 1055L80 | 100.00 | 80.00 | G 3/4-14 | 100.0 | 1055.0 | 1055.00 | 10.00 | 355.0 | 655.0 | 1 | 1 | 1055.00 |
| HT30D-CY100 1055R80 | 100.00 | 80.00 | G 3/4-14 | 100.0 | 1055.0 | 1055.00 | 10.00 | 355.0 | 655.0 | 1 | 1 | 1055.00 |
| HT30D-CY100 1355L80 | 100.00 | 80.00 | G 3/4-14 | 100.0 | 1355.0 | 1355.00 | 10.00 | 655.0 | 955.0 | 1 | 1 | 1355.00 |
| HT30D-CY100 1355R80 | 100.00 | 80.00 | G 3/4-14 | 100.0 | 1355.0 | 1355.00 | 10.00 | 655.0 | 955.0 | 1 | 1 | 1355.00 |

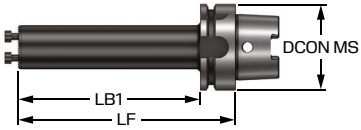
Common data values

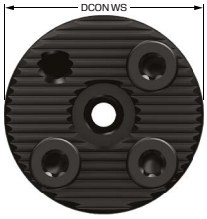
| CP [lbf/in2] | TQ [ft] |
|---|---|
| 1160 | 36.9 |

Imperial (inch)

| Ordering code | $DCON_{MS}$ [inch] | $DCON_{WS}$ [inch] | CNT | $BD_1$ [inch] | LB [inch] | $LF_1$ [inch] | $WF_1$ [inch] | OHN [inch] | OHX [inch] | CNSC | CXSC | OAL [inch] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HT30D-CYA64 1073L80 | 4.000 | 3.150 | G 3/4-14 | 4.000 | 42.244 | 42.244 | 0.394 | 14.252 | 26.260 | 1 | 1 | 42.244 |
| HT30D-CYA64 1073R80 | 4.000 | 3.150 | G 3/4-14 | 4.000 | 42.244 | 42.244 | 0.394 | 14.252 | 26.260 | 1 | 1 | 42.244 |
| HT30D-CYA64 1377L80 | 4.000 | 3.150 | G 3/4-14 | 4.000 | 54.213 | 54.213 | 0.394 | 26.220 | 38.228 | 1 | 1 | 54.213 |
| HT30D-CYA64 1377R80 | 4.000 | 3.150 | G 3/4-14 | 4.000 | 54.213 | 54.213 | 0.394 | 26.220 | 38.228 | 1 | 1 | 54.213 |

# Silent Tools™ adaptor with HSK coupling to CoroTurn® SL



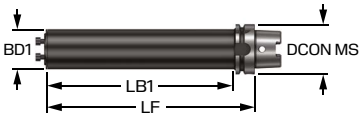

Common data values

| CP [bar] |
|---|
| 80 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | $BD_1$ [mm] | LB [mm] | $LF_1$ [mm] | OHN [mm] | OHX [mm] | CNSC | CXSC | OAL [mm] | TQ [Nm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HT30D-HT06 32 160-32 | 63.00 | 32.00 | 32.0 | 131.0 | 160.00 | 160.0 | 160.0 | 1 | 1 | 191.90 | 8.8 |
| HT30D-HT06 40 208-40 | 63.00 | 40.00 | 40.0 | 179.0 | 208.00 | 208.0 | 208.0 | 1 | 1 | 239.90 | 15.0 |
| HT30D-HT10 40 208-40 | 100.00 | 40.00 | 40.0 | 176.0 | 208.00 | 208.0 | 208.0 | 1 | 1 | 257.90 | 15.0 |

R = Right hand, L = Left hand





Common data values

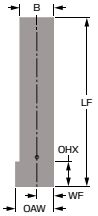
| CP [bar] | TQ [Nm] |
|---|---|
| 80 | 15.0 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | $BD_1$ [mm] | LB [mm] | $LF_1$ [mm] | $WF_1$ [mm] | OHN [mm] | OHX [mm] | CNSC | CXSC | OAL [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HT30D-HT06 50 268R40 | 63.00 | 40.00 | 50.0 | 239.0 | 268.00 | 5.00 | 268.0 | 268.0 | 1 | 1 | 299.90 |
| HT30D-HT10 50 268R40 | 100.00 | 40.00 | 50.0 | 236.0 | 268.00 | 5.00 | 268.0 | 268.0 | 1 | 1 | 317.90 |
| HT30D-HT10 60 328R40 | 100.00 | 40.00 | 60.0 | 296.0 | 328.00 | 10.00 | 328.0 | 328.0 | 1 | 1 | 377.90 |

R = Right hand, L = Left hand

# QS™ Micro, shank adaptor


Common data values

| OAL [mm] | CP [bar] |
|---|---|
| 80.00 | 150 |

Metric (mm)

| Ordering code | H [mm] | $LF_1$ [mm] | $LF_2$ [mm] | $WF_1$ [mm] | $WF_2$ [mm] | $HF_1$ [mm] | $HF_2$ [mm] | OHN [mm] | OHX [mm] | CNSC | CXSC | OAW [mm] | OAH [mm] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QSM12-N1012 | 10.00 | 80.00 | 80.00 | 5.00 | 5.00 | 5.0 | 5.0 | 12.0 | 12.0 | 3 | 1 | 16.00 | 12.0 |
| QSM12-N1212 | 12.00 | 80.00 | 80.00 | 6.00 | 6.00 | 6.0 | 6.0 | 12.0 | 12.0 | 3 | 1 | 16.00 | 12.0 |
| QSM16-N1616 | 16.00 | 80.00 | 80.00 | 8.00 | 8.00 | 8.0 | 8.0 | 12.0 | 12.0 | 3 | 1 | 18.00 | 16.0 |
| QSM16-N2020 | 20.00 | 80.00 | | 8.00 | | 8.0 | | 10.0 | 10.0 | 3 | 1 | 20.00 | 20.0 |

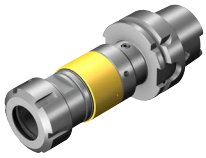
Common data values

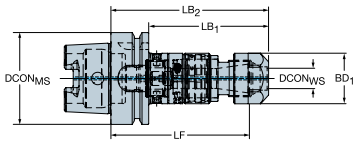
| OAL [inch] | CP [lbf/in2] |
|---|---|
| 3.150 | 2176 |

Imperial (inch)

| Ordering code | H [inch] | $LF_1$ [inch] | $LF_2$ [inch] | $WF_1$ [inch] | $WF_2$ [inch] | $HF_1$ [inch] | $HF_2$ [inch] | OHN [inch] | OHX [inch] | CNSC | CXSC | OAW [inch] | OAH [inch] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| QSM12-N0608 | 0.375 | 3.150 | 3.150 | 0.188 | 0.188 | 0.188 | 0.188 | 0.472 | 0.472 | 3 | 1 | 0.630 | 0.472 |
| QSM12-N08 | 0.500 | 3.150 | 3.150 | 0.250 | 0.250 | 0.236 | 0.236 | 0.472 | 0.472 | 3 | 1 | 0.644 | 0.500 |
| QSM16-N10 | 0.625 | 3.150 | 3.150 | 0.313 | 0.313 | 0.315 | 0.315 | 0.472 | 0.472 | 3 | 1 | 0.706 | 0.625 |
| QSM16-N12 | 0.750 | 3.150 | | 0.315 | | 0.315 | | 0.394 | 0.394 | 3 | 1 | 0.787 | 0.750 |

# CoroChuck® 970, tapping chuck with HSK coupling





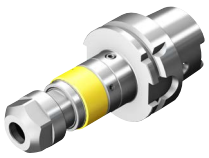

Common data values

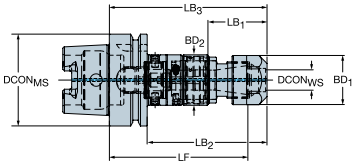
| CP [bar] |
|---|
| 80 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | LF [mm] | $LB_1$ [mm] | $LB_2$ [mm] | CNSC | CXSC | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|
| 970-HA06-32-131A | 63.00 | 32.80 | 121.70 | 105.2 | 131.2 | 1 | 1 | 8000 |
| 970-HA10-32-138A | 100.00 | 32.80 | 128.20 | 108.7 | 137.7 | 1 | 1 | 8000 |
| 970-HA10-40-164A | 100.00 | 40.80 | 146.60 | 129.1 | 158.0 | 1 | 1 | 8000 |

# CoroChuck® 970, tapping chuck with HSK coupling





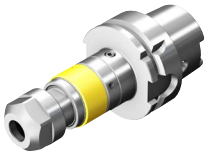

Common data values

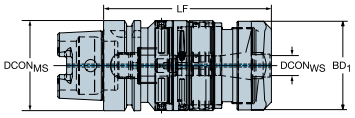
| CP [bar] |
|---|
| 80 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | LF [mm] | $LB_1$ [mm] | $LB_2$ [mm] | $LB_3$ [mm] | CNSC | CXSC | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|
| 970-HA06-20-108A | 63.00 | 20.80 | 95.10 | 35.3 | 77.1 | 103.1 | 1 | 1 | 8000 |
| 970-HA06-25-128A | 63.00 | 25.80 | 114.00 | 37.1 | 96.5 | 122.5 | 1 | 1 | 8000 |
| 970-HA10-20-115A | 100.00 | 20.80 | 101.60 | 35.3 | 80.5 | 109.6 | 1 | 1 | 8000 |
| 970-HA10-25-134A | 100.00 | 25.80 | 120.50 | 37.1 | 100.0 | 129.0 | 1 | 1 | 8000 |

# CoroChuck® 970, tapping chuck with HSK coupling






Common data values

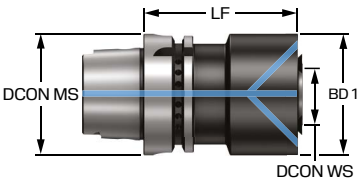
| CP [bar] |
|---|
| 80 |

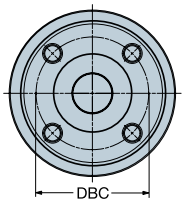
Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | LF [mm] | $LB_1$ [mm] | CNSC | CXSC | RPMX [1/min] |
|---|---|---|---|---|---|---|---|
| 970-HA06-40-160A | 63.00 | 41.00 | 143.10 | 154.5 | 1 | 1 | 8000 |

# Adaptor with HSK coupling to arbor with driving screws

Machine side interface HSK A/C



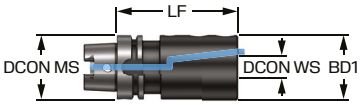

Common data values

| CP [bar] |
|---|
| 80 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | LF [mm] | $LB_1$ [mm] | $LB_2$ [mm] | CNSC | CXSC | $BD_1$ [mm] | $BD_2$ [mm] | TQ [Nm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HA06-X10-032-055A | 63.00 | 10.00 | 55.00 | 28.0 | 55.0 | 1 | 4 | 32.0 | 63.0 | 6.4 | 12000 |
| HA06-X22-040-060A | 63.00 | 22.00 | 60.00 | 33.0 | 60.0 | 1 | 4 | 40.0 | 63.0 | 3.9 | 11000 |
| HA06-X32-063-080A | 63.00 | 32.00 | 80.00 | 80.0 | | 1 | 4 | 63.0 | | 6.4 | 10000 |

# HSK to cylindrical shank adaptor



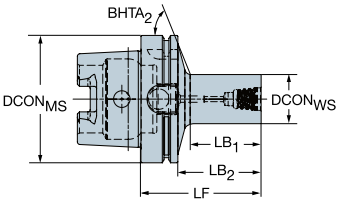

Common data values

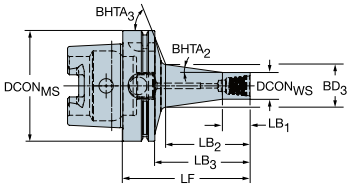
| CP [bar] |
|---|
| 80 |

Metric (mm)

| | Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | $LF_1$ [mm] | LB [mm] | CNSC | CXSC | $BD_1$ [mm] |
|---|---|---|---|---|---|---|---|---|
| NEW | HT06-131-00118-25 | 63.00 | 25.00 | 118.00 | 118.0 | 1 | 7 | 63.0 |
| NEW | HT06-131-00132-40 | 63.00 | 40.00 | 132.00 | 132.0 | 1 | 7 | 80.0 |

# Adaptor with HSK coupling to Coromant® EH



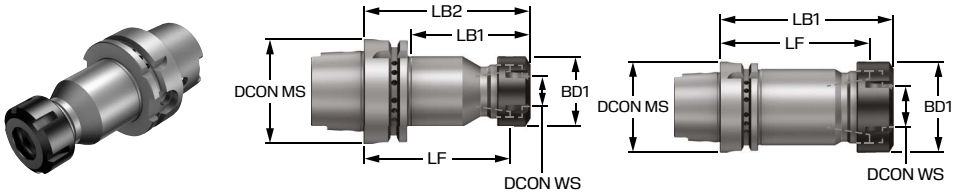

Common data values

| CP [bar] |
|---|
| 100 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | LF [mm] | $LB_1$ [mm] | $LB_2$ [mm] | $LB_3$ [mm] | $LB_4$ [mm] | CNSC | CXSC | $BD_1$ [mm] | $BD_2$ [mm] | $BD_3$ [mm] | $BD_4$ [mm] | $BHTA_2$ [deg] | TQ [Nm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HA04-EH10-10-040 | 40.00 | 9.60 | 40.00 | 13.0 | 20.0 | 40.0 | | 1 | 1 | 9.6 | 9.6 | 40.0 | | 59.1 | 12.0 | 30000 |
| HA04-EH12-12-043 | 40.00 | 11.60 | 43.00 | 16.3 | 23.0 | 43.0 | | 1 | 1 | 11.6 | 11.6 | 40.0 | | 58.0 | 15.0 | 30000 |
| HA04-EH16-16-048 | 40.00 | 15.40 | 48.00 | 21.9 | 28.0 | 48.0 | | 1 | 1 | 15.4 | 15.4 | 40.0 | | 55.0 | 30.0 | 30000 |
| HA04-EH20-20-045 | 40.00 | 19.20 | 45.00 | 19.4 | 25.0 | 45.0 | | 1 | 1 | 19.2 | 19.2 | 40.0 | | 50.0 | 50.0 | 30000 |
| HA05-EH10-10-047 | 50.00 | 9.60 | 47.00 | 13.0 | 21.0 | 47.0 | | 1 | 1 | 9.6 | 9.6 | 50.0 | | 63.0 | 12.0 | 25000 |
| HA05-EH12-12-050 | 50.00 | 11.60 | 50.00 | 16.3 | 24.0 | 50.0 | | 1 | 1 | 11.6 | 11.6 | 50.0 | | 62.0 | 15.0 | 25000 |
| HA05-EH16-16-055 | 50.00 | 15.40 | 55.00 | 21.8 | 29.0 | 55.0 | | 1 | 1 | 15.4 | 15.4 | 50.0 | | 60.0 | 30.0 | 25000 |
| HA05-EH20-20-052 | 50.00 | 19.20 | 52.00 | 19.3 | 26.0 | 52.0 | | 1 | 1 | 19.2 | 19.2 | 50.0 | | 58.0 | 50.0 | 25000 |
| HA05-EH25-25-057 | 50.00 | 24.10 | 57.00 | 24.9 | 31.0 | 57.0 | | 1 | 1 | 24.1 | 24.1 | 50.0 | | 54.0 | 65.0 | 25000 |
| HA06-EH10-10-049 | 63.00 | 9.60 | 49.00 | 13.5 | 23.0 | 49.0 | | 1 | 1 | 9.6 | 9.6 | 63.0 | | 66.0 | 12.0 | 20500 |
| HA06-EH10-10-062 | 63.00 | 9.60 | 62.00 | 10.0 | 27.9 | 36.0 | 62.0 | 1 | 1 | 9.6 | 9.6 | 14.6 | 63.0 | 8.0 | 12.0 | 20500 |
| HA06-EH12-12-051 | 63.00 | 11.60 | 51.00 | 15.8 | 25.0 | 51.0 | | 1 | 1 | 11.6 | 11.6 | 63.0 | | 65.0 | 15.0 | 20500 |
| HA06-EH12-12-068 | 63.00 | 11.60 | 68.00 | 12.0 | 34.3 | 42.0 | 68.0 | 1 | 1 | 11.6 | 11.6 | 17.9 | 63.0 | 8.0 | 15.0 | 20500 |
| HA06-EH16-16-056 | 63.00 | 15.40 | 56.00 | 21.3 | 30.0 | 56.0 | | 1 | 1 | 15.4 | 15.4 | 63.0 | | 65.0 | 30.0 | 20500 |
| HA06-EH16-16-078 | 63.00 | 15.40 | 78.00 | 16.0 | 45.1 | 52.0 | 78.0 | 1 | 1 | 15.4 | 15.4 | 23.6 | 63.0 | 8.0 | 30.0 | 20500 |
| HA06-EH20-20-053 | 63.00 | 19.20 | 53.00 | 18.8 | 27.0 | 53.0 | | 1 | 1 | 19.2 | 19.2 | 63.0 | | 63.0 | 50.0 | 20500 |
| HA06-EH20-20-091 | 63.00 | 19.20 | 91.00 | 20.0 | 59.0 | 65.0 | 91.0 | 1 | 1 | 19.2 | 19.2 | 30.1 | 63.0 | 8.0 | 50.0 | 20500 |
| HA06-EH25-25-059 | 63.00 | 24.10 | 59.00 | 25.5 | 33.0 | 59.0 | | 1 | 1 | 24.1 | 24.1 | 63.0 | | 61.0 | 65.0 | 20500 |
| HA06-EH25-25-105 | 63.00 | 24.10 | 105.00 | 25.0 | 74.0 | 79.0 | 105.0 | 1 | 1 | 24.1 | 24.1 | 37.6 | 63.0 | 8.0 | 65.0 | 20500 |
| HA10-EH20-20-100 | 100.00 | 19.20 | 100.00 | 20.0 | 60.3 | 71.0 | 100.0 | 1 | 1 | 19.2 | 19.2 | 30.5 | 100.0 | 8.0 | 50.0 | 12500 |
| HA10-EH25-25-115 | 100.00 | 24.10 | 115.00 | 25.0 | 76.4 | 86.0 | 115.0 | 1 | 1 | 24.1 | 24.1 | 38.6 | 100.0 | 8.0 | 65.0 | 12500 |

# Adaptor with HSK coupling to ER collet chuck




Common data values

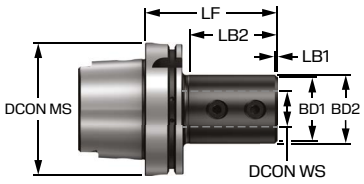
| CP [bar] |
|---|
| 80 |

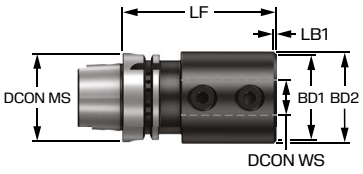
Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | LF [mm] | $LB_1$ [mm] | $LB_2$ [mm] | CNSC | CXSC | $BD_1$ [mm] | $BD_2$ [mm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|
| HA04-ER25-A042-062 | 40.00 | 26.00 | 50.00 | 62.0 | | 1 | 1 | 42.0 | | 30000 |
| HA05-ER32-A050-072 | 50.00 | 33.00 | 59.00 | 72.0 | | 1 | 1 | 50.0 | | 25000 |
| HA06-ER16-A028-100 | 63.00 | 17.00 | 89.40 | 71.1 | 100.0 | 1 | 1 | 28.0 | 63.0 | 20500 |
| HA06-ER20-A034-100 | 63.00 | 21.00 | 88.50 | 71.1 | 100.0 | 1 | 1 | 34.0 | 63.0 | 20500 |
| HA06-ER25-A042-100 | 63.00 | 26.00 | 88.00 | 74.0 | 100.0 | 1 | 1 | 42.0 | 63.0 | 20500 |
| HA06-ER32-A050-100 | 63.00 | 33.00 | 87.00 | 74.0 | 100.0 | 1 | 1 | 50.0 | 63.0 | 20500 |
| HA06-ER40-A063-120 | 63.00 | 41.00 | 105.00 | 120.0 | | 1 | 1 | 63.0 | | 20500 |
| HA10-ER20-A034-100 | 100.00 | 21.00 | 88.50 | 64.5 | 100.0 | 1 | 1 | 34.0 | 100.0 | 12500 |
| HA10-ER25-A042-100 | 100.00 | 26.00 | 88.00 | 65.0 | 100.0 | 1 | 1 | 42.0 | 100.0 | 12500 |
| HA10-ER32-A050-100 | 100.00 | 33.00 | 87.00 | 71.0 | 100.0 | 1 | 1 | 50.0 | 100.0 | 12500 |
| HA10-ER40-A063-120 | 100.00 | 41.00 | 105.00 | 91.0 | 120.0 | 1 | 1 | 63.0 | 100.0 | 12500 |
| HA10-ER50-A078-130 | 100.00 | 52.00 | 109.00 | 101.0 | 130.0 | 1 | 1 | 78.0 | 100.0 | 12500 |

# Adaptor with HSK coupling to ISO 9766

Machine side interface HSK A/C




Common data values

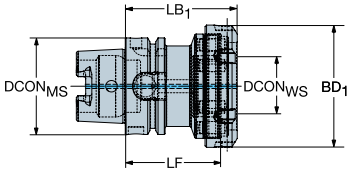
| CP [bar] |
|---|
| 80 |

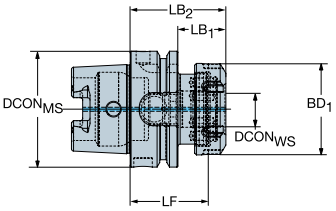
Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | LF [mm] | $LB_1$ [mm] | $LB_2$ [mm] | $LB_3$ [mm] | CNSC | CXSC | $BD_1$ [mm] | $BD_2$ [mm] | $BD_3$ [mm] | $BHTA_1$ [deg] | TQ [Nm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HT06-DR16-A036-080 | 63.00 | 16.00 | 80.00 | 2.0 | 54.0 | 80.0 | 1 | 1 | 32.0 | 36.0 | 63.0 | 45.0 | 10.0 | 20500 |
| HT06-DR20-A040-080 | 63.00 | 20.00 | 80.00 | 2.0 | 54.0 | 80.0 | 1 | 1 | 36.0 | 40.0 | 63.0 | 45.0 | 12.0 | 20500 |
| HT06-DR25-A045-090 | 63.00 | 25.00 | 90.00 | 2.0 | 64.0 | 90.0 | 1 | 1 | 41.0 | 45.0 | 63.0 | 45.0 | 20.0 | 20500 |
| HT06-DR32-A052-090 | 63.00 | 32.00 | 90.00 | 2.0 | 64.0 | 90.0 | 1 | 1 | 48.0 | 52.0 | 63.0 | 45.0 | 30.0 | 20500 |
| HT06-DR40-A065-110 | 63.00 | 40.00 | 110.00 | 2.0 | 110.0 | | 1 | 1 | 61.0 | 65.0 | | 45.0 | 40.0 | 20500 |
| HT08-DR20-A040-085 | 80.00 | 20.00 | 85.00 | 2.0 | 59.0 | 85.0 | 1 | 1 | 36.0 | 40.0 | 80.0 | 45.0 | 12.0 | 14000 |
| HT08-DR25-A045-090 | 80.00 | 25.00 | 90.00 | 2.0 | 64.0 | 90.0 | 1 | 1 | 41.0 | 45.0 | 80.0 | 45.0 | 20.0 | 14000 |
| HT08-DR32-A052-095 | 80.00 | 32.00 | 95.00 | 2.0 | 69.0 | 95.0 | 1 | 1 | 48.0 | 52.0 | 80.0 | 45.0 | 30.0 | 14000 |
| HT08-DR40-A065-110 | 80.00 | 40.00 | 110.00 | 2.0 | 84.0 | 110.0 | 1 | 1 | 61.0 | 65.0 | 80.0 | 45.0 | 40.0 | 14000 |
| HT10-DR16-A036-090 | 100.00 | 16.00 | 90.00 | 2.0 | 49.0 | 90.0 | 1 | 1 | 32.0 | 36.0 | 100.0 | 45.0 | 10.0 | 12500 |
| HT10-DR20-A040-090 | 100.00 | 20.00 | 90.00 | 2.0 | 49.0 | 90.0 | 1 | 1 | 36.0 | 40.0 | 100.0 | 45.0 | 12.0 | 12500 |
| HT10-DR25-A045-100 | 100.00 | 25.00 | 100.00 | 2.0 | 66.0 | 100.0 | 1 | 1 | 41.0 | 45.0 | 100.0 | 45.0 | 20.0 | 12500 |
| HT10-DR32-A052-100 | 100.00 | 32.00 | 100.00 | 2.0 | 66.0 | 100.0 | 1 | 1 | 48.0 | 52.0 | 100.0 | 45.0 | 30.0 | 12500 |
| HT10-DR40-A065-110 | 100.00 | 40.00 | 110.00 | 2.0 | 76.0 | 110.0 | 1 | 1 | 61.0 | 65.0 | 100.0 | 45.0 | 40.0 | 12500 |
| HT10-DR50-A075-120 | 100.00 | 50.00 | 120.00 | 2.0 | 86.0 | 120.0 | 1 | 1 | 71.0 | 75.0 | 100.0 | 45.0 | 45.0 | 12500 |

# Adaptor with HSK coupling to MDI

Machine side interface HSK A/C/T



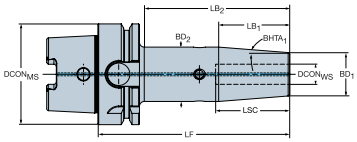

Common data values

| CP [bar] |
|---|
| 80 |

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | LF [mm] | $LB_1$ [mm] | $LB_2$ [mm] | CNSC | CXSC | $BD_1$ [mm] | $BD_2$ [mm] | TQ [Nm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|
| HT06-DM20-N-042A | 63.00 | 20.00 | 42.00 | 26.0 | 52.0 | 1 | 1 | 49.7 | 63.0 | 135.0 | 20000 |
| HT06-DM25-N-050A | 63.00 | 25.00 | 50.00 | 34.0 | 60.0 | 1 | 1 | 62.7 | 63.0 | 170.0 | 20000 |
| HT06-DM32-N-050A | 63.00 | 32.00 | 50.00 | 60.0 | | 1 | 1 | 67.7 | | 200.0 | 20000 |
| HT06-DM40-N-061A | 63.00 | 40.00 | 61.00 | 73.0 | | 1 | 1 | 79.7 | | 230.0 | 20500 |
| HT10-DM25-N-048A | 100.00 | 25.00 | 48.00 | 29.0 | 58.0 | 1 | 1 | 62.7 | 100.0 | 170.0 | 12500 |
| HT10-DM32-N-048A | 100.00 | 32.00 | 48.00 | 29.0 | 58.0 | 1 | 1 | 67.7 | 100.0 | 200.0 | 12500 |
| HT10-DM40-N-048A | 100.00 | 40.00 | 48.00 | 31.0 | 60.0 | 1 | 1 | 79.7 | 100.0 | 230.0 | 12500 |
| HT10-DM50-N-055A | 100.00 | 50.00 | 55.00 | 40.0 | 69.0 | 1 | 1 | 94.7 | 100.0 | 250.0 | 12500 |

# HSK to Shrink Fit chuck



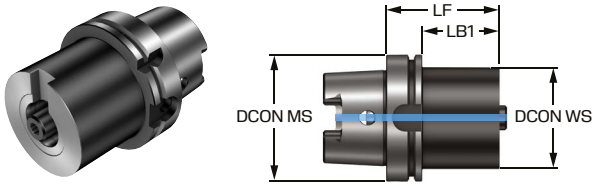

Common data values

| CP [bar] |
|---|
| 10 |

Metric (mm)

| | Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | LF [mm] | $LB_1$ [mm] | $LB_2$ [mm] | $LB_3$ [mm] | CNSC | CXSC | $BD_1$ [mm] | $BD_2$ [mm] | $BD_3$ [mm] | $BHTA_1$ [deg] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW | HA06-SH06Q-S-160 | 63.00 | 6.00 | 160.00 | 38.1 | 134.0 | 160.0 | 1 | 1 | 21.0 | 27.0 | 63.0 | 4.5 | 20500 |
| NEW | HA06-SH06Q-S-200 | 63.00 | 6.00 | 200.00 | 38.1 | 134.0 | 200.0 | 1 | 1 | 21.0 | 27.0 | 63.0 | 4.5 | 20500 |
| NEW | HA06-SH10Q-S-160 | 63.00 | 10.00 | 160.00 | 50.8 | 134.0 | 160.0 | 1 | 1 | 24.0 | 32.0 | 63.0 | 4.5 | 20500 |
| NEW | HA06-SH10Q-S-200 | 63.00 | 10.00 | 200.00 | 50.8 | 134.0 | 200.0 | 1 | 1 | 24.0 | 32.0 | 63.0 | 4.5 | 20500 |
| NEW | HA06-SH12Q-S-160 | 63.00 | 12.00 | 160.00 | 50.8 | 134.0 | 160.0 | 1 | 1 | 24.0 | 32.0 | 63.0 | 4.5 | 20500 |
| NEW | HA06-SH12Q-S-200 | 63.00 | 12.00 | 200.00 | 50.8 | 134.0 | 200.0 | 1 | 1 | 24.0 | 32.0 | 63.0 | 4.5 | 20500 |
| NEW | HA06-SH20Q-S-160 | 63.00 | 20.00 | 160.00 | 57.2 | 134.0 | 160.0 | 1 | 1 | 33.0 | 42.0 | 63.0 | 4.5 | 20500 |
| NEW | HA06-SH20Q-S-200 | 63.00 | 20.00 | 200.00 | 57.2 | 134.0 | 200.0 | 1 | 1 | 33.0 | 42.0 | 63.0 | 4.5 | 20500 |

# Adaptor with HSK coupling to VL

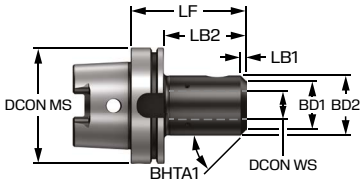


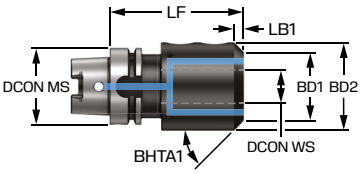

Metric (mm)

| Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | LF [mm] | $LB_1$ [mm] | $LB_2$ [mm] | CNSC | CXSC | $BD_1$ [mm] | $BD_2$ [mm] |
|---|---|---|---|---|---|---|---|---|---|
| HA10-VL80-080-090 | 100.00 | 80.00 | 90.00 | 61.0 | 90.0 | 1 | 1 | 80.0 | 100.0 |

# Adaptor with HSK coupling to Weldon

Machine side interface HSK A/C



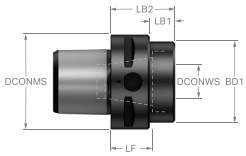



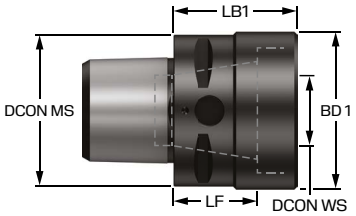

Common data values

| CP [lbf/in2] |
|---|
| 1160 |

| Ordering code | $DCON_{MS}$ [inch] | $DCON_{WS}$ [inch] | LF [inch] | $LB_1$ [inch] | $LB_2$ [inch] | $LB_3$ [inch] | CNSC | CXSC | $BD_1$ [inch] | $BD_2$ [inch] | $BD_3$ [inch] | $BHTA_1$ [deg] | TQ [ft] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| HA06-AWE06-B025-060 | 2.480 | 0.250 | 2.362 | 0.110 | 1.142 | 2.362 | 1 | 9 | 0.772 | 0.992 | 2.480 | 30.0 | 2.2 | 20500 |
| HA06-AWE09-B030-075 | 2.480 | 0.375 | 2.953 | 0.295 | 1.732 | 2.953 | 1 | 9 | 0.819 | 1.161 | 2.480 | 30.0 | 7.4 | 20500 |
| HA06-AWE12-B036-080 | 2.480 | 0.500 | 3.150 | 0.295 | 2.126 | 3.150 | 1 | 9 | 1.067 | 1.409 | 2.480 | 30.0 | 8.9 | 20500 |
| HA06-AWE15-B041-080 | 2.480 | 0.625 | 3.150 | 0.295 | 2.126 | 3.150 | 1 | 9 | 1.272 | 1.614 | 2.480 | 30.0 | 11.1 | 20500 |
| HA06-AWE19-B044-085 | 2.480 | 0.750 | 3.346 | 0.295 | 2.323 | 3.346 | 1 | 9 | 1.409 | 1.752 | 2.480 | 30.0 | 14.8 | 20500 |
| HA06-AWE25-B057-105 | 2.480 | 1.000 | 4.134 | 0.295 | 3.110 | 4.134 | 1 | 9 | 1.906 | 2.248 | 2.480 | 30.0 | 18.4 | 20500 |
| HA06-AWE31-B063-110 | 2.480 | 1.250 | 4.331 | 0.295 | 4.331 | | 1 | 9 | 2.138 | 2.480 | | 30.0 | 33.2 | 20500 |
| HA10-AWE06-B025-075 | 3.937 | 0.250 | 2.953 | 0.110 | 1.260 | 2.953 | 1 | 9 | 0.772 | 0.992 | 3.937 | 30.0 | 2.2 | 12500 |
| HA10-AWE09-B030-085 | 3.937 | 0.375 | 3.346 | 0.295 | 1.654 | 3.346 | 1 | 9 | 0.819 | 1.161 | 3.937 | 30.0 | 7.4 | 12500 |
| HA10-AWE12-B036-090 | 3.937 | 0.500 | 3.543 | 0.295 | 1.929 | 3.543 | 1 | 9 | 1.067 | 1.409 | 3.937 | 30.0 | 8.9 | 12500 |
| HA10-AWE15-B041-095 | 3.937 | 0.625 | 3.740 | 0.295 | 2.126 | 3.740 | 1 | 9 | 1.272 | 1.614 | 3.937 | 30.0 | 11.1 | 12500 |
| HA10-AWE19-B044-090 | 3.937 | 0.750 | 3.543 | 0.295 | 2.087 | 3.543 | 1 | 9 | 1.409 | 1.752 | 3.937 | 30.0 | 14.8 | 12500 |
| HA10-AWE25-B057-100 | 3.937 | 1.000 | 3.937 | 0.295 | 2.598 | 3.937 | 1 | 9 | 1.906 | 2.248 | 3.937 | 30.0 | 18.4 | 12500 |
| HA10-AWE31-B063-100 | 3.937 | 1.250 | 3.937 | 0.295 | 2.795 | 3.937 | 1 | 9 | 2.138 | 2.480 | 3.937 | 30.0 | 33.2 | 12500 |
| HA10-AWE38-B070-110 | 3.937 | 1.500 | 4.331 | 0.295 | 3.189 | 4.331 | 1 | 9 | 2.413 | 2.756 | 3.937 | 30.0 | 33.2 | 12500 |
| HA10-AWE50-B093-135 | 3.937 | 2.000 | 5.315 | 0.295 | 4.173 | 5.315 | 1 | 9 | 3.339 | 3.681 | 3.937 | 30.0 | 44.3 | 12500 |

# Adaptor with Coromant Capto® coupling to ER collet chuck

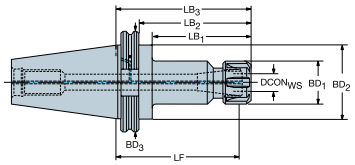



Metric (mm)

| | Ordering code | $DCON_{MS}$ [mm] | $DCON_{WS}$ [mm] | LF [mm] | $LB_1$ [mm] | $LB_2$ [mm] | CNSC | CXSC | $BD_1$ [mm] | $BD_2$ [mm] |
|---|---|---|---|---|---|---|---|---|---|---|
| NEW | C4-W-391.14-16026-A | 40.00 | 17.00 | 15.40 | 6.0 | 26.0 | 3 | 1 | 34.0 | 40.0 |
| NEW | C4-W-391.14-25035-A | 40.00 | 26.00 | 23.00 | 35.0 | | 3 | 1 | 43.0 | |
| | C5-W-391.14-25034-A | 50.00 | 26.00 | 22.00 | 13.0 | 34.0 | 3 | 1 | 43.0 | 50.0 |
| | C5-W-391.14-32041-A | 50.00 | 33.00 | 28.00 | 41.0 | | 3 | 1 | 52.0 | |

# Adaptor with BIG-PLUS CAT-V coupling to ER collet chuck




Common data values

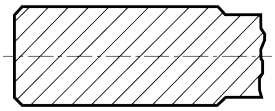
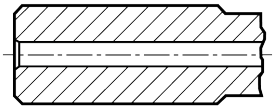
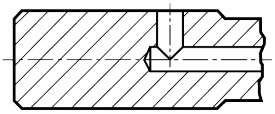
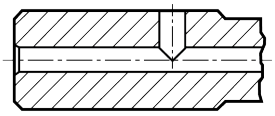
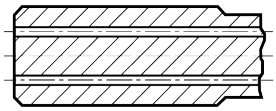
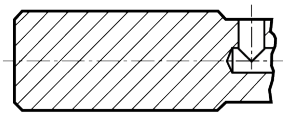
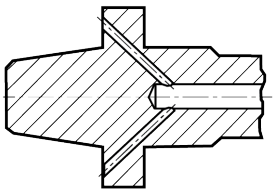
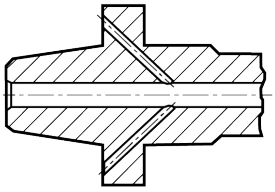
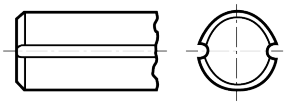
| CP [bar] |
|---|
| 80 |

Metric (mm)

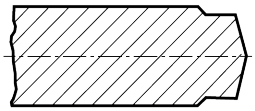
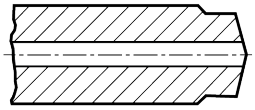
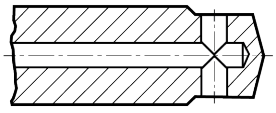
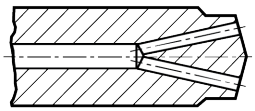
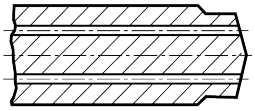
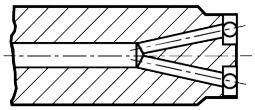
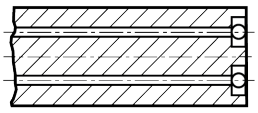
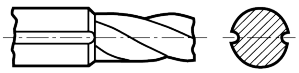
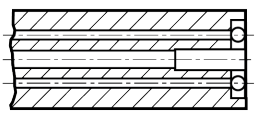
| Ordering code | $DCON_{WS}$ [mm] | LF [mm] | $LB_1$ [mm] | $LB_2$ [mm] | $LB_3$ [mm] | CNSC | CXSC | CRKS | $BD_1$ [mm] | $BD_2$ [mm] | $BD_3$ [mm] | RPMX [1/min] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A392.54514-4016067 | 17.00 | 56.40 | 29.0 | 47.0 | 67.0 | 7 | 1 | Inch 5/8”-11 | 28.0 | 44.5 | 63.5 | 18000 |
| A392.54514-4016105 | 17.00 | 94.40 | 64.0 | 85.0 | 105.0 | 7 | 1 | Inch 5/8”-11 | 28.0 | 44.5 | 63.5 | 18000 |
| A392.54514-4020070 | 21.00 | 58.50 | 31.0 | 50.0 | 70.0 | 7 | 1 | Inch 5/8”-11 | 34.0 | 44.5 | 63.5 | 18000 |
| A392.54514-4020105 | 21.00 | 93.50 | 66.0 | 85.0 | 105.0 | 7 | 1 | Inch 5/8”-11 | 34.0 | 44.5 | 63.5 | 18000 |
| A392.54514-4032079 | 33.00 | 66.00 | 59.0 | 79.0 | | 7 | 1 | Inch 5/8”-11 | 50.0 | 63.5 | | 18000 |
| A392.54514-4032105 | 33.00 | 92.00 | 85.0 | 105.0 | | 7 | 1 | Inch 5/8”-11 | 50.0 | 63.5 | | 18000 |
| A392.54514-5032105 | 33.00 | 92.00 | 63.0 | 85.0 | 105.0 | 7 | 1 | Inch 1”-8 | 50.0 | 69.8 | 98.4 | 12000 |
| A392.54514-5032156 | 33.00 | 143.00 | 114.0 | 136.0 | 156.0 | 7 | 1 | Inch 1”-8 | 50.0 | 69.8 | 98.4 | 12000 |

# Coolant supply information

### Coolant entry style code (CNSC)

| Code | Definition | Image |
|---|---|---|
| 0 | Without coolant entry |  |
| 1 | Axial concentric entry |  |
| 2 | Radial entry |  |
| 3 | Axial concentric and radial entry |  |
| 4 | Axial concentric entry on circle |  |
| 5 | Radial entry before adaptor |  |
| 6 | Decentral over flange |  |
| 7 | Decentral over flange and axial |  |
| 8 | Decentral over slots on the shank |  |

### Coolant exit style code (CXSC)

| Code | Definition | Image |
|---|---|---|
| 0 | No coolant exit |  |
| 1 | Axial concentric exit |  |
| 2 | Radial exit |  |
| 3 | Axial inclined exit |  |
| 4 | Axial concentric on circle |  |
| 5 | Axial inclined exit with nozzle, adjustable |  |
| 6 | Decentral exit with nozzles, adjustable |  |
| 7 | Axial inclined focused exit with nozzle |  |
| 8 | Axially concentric or off-center with nozzle, adjustable |  |

# Cutting tool parameters according to ISO 13399

All cutting tools are defined by a number of parameters according to the standard ISO 13399, such as depth of cut or cutting diameter. You find both the cutting tool parameter and its definition in this list.

| Parameter | Definition |
|---|---|
| ADINTMS | Adaptive interface machine direction |
| ADINTWS | Adaptive interface workpiece direction |
| AERMX | Working engagement ratio maximum |
| ALP | Axial clearance angle |
| AN | Clearance angle major |
| ANN | Clearance angle minor |
| APMX | Depth of cut maximum |
| AXGSUP | Axial groove support direction |
| AZ | Maximum plunge depth |
| B | Shank width |
| BAMS | Machine side body angle |
| BAWS | Workpiece side body angle |
| BBD | Balanced by design |
| BBR | Balanced by rotational test |
| BD | Body diameter |
| BHTA | Body half taper angle |
| BLMC | Balancing method code |
| BMC | Body material code |
| BN | Face land width |
| BS | Wiper edge length |
| BSG | Identifier for the standard defining the tool design |
| BSR | Wiper edge radius |
| CBMD | Chip breaker manufacturer's designation |
| CCC | Center cutting capability |
| CCONWS | Workpiece side connection count |
| CDX | Cutting depth maximum |
| CEDC | Cutting edge count |
| CGX | X-component for center of gravity location |
| CGY | Y-component for center of gravity location |
| CGZ | Z-component for center of gravity location |
| CHW | Corner chamfer width |
| CICT | Cutting item count |
| CND | Coolant entry diameter |
| CNSC | Coolant entry style code |
| CNT | Coolant entry thread size |
| COATING | Coating |
| CONARWS | Connection arrangement workpiece side |
| CP | Coolant pressure |
| CPDF | Cutting pitch differential |
| CRKS | Connection retention knob thread size |
| CTPT | Operation type |

| | |
|---|---|
| CUTDIA | Work piece parting diameter maximum |
| CUTINT_MASTER | Part two of two identifiers of cutting item interface |
| CUTINT_SIZESHAPE | Insert size and shape |
| CW | Cutting width |
| CWTOLL | Cutting width lower tolerance |
| CWTOLU | Cutting width upper tolerance |
| CXSC | Coolant exit style code |
| CXST | Coolant exit supply type |
| CZC | Connection size code |
| CZC MS | Connection size code machine side |
| CZC WS | Connection size code workpiece side |
| D1 | Fixing hole diameter |
| DAH | Diameter access hole |
| DAXIN | Axial groove inside diameter minimum |
| DAXN | Minimum axial groove outside diameter |
| DAXX | Maximum axial groove outside diameter |
| DBC | Diameter bolt circle |
| DC | Cutting diameter |
| DCB | Connection bore diameter |
| DCBN | Connection bore diameter minimum |
| DCBX | Connection bore diameter maximum |
| DCF | Cutting diameter face contact |
| DCN | Minimum cutting diameter |
| DCON | Connection diameter |
| DCONMS | Connection diameter machine side |
| DCONWS | Connection diameter workpiece side |
| DCP | Data chip pocket |
| DCPS | Data chip pocket size |
| DCSFMS | Contact surface diameter machine side |
| DCSFWS | Contact surface diameter workpiece side |
| DCTOLL | Lower cutting diameter tolerance |
| DCTOLU | Upper cutting diameter tolerance |
| DCX | Maximum cutting diameter |
| DFC | Functional diameter |
| DHUB | Hub diameter |
| DIX | Tool changer interference diameter maximum |
| DMIN | Minimum bore diameter |
| DMM | Shank diameter |
| DN | Neck diameter |
| DPC | Damping property |
| DSGN | Design |
| FHA | Flute helix angle |
| FLGT | Flange thickness |
| FTDZ | For thread diameter size |
| GAMF | Radial rake angle |
| GAMO | Orthogonal rake angle |
| GAMP | Axial rake angle |
| GAN | Insert rake angle |
| GB | Face land angle |
| GRADE | The brand name for grade |

| | |
|---|---|
| H | Shank height |
| HAND | Hand |
| HBL | Head bottom offset length |
| HDD | Head diameter |
| HEAD_TYPE | Type of head |
| HF | Functional height |
| HRY | Lowest point from reference plain |
| HTB | Body height |
| HTH | Height |
| HTY | Hole type |
| IC | Inscribed circle diameter |
| IEP | Interupted edge property |
| IFS | Insert mounting style code |
| INSL | Insert length |
| IZC | Insert size code |
| KAP | Kappa (z-axis rot) |
| KAPR | Tool cutting edge angle |
| KCH | Corner chamfer |
| KGRP_INT | Key grip interface |
| KGRPS | Size of driven part |
| KGRPTP | Geometrical characteristic driven part |
| KRINS | Major cutting edge angle |
| L | Cutting edge length |
| LAMS | Inclination angle |
| LB | Body length |
| LCF | Chip flute length |
| LE | Cutting edge effective length |
| LF | Functional length |
| LGR | Regrind length |
| LH | Head length |
| LIG | Insert gauge length |
| LOCAP | Location aid property |
| LPR | Protruding length |
| LS | Shank length |
| LSC | Clamping length |
| LSCN | Clamping length minimum |
| LSCX | Clamping length maximum |
| LSD | Dead shank length |
| LU | Usable length |
| MHD | Mounting hole distance |
| MIID | Master insert identification |
| MMCC | Code for preset torque |
| MMCX | Maximum cutting torque |
| MRAT | Main rotation angle of tool |
| MTP | Clamping type code |
| NOF | Flute count |
| NORGMX | Maximum regrinds |
| OAH | Overall height |
| OAL | Overall length |
| OAW | Overall width |

| | |
|---|---|
| OHN | Minimum overhang |
| OHX | Maximum overhang |
| PHD | Premachined hole diameter |
| PHDX | Maximum premachined hole diameter |
| PHT | Premachined hole type |
| PL | Point length |
| PRFRAD | Profile radius |
| PRSPC | Profile specification |
| PSIR | Tool lead angle |
| PSIRL | Major left hand cutting edge angle |
| PSIRR | Major right hand cutting edge angle |
| RADH | Radial body height |
| RADW | Radial body width |
| RE | Corner radius |
| REEQ | Corner radius equivalent |
| REL | Corner radius left |
| RER | Corner radius right |
| RETOLL | Corner radius lower tolerance |
| RETOLU | Corner radius upper tolerance |
| RIDOP | Reversed rotation direction output side |
| RMPX | Maximum ramping angle |
| RPMX | Rotational speed maximum |
| S | Insert thickness |
| SC | Insert shape code |
| SCREW_TYPE | Screw type |
| SDL | Step diameter length |
| SEAL | Sealing property |
| SEP | Sensor embedded property |
| SIG | Point angle |
| SPA | Sphere profile angle |
| SSC | Insert seat size code |
| STA | Step included angle |
| SUBSTRATE | Substrate |
| TA | Taper angle |
| TCDC | Tolerance class cutting diameter |
| TCDCON | Connection diameter tolerance |
| TCDMM | Shank diameter tolerance |
| TCHA | Achievable hole tolerance |
| TCL | Tap chamfer length |
| TCT | Tolerance class tool |
| TCTR | Thread tolerance class |
| TD | Thread diameter |
| TDZ | Thread diameter size |
| TFLA | Tap floating length ahead |
| TFLB | Tap floating length behind |
| TG | Taper gradient |
| THBTP | Thread back taper property |
| THCA | Thread helix correction angle |
| THCHT | Threading chamfer type |
| THDH | Thread hand |

| | |
|---|---|
| THFT | Form type |
| THL | Threading length |
| THLGTH | Thread length |
| THUB | Hub thickness |
| TP | Thread pitch |
| TPI | Threads per inch |
| TPIN | Threads per inch minimum |
| TPIX | Threads per inch maximum |
| TPN | Thread pitch minimum |
| TPX | Maximum thread pitch |
| TQ | Torque |
| TSYC | Tool style code |
| ULDR | Usable length diameter ratio |
| W1 | Insert width |
| WB | Body width |
| WEP | Wiper edge property |
| WF | Functional width |
| WSC | Clamping width |
| WT | Weight of item |
| XYPFEEDIR | XY-plane feed direction |
| ZEFF | Number of cutting edges that are effective on the face of a tool |
| ZEFP | Peripheral effective cutting edge count |
| ZWX | Maximum number of Wiper inserts |

# Embrace sustainability with our recycling and reconditioning programs

At Sandvik Coromant we are committed to sustainability and reducing our environmental footprint. Our recycling and reconditioning programs are designed to not only benefit the planet but also offer practical solutions for our customers and suppliers.

## Reconditioning program

Extend the life of your solid carbide tools with our reconditioning program. Why invest in new tools when you can save costs and resources by rejuvenating your existing ones? Our reconditioning service not only enhances tool longevity but also helps reduce waste in landfills. If you haven't already experienced the benefits of our reconditioning service, now is the time to give it a try and witness the difference firsthand.

Please check with your Sandvik contact for local reconditioning requirements.

## Recycling program

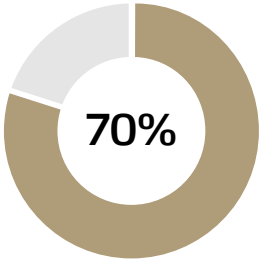
Join us in our mission to promote sustainability through our innovative recycling program. By participating in our buy-back program, you support a greener industry while enjoying a hassle-free experience. Our certified recycling process ensures minimal effort on your part, making it easy to contribute to a more sustainable future.

Choose Sandvik Coromant as your recycling partner and make a positive impact today.

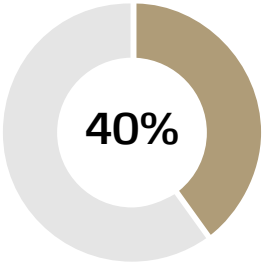
## Recycling: for the sake of the environment

**Environmental benefits**

With each reconditioning, you get consistent tool quality, while the cost drops dramatically.




Production from recycled materials cuts overall carbon dioxide emissions by 40 percent.




Find out more about our sustainability initiatives: **www.sandvik.coromant.com/services**