

# Supplement

## 24.1



SANDVIK  
Coromant

Turning  
Parting and grooving  
Milling  
Turning tool adaptors

## GENERAL TURNING

CoroTurn® Prime  
CoroTurn® TR  
CoroTurn® 107  
T-Max® P  
T-Max®

## PARTING AND GROOVING

CoroCut® 2  
CoroCut® QD  
CoroCut® XS

## MILLING

CoroMill® MR80  
CoroMill® 365  
CoroMill® MS60  
CoroMill® Plura ball nose

## TURNING TOOL ADAPTORS

CoroTurn®SL damped adaptor  
CoroTurn®SL quick change damped adaptor

## ACCESSORIES

Tool status checker for CoroTurn®SL

For complete assortment, see [www.sandvik.coromant.com](http://www.sandvik.coromant.com)

General turning

CoroTurn® Prime

|         |   |
|---------|---|
| Inserts | 3 |
|---------|---|

CoroTurn® TR

|              |    |
|--------------|----|
| Inserts      | 4  |
| Cutting unit | 27 |

CoroTurn® 107

|                 |    |
|-----------------|----|
| Inserts         | 5  |
| Cutting unit    | 35 |
| QS™ shank tools | 41 |

T-Max® P

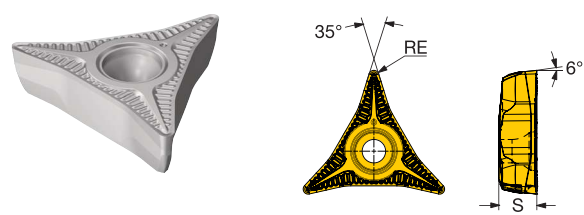
|                 |    |
|-----------------|----|
| Inserts         | 13 |
| Cutting unit    | 42 |
| QS™ shank tools | 47 |

T-Max®

|         |    |
|---------|----|
| Inserts | 26 |
|---------|----|

ENG

CoroTurn® Prime insert for turning



A-type insert

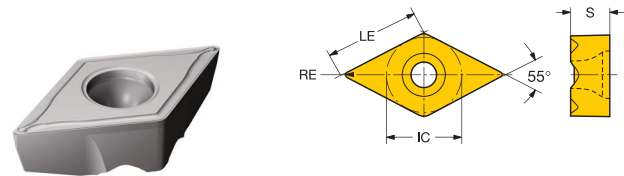
| Finishing | SSC  | S    | RE  | ISO CODE     | M | S |
|-----------|------|------|-----|--------------|---|---|
|           | CP-A | 6.00 | 0.8 | CP-A1108-L3  | ☆ | ☆ |
|           |      | 6.00 | 0.4 | CP-A1104-L5  | ☆ | ☆ |
|           |      | 6.00 | 0.8 | CP-A1108-L5  | ☆ | ☆ |
|           |      | 6.00 | 0.8 | CP-A1108-L5W | ☆ | ☆ |
|           |      |      |     |              |   |   |



B-type insert

| Medium | SSC       | S    | RE  | BS  | BSR  | ISO CODE      | M | S |
|--------|-----------|------|-----|-----|------|---------------|---|---|
|        | CP-B12..D | 6.00 | 0.8 |     |      | CP-B1208D-M5  | ☆ | ★ |
|        |           | 6.00 | 0.8 | 0.7 | 15.0 | CP-B1208D-M5W | ☆ | ★ |
|        |           | 6.00 | 0.8 |     |      | CP-B1208D-M7  | ☆ | ★ |
|        |           | 6.00 | 1.6 |     |      | CP-B1216D-M7  | ☆ | ★ |
|        |           | 6.00 | 0.8 |     |      | CP-B1208D-M7W | ☆ | ★ |

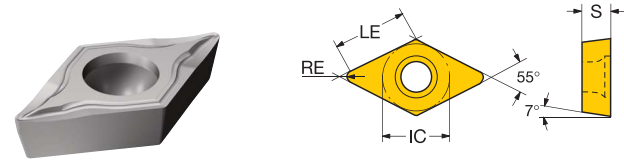
CoroTurn® TR insert for turning



|           |   |                                                                                   |      |      |      | P           | M    | S    |
|-----------|---|-----------------------------------------------------------------------------------|------|------|------|-------------|------|------|
|           |   |                                                                                   |      |      |      | 1205        | 1205 | 1205 |
| Finishing | F |  | LE   | S    | RE   | ISO CODE    |      |      |
|           |   | 13                                                                                | 12.6 | 5.53 | 0.40 | TR-DC1304-F | ☆    | ☆★   |
|           |   | .496                                                                              | .218 | .016 |      |             |      |      |
|           |   | 12.2                                                                              | 5.53 | 0.79 |      | TR-DC1308-F | ☆    | ☆★   |
|           |   | .480                                                                              | .218 | .031 |      |             |      |      |
|           |   | 12.6                                                                              | 4.53 | 0.40 |      | TR-VB1304-F | ☆    | ☆★   |
|           |   | .496                                                                              | .178 | .016 |      |             |      |      |
|           |   | 12.2                                                                              | 4.53 | 0.79 |      | TR-VB1308-F | ☆    | ☆★   |
|           |   | .480                                                                              | .178 | .031 |      |             |      |      |



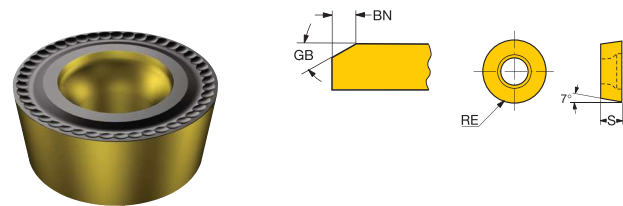
CoroTurn® 107 insert for turning  
D-style insert (Rhombic 55°)



|           |     |    |     |      |      | ISO CODE | P    | M    | S    |
|-----------|-----|----|-----|------|------|----------|------|------|------|
|           |     |    |     |      |      |          | 1205 | 1205 | 1205 |
| Finishing | MF  | 07 | 1/4 | 7.6  | 2.38 | 0.20     | ☆    | ☆    | ★    |
|           |     |    |     | .297 | .094 | .008     |      |      |      |
|           |     |    |     | 7.4  | 2.38 | 0.40     | ☆    | ☆    | ★    |
|           |     |    |     | .289 | .094 | .016     |      |      |      |
|           |     | 11 | 3/8 | 11.4 | 3.97 | 0.20     | ☆    | ☆    | ★    |
|           |     |    |     | .450 | .156 | .008     |      |      |      |
|           |     |    |     | 11.2 | 3.97 | 0.40     | ☆    | ☆    | ★    |
|           |     |    |     | .442 | .156 | .016     |      |      |      |
|           |     |    |     | 10.8 | 3.97 | 0.79     | ☆    | ☆    | ★    |
|           |     |    |     | .426 | .156 | .031     |      |      |      |
|           |     |    |     | 11.2 | 3.97 | 0.40     |      |      | ★    |
|           |     |    |     | .442 | .156 | .016     |      |      |      |
| Medium    | SMC |    |     | 10.8 | 3.97 | 0.79     |      |      | ★    |
|           |     |    |     | .426 | .156 | .031     |      |      |      |
|           |     |    |     | 10.4 | 3.97 | 1.19     |      |      | ★    |
|           |     |    |     | .411 | .156 | .047     |      |      |      |
|           | MM  | 07 | 1/4 | 7.4  | 2.38 | 0.40     | ☆    | ☆    | ★    |
|           |     |    |     | .289 | .094 | .016     |      |      |      |
|           |     |    |     | 7.0  | 2.38 | 0.79     | ☆    | ☆    | ★    |
|           |     |    |     | .274 | .094 | .031     |      |      |      |
|           |     | 11 | 3/8 | 11.2 | 3.97 | 0.40     | ☆    | ☆    | ★    |
|           |     |    |     | .442 | .156 | .016     |      |      |      |
|           |     |    |     | 10.8 | 3.97 | 0.79     | ☆    | ☆    | ★    |
|           |     |    |     | .426 | .156 | .031     |      |      |      |
|           | UM  | 07 | 1/4 | 7.7  | 2.38 | 0.10     | ☆    | ☆    | ★    |
|           |     |    |     | .301 | .094 | .004     |      |      |      |
|           |     |    |     | 7.6  | 2.38 | 0.20     | ☆    | ☆    | ★    |
|           |     |    |     | .297 | .094 | .008     |      |      |      |
|           |     |    |     | 7.4  | 2.38 | 0.40     | ☆    | ☆    | ★    |
|           |     |    |     | .289 | .094 | .016     |      |      |      |
|           |     |    |     | 7.0  | 2.38 | 0.79     | ☆    | ☆    | ★    |
|           |     |    |     | .274 | .094 | .031     |      |      |      |
|           |     | 11 | 3/8 | 11.5 | 3.97 | 0.10     | ☆    | ☆    | ★    |
|           |     |    |     | .454 | .156 | .004     |      |      |      |
|           |     |    |     | 11.2 | 3.97 | 0.40     | ☆    | ☆    | ★    |
|           |     |    |     | .442 | .156 | .016     |      |      |      |
|           |     |    |     | 10.8 | 3.97 | 0.79     | ☆    | ☆    | ★    |
|           |     |    |     | .426 | .156 | .031     |      |      |      |
|           |     | 07 | 1/4 | 7.6  | 2.38 | 0.20     |      | ☆    | ★    |
|           |     |    |     | .297 | .094 | .008     |      |      |      |
|           |     |    |     | 7.4  | 2.38 | 0.40     |      | ☆    | ★    |
|           |     |    |     | .289 | .094 | .016     |      |      |      |
|           | AL  | 11 | 3/8 | 11.4 | 3.97 | 0.20     |      | ☆    | ★    |
|           |     |    |     | .450 | .156 | .008     |      |      |      |
|           |     |    |     | 11.2 | 3.97 | 0.40     |      | ☆    | ★    |
|           |     |    |     | .442 | .156 | .016     |      |      |      |
|           |     |    |     | 10.8 | 3.97 | 0.79     |      | ☆    | ★    |
|           |     |    |     | .426 | .156 | .031     |      |      |      |
|           |     | 11 | 3/8 | 11.4 | 3.97 | 0.20     | ☆    | ☆    | ★    |
|           |     |    |     | .450 | .156 | .008     |      |      |      |
|           | UM  | 07 | 1/4 | 7.7  | 2.38 | 0.05     | ☆    | ☆    | ★    |
|           |     |    |     | .303 | .094 | .002     |      |      |      |
|           |     |    |     | 7.7  | 2.38 | 0.10     | ☆    | ☆    | ★    |
|           |     |    |     | .301 | .094 | .004     |      |      |      |
|           |     | 11 | 3/8 | 11.5 | 3.97 | 0.10     | ☆    | ☆    | ★    |
|           |     |    |     | .454 | .156 | .004     |      |      |      |
|           |     |    |     | 11.4 | 3.97 | 0.20     | ☆    | ☆    | ★    |
|           |     |    |     | .450 | .156 | .008     |      |      |      |
|           |     |    |     | 11.2 | 3.97 | 0.40     | ☆    | ☆    | ★    |
|           |     |    |     | .442 | .156 | .016     |      |      |      |

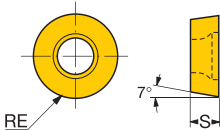
# CoroTurn® 107 insert for turning

R-style insert (Round)



|        |    |  |      |      |       |     |          |               |      | P | K |
|--------|----|-----------------------------------------------------------------------------------|------|------|-------|-----|----------|---------------|------|---|---|
|        |    | BN                                                                                | GB   | RE   | S     |     | ISO CODE | 4415          | 4415 |   |   |
| Medium | M0 | 20                                                                                | .787 | 6.35 | 10.00 | 15° | 0.15     | RCMT 20 06 M0 | ★    | ★ |   |
|        |    |                                                                                   |      | .250 | .394  | 15° | .006     |               |      |   |   |
|        |    | 25                                                                                | .984 | 7.94 | 12.50 | 15° | 0.20     | RCMT 25 07 M0 | ★    | ★ |   |
|        |    |                                                                                   |      | .313 | .492  | 15° | .008     |               |      |   |   |
|        | 00 | 19                                                                                | 3/4  | 6.35 | 9.53  | 15° | 0.15     | RCMT 19 06 00 | ★    | ★ |   |
|        |    |                                                                                   |      | .250 | .375  | 15° | .006     |               |      |   |   |
|        |    |                                                                                   |      |      |       |     |          |               |      |   |   |

CoroTurn® 107 insert for turning  
R-style insert (Round)

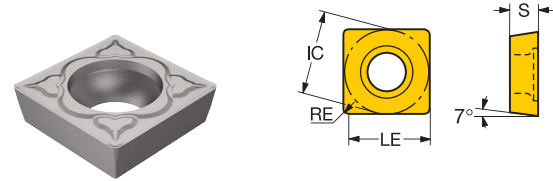


|           |    |  |      |      |      | ISO CODE         | P                | M | S |   |
|-----------|----|-----------------------------------------------------------------------------------|------|------|------|------------------|------------------|---|---|---|
|           |    | S                                                                                 | RE   | GB   | BN   |                  |                  |   |   |   |
| Finishing | L3 | 08                                                                                | .315 | 3.18 | 4.00 | RCMT 08 03 MP-L3 | ☆                | ☆ | ★ |   |
|           |    |                                                                                   | .125 | .157 |      |                  |                  |   |   |   |
|           |    | 10                                                                                | .394 | 3.97 | 5.00 | RCMT 10 T3 MP-L3 | ☆                | ☆ | ★ |   |
|           |    |                                                                                   | .156 | .197 |      |                  |                  |   |   |   |
|           |    | 12                                                                                | .472 | 4.76 | 6.00 | RCMT 12 04 MP-L3 | ☆                | ☆ | ★ |   |
| Medium    | M3 |                                                                                   | .188 | .236 |      |                  |                  |   |   |   |
|           |    | 16                                                                                | .630 | 6.35 | 8.00 | RCMT 16 06 MP-L3 | ☆                | ☆ | ★ |   |
|           |    |                                                                                   | .250 | .315 |      |                  |                  |   |   |   |
|           |    | 08                                                                                | .315 | 3.18 | 4.00 | RCMT 08 03 MP-M3 | ☆                | ☆ | ★ |   |
|           |    |                                                                                   | .125 | .157 |      |                  |                  |   |   |   |
|           | M0 | 10                                                                                | .394 | 3.97 | 5.00 | RCMT 10 T3 MP-M3 | ☆                | ☆ | ★ |   |
|           |    |                                                                                   | .156 | .197 |      |                  |                  |   |   |   |
|           |    | 12                                                                                | .472 | 4.76 | 6.00 | RCMT 12 04 MP-M3 | ☆                | ☆ | ★ |   |
|           |    |                                                                                   | .188 | .236 |      |                  |                  |   |   |   |
|           |    | 16                                                                                | .630 | 6.35 | 8.00 | RCMT 16 06 MP-M3 | ☆                | ☆ | ★ |   |
|           | SM |                                                                                   | .250 | .315 |      |                  |                  |   |   |   |
|           |    | 05                                                                                | .197 | 2.38 | 2.50 | 0.10             | RCMT 05 02 M0    | ☆ | ☆ | ☆ |
|           |    |                                                                                   | .094 | .098 | .004 |                  |                  |   |   |   |
|           |    | 06                                                                                | .236 | 2.38 | 3.00 | 0.10             | RCMT 06 02 M0    | ☆ | ☆ | ★ |
|           |    |                                                                                   | .094 | .118 | .004 |                  |                  |   |   |   |
|           |    | 06                                                                                | 1/4  | 3.18 | 3.18 |                  | RCMT 06 03 00-SM |   | ☆ | ★ |
|           |    |                                                                                   | .125 | .125 |      |                  |                  |   |   |   |
|           |    | 08                                                                                | .315 | 3.18 | 4.00 |                  | RCMT 08 03 M0-SM | ☆ | ☆ | ★ |
|           |    |                                                                                   | .125 | .157 |      |                  |                  |   |   |   |
|           |    | 09                                                                                | 3/8  | 3.97 | 4.76 | 0.10             | RCMT 09 T3 00-SM |   | ☆ | ★ |
|           | AL |                                                                                   | .156 | .188 | .004 |                  |                  |   |   |   |
|           |    | 10                                                                                | .394 | 3.97 | 5.00 | 0.10             | RCMT 10 T3 M0-SM | ☆ | ☆ | ★ |
|           |    |                                                                                   | .156 | .197 | .004 |                  |                  |   |   |   |
|           |    | 12                                                                                | .472 | 4.76 | 6.00 | 0.10             | RCMT 12 04 M0-SM | ☆ | ☆ | ★ |
|           |    |                                                                                   | .188 | .236 | .004 |                  |                  |   |   |   |
|           |    | 1/2                                                                               | 4.76 | 6.35 | 0.10 | RCMT 12 04 00-SM | ☆                | ☆ | ★ | ☆ |
|           |    |                                                                                   | .188 | .250 | .004 |                  |                  |   |   |   |
| Roughing  | H7 | 16                                                                                | .630 | 6.35 | 8.00 | 0.10             | RCMT 16 06 M0-SM | ☆ | ☆ | ★ |
|           |    |                                                                                   | .250 | .315 | .004 |                  |                  |   |   |   |
|           |    | 10                                                                                | .394 | 3.97 | 5.00 |                  | RCGX 10 T3 M0-AL | ☆ | ☆ | ★ |
|           |    |                                                                                   | .156 | .197 |      |                  |                  |   |   |   |
|           |    | 12                                                                                | .472 | 4.76 | 6.00 |                  | RCGX 12 04 M0-AL | ☆ | ☆ | ★ |
|           |    |                                                                                   | .188 | .236 |      |                  |                  |   |   |   |
|           |    | 08                                                                                | .315 | 3.18 | 4.00 |                  | RCMT 08 03 MP-H7 | ☆ | ☆ | ★ |
|           |    |                                                                                   | .125 | .157 |      |                  |                  |   |   |   |
|           |    | 10                                                                                | .394 | 3.97 | 5.00 |                  | RCMT 10 T3 MP-H7 | ☆ | ☆ | ★ |
|           |    |                                                                                   | .156 | .197 |      |                  |                  |   |   |   |
|           |    | 12                                                                                | .472 | 4.76 | 6.00 |                  | RCMT 12 04 MP-H7 | ☆ | ☆ | ★ |
|           |    |                                                                                   | .188 | .236 |      |                  |                  |   |   |   |
|           |    | 16                                                                                | .630 | 6.35 | 8.00 |                  | RCMT 16 06 MP-H7 | ☆ | ☆ | ★ |
|           |    |                                                                                   | .250 | .315 |      |                  |                  |   |   |   |

ENG

# CoroTurn® 107 insert for turning

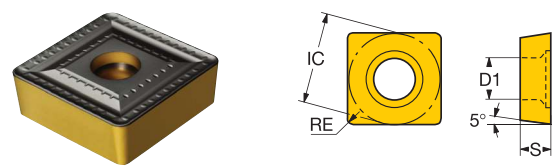
S-style insert (Square)



|        |     |                                                                                   |                                                                                   |      |      |      | ISO CODE          |      |      |      |   |
|--------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|------|------|-------------------|------|------|------|---|
|        |     |  |  | LE   | S    | RE   |                   | P    | M    | S    |   |
| Medium | SMC | 09                                                                                | 3/8                                                                               | 9.1  | 3.97 | 0.40 | SCMT 09 T3 04-SMC | 1205 | 1205 | 1205 | ★ |
|        |     |                                                                                   |                                                                                   | .359 | .156 | .016 |                   |      |      |      |   |
|        |     |                                                                                   |                                                                                   | 8.7  | 3.97 | 0.79 | SCMT 09 T3 08-SMC |      |      |      | ★ |
|        |     |                                                                                   |                                                                                   | .344 | .156 | .031 |                   |      |      |      |   |
|        | MM  | 09                                                                                | 3/8                                                                               | 9.1  | 3.97 | 0.40 | SCMT 09 T3 04-MM  | ☆    | ☆    | ★    |   |
|        |     |                                                                                   |                                                                                   | .359 | .156 | .016 |                   |      |      |      |   |
|        |     |                                                                                   |                                                                                   | 8.7  | 3.97 | 0.79 | SCMT 09 T3 08-MM  | ☆    | ☆    | ★    |   |
|        |     |                                                                                   |                                                                                   | .344 | .156 | .031 |                   |      |      |      |   |

CoroTurn® 107 insert for turning

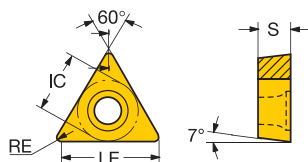
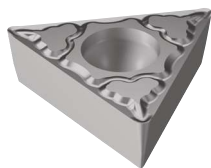
S-style insert (Square)



| Roughing | XH | <div><div><div></div><div></div></div><div>IC</div><div>LE</div><div>S</div><div>RE</div></div> |       |       |       |      | ISO CODE         |  | P    | K    |
|----------|----|-------------------------------------------------------------------------------------------------|-------|-------|-------|------|------------------|--|------|------|
|          |    | 38                                                                                              | 1 1/2 | 34.9  | 12.70 | 3.18 | SBMT 38 12 32-XH |  | 4415 | 4415 |
|          |    |                                                                                                 |       | 1.374 | .500  | .125 |                  |  | ★    | ★    |
|          |    |                                                                                                 |       |       |       |      |                  |  |      |      |

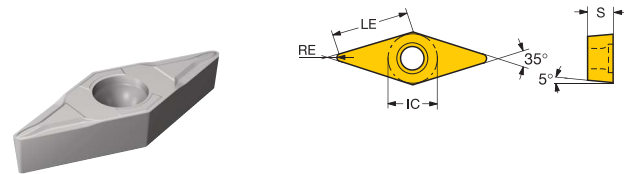
# CoroTurn® 107 insert for turning

T-style insert (Triangular)



|           |    |  | LE   | S    | RE               | ISO CODE         | P                 | M    | S                |                  |   |   |   |
|-----------|----|-----------------------------------------------------------------------------------|------|------|------------------|------------------|-------------------|------|------------------|------------------|---|---|---|
|           |    |                                                                                   |      |      |                  |                  | 1205              | 1205 | 1205             |                  |   |   |   |
| Finishing | MF | 06                                                                                | 5/32 | 6.4  | 1.98             | 0.20             | TCMT 06 T1 02-MF  | ☆    | ☆                | ★                |   |   |   |
|           |    |                                                                                   |      | .253 | .078             | .008             |                   |      |                  |                  |   |   |   |
|           |    |                                                                                   |      | 6.2  | 1.98             | 0.40             | TCMT 06 T1 04-MF  | ☆    | ☆                | ★                |   |   |   |
|           |    |                                                                                   |      | .245 | .078             | .016             |                   |      |                  |                  |   |   |   |
|           |    | 5.8                                                                               | 1.98 | 0.79 | TCMT 06 T1 08-MF | ☆                | ☆                 | ★    |                  |                  |   |   |   |
|           |    |                                                                                   |      |      | .229             | .078             | .031              |      |                  |                  |   |   |   |
|           |    |                                                                                   |      |      | 09               | 7/32             | 9.2               | 2.38 | 0.20             | TCMT 09 02 02-MF | ☆ | ☆ | ★ |
|           |    |                                                                                   |      |      |                  |                  | .361              | .094 | .008             |                  |   |   |   |
|           |    | 9.0                                                                               | 2.38 | 0.40 |                  |                  | TCMT 09 02 04-MF  | ☆    | ☆                | ★                |   |   |   |
|           |    | .353                                                                              | .094 | .016 |                  |                  |                   |      |                  |                  |   |   |   |
|           |    | 11                                                                                | 1/4  | 10.5 | 3.18             | 0.20             | TCMT 11 03 02-MF  | ☆    | ☆                | ★                |   |   |   |
|           |    |                                                                                   |      | .415 | .125             | .008             |                   |      |                  |                  |   |   |   |
|           |    |                                                                                   |      | 10.3 | 3.18             | 0.40             | TCMT 11 03 04-MF  | ☆    | ☆                | ★                |   |   |   |
|           |    |                                                                                   |      | .407 | .125             | .016             |                   |      |                  |                  |   |   |   |
|           | F  | 05                                                                                | 1/8  | 5.6  | 1.40             | 0.02             | TCEX05 01 00L-F   | ☆    | ☆                | ★                |   |   |   |
|           |    |                                                                                   |      | .219 | .055             | .001             |                   |      |                  |                  |   |   |   |
|           |    |                                                                                   |      | 5.5  | 1.40             | 0.10             | TCEX05 01 01R/L-F | ☆    | ☆                | ★                |   |   |   |
|           |    |                                                                                   |      | .215 | .055             | .004             |                   |      |                  |                  |   |   |   |
|           |    | 06                                                                                | 5/32 | 6.5  | 1.98             | 0.10             | TCEX06 T1 01L-F   | ☆    | ☆                | ★                |   |   |   |
|           |    |                                                                                   |      | .257 | .078             | .004             |                   |      |                  |                  |   |   |   |
|           |    |                                                                                   |      | 6.4  | 1.98             | 0.20             | TCEX06 T1 02L-F   | ☆    | ☆                | ★                |   |   |   |
|           |    |                                                                                   |      | .253 | .078             | .008             |                   |      |                  |                  |   |   |   |
|           |    | 09                                                                                | 7/32 | 9.2  | 2.38             | 0.20             | TCEX09 02 02L-F   | ☆    | ☆                | ★                |   |   |   |
|           |    |                                                                                   |      | .361 | .094             | .008             |                   |      |                  |                  |   |   |   |
|           |    |                                                                                   |      | 11   | 1/4              | 10.6             | 3.18              | 0.10 | TCEX11 03 01L-F  | ☆                | ☆ | ★ |   |
|           |    |                                                                                   |      |      |                  | .419             | .125              | .004 |                  |                  |   |   |   |
| Medium    | MM | 09                                                                                | 7/32 |      |                  | 9.0              | 2.38              | 0.40 | TCMT 09 02 04-MM | ☆                | ☆ | ★ |   |
|           |    |                                                                                   |      |      |                  | .353             | .094              | .016 |                  |                  |   |   |   |
|           |    |                                                                                   |      | 8.6  | 2.38             | 0.79             | TCMT 09 02 08-MM  | ☆    | ☆                | ★                |   |   |   |
|           |    |                                                                                   |      | .337 | .094             | .031             |                   |      |                  |                  |   |   |   |
|           |    | 11                                                                                | 1/4  | 10.3 | 3.18             | 0.40             | TCMT 11 03 04-MM  | ☆    | ☆                | ★                |   |   |   |
|           |    |                                                                                   |      | .407 | .125             | .016             |                   |      |                  |                  |   |   |   |
|           |    |                                                                                   |      | 9.9  | 3.18             | 0.79             | TCMT 11 03 08-MM  | ☆    | ☆                | ★                |   |   |   |
|           |    |                                                                                   |      | .391 | .125             | .031             |                   |      |                  |                  |   |   |   |
|           |    | 16                                                                                | 3/8  | 16.1 | 3.97             | 0.40             | TCMT 16 T3 04-MM  | ☆    | ☆                | ★                |   |   |   |
|           |    |                                                                                   |      | .634 | .156             | .016             |                   |      |                  |                  |   |   |   |
|           |    |                                                                                   |      | 15.7 | 3.97             | 0.79             | TCMT 16 T3 08-MM  | ☆    | ☆                | ★                |   |   |   |
|           |    |                                                                                   |      | .618 | .156             | .031             |                   |      |                  |                  |   |   |   |
| UM        | 16 | 3/8                                                                               | 16.1 | 3.97 | 0.40             | TCGT 16 T3 04-UM | ☆                 | ☆    | ★                |                  |   |   |   |
|           |    |                                                                                   | .634 | .156 | .016             |                  |                   |      |                  |                  |   |   |   |
|           |    |                                                                                   | 15.7 | 3.97 | 0.79             | TCGT 16 T3 08-UM | ☆                 | ☆    | ★                |                  |   |   |   |
|           |    |                                                                                   | .618 | .156 | .031             |                  |                   |      |                  |                  |   |   |   |

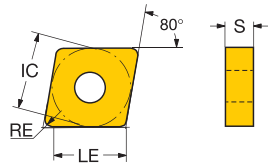
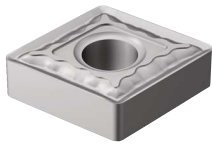
CoroTurn® 107 insert for turning  
V-style insert (Rhombic 35°)



|           |     |  |  | LE   | S    | RE               | ISO CODE          | P    | M    | S    |      |
|-----------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|------|------------------|-------------------|------|------|------|------|
|           |     |                                                                                   |                                                                                   |      |      |                  |                   | 1205 | 1205 | 1205 | 1210 |
| Finishing | MF  | 11                                                                                | 1/4                                                                               | 10.9 | 3.18 | 0.20             | VBMT 11 03 02-MF  | ☆    | ☆    | ★    |      |
|           |     |                                                                                   |                                                                                   | .428 | .125 | .008             |                   |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 10.7 | 3.18 | 0.40             | VBMT 11 03 04-MF  | ☆    | ☆    | ★    |      |
|           |     |                                                                                   |                                                                                   | .420 | .125 | .016             |                   |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 10.3 | 3.18 | 0.79             | VBMT 11 03 08-MF  | ☆    | ☆    | ★    |      |
|           |     |                                                                                   |                                                                                   | .404 | .125 | .031             |                   |      |      |      |      |
|           |     | 16                                                                                | 3/8                                                                               | 16.4 | 4.76 | 0.20             | VBMT 16 04 02-MF  | ☆    | ☆    | ★    |      |
|           |     |                                                                                   |                                                                                   | .646 | .188 | .008             |                   |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 16.2 | 4.76 | 0.40             | VBMT 16 04 04-MF  | ☆    | ☆    | ★    |      |
|           |     |                                                                                   |                                                                                   | .638 | .188 | .016             |                   |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 15.8 | 4.76 | 0.79             | VBMT 16 04 08-MF  | ☆    | ☆    | ★    |      |
|           |     |                                                                                   |                                                                                   | .622 | .188 | .031             |                   |      |      |      |      |
|           | F   | 11                                                                                | 1/4                                                                               | 11.1 | 3.18 | 0.02             | VCEX11 03 00R/L-F | ☆    | ☆    | ★    |      |
|           |     |                                                                                   |                                                                                   | .436 | .125 | .001             |                   |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 11.0 | 3.18 | 0.10             | VCEX11 03 01R/L-F | ☆    | ☆    | ★    |      |
|           |     |                                                                                   |                                                                                   | .432 | .125 | .004             |                   |      |      |      |      |
| Medium    | SMC | 16                                                                                | 3/8                                                                               | 16.2 | 4.76 | 0.40             | VBMT 16 04 04-SMC |      |      |      | ★    |
|           |     |                                                                                   |                                                                                   | .638 | .188 | .016             |                   |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 15.8 | 4.76 | 0.79             | VBMT 16 04 08-SMC |      |      |      | ★    |
|           |     |                                                                                   |                                                                                   | .622 | .188 | .031             |                   |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 15.4 | 4.76 | 1.19             | VBMT 16 04 12-SMC |      |      |      | ★    |
|           |     |                                                                                   |                                                                                   | .607 | .188 | .047             |                   |      |      |      |      |
|           | MM  | 16                                                                                | 3/8                                                                               | 16.2 | 4.76 | 0.40             | VBMT 16 04 04-MM  | ☆    | ☆    | ★    |      |
|           |     |                                                                                   |                                                                                   | .638 | .188 | .016             |                   |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 15.8 | 4.76 | 0.79             | VBMT 16 04 08-MM  | ☆    | ☆    | ★    |      |
|           |     |                                                                                   |                                                                                   | .622 | .188 | .031             |                   |      |      |      |      |
|           | UM  | 16                                                                                | 3/8                                                                               | 16.5 | 4.76 | 0.10             | VBGT 16 04 01-UM  | ☆    | ☆    | ★    |      |
|           |     |                                                                                   |                                                                                   | .650 | .188 | .004             |                   |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 16.4 | 4.76 | 0.20             | VBGT 16 04 02-UM  | ☆    | ☆    | ★    |      |
|           |     |                                                                                   |                                                                                   | .646 | .188 | .008             |                   |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 16.2 | 4.76 | 0.40             | VBGT 16 04 04-UM  | ☆    | ☆    | ★    |      |
|           |     |                                                                                   |                                                                                   | .638 | .188 | .016             |                   |      |      |      |      |
|           |     |                                                                                   | 15.8                                                                              | 4.76 | 0.79 | VBGT 16 04 08-UM | ☆                 | ☆    | ★    |      |      |
|           |     |                                                                                   | .622                                                                              | .188 | .031 |                  |                   |      |      |      |      |
|           | AL  | 11                                                                                | 1/4                                                                               | 10.7 | 3.18 | 0.40             | VCGX11 03 04-AL   |      | ☆    | ★    |      |
|           |     |                                                                                   |                                                                                   | .420 | .125 | .016             |                   |      |      |      |      |
|           |     | 16                                                                                | 3/8                                                                               | 16.2 | 4.76 | 0.40             | VCGX16 04 04-AL   |      | ☆    | ★    |      |
|           |     |                                                                                   |                                                                                   | .638 | .188 | .016             |                   |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 15.8 | 4.76 | 0.79             | VCGX16 04 08-AL   |      | ☆    | ★    |      |
|           |     |                                                                                   | .622                                                                              | .188 | .031 |                  |                   |      |      |      |      |
| UM        | 11  | 1/4                                                                               | 11.0                                                                              | 3.18 | 0.10 | VCET11 03 01-UM  | ☆                 | ☆    | ★    |      |      |
|           |     |                                                                                   | .432                                                                              | .125 | .004 |                  |                   |      |      |      |      |
|           |     |                                                                                   | 10.9                                                                              | 3.18 | 0.20 | VCET11 03 02-UM  | ☆                 | ☆    | ★    |      |      |
|           |     |                                                                                   | .428                                                                              | .125 | .008 |                  |                   |      |      |      |      |
|           |     |                                                                                   |                                                                                   |      |      |                  |                   |      |      |      |      |

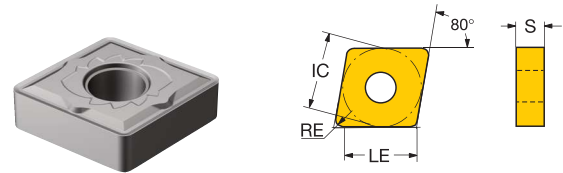
# T-Max® P insert for turning

C-style insert (Rhombic 80°)



|           |     |  |  |  |              |                   | P                 | M                 | S                 |                   |   |   |   |   |  |
|-----------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|---|---|---|---|--|
|           |     | LE                                                                                | S                                                                                 | RE                                                                                | ISO CODE     |                   | 1205              | 1205<br>1210      | 1205<br>1210      |                   |   |   |   |   |  |
| Finishing | MF  | 12                                                                                | 1/2                                                                               | 12.5<br>.492                                                                      | 4.76<br>.188 | 0.40<br>.016      | CNMG 12 04 04-MF  | ☆                 | ☆                 | ★                 |   |   |   |   |  |
|           |     |                                                                                   |                                                                                   | 12.1<br>.476                                                                      | 4.76<br>.188 | 0.79<br>.031      | CNMG 12 04 08-MF  | ☆                 | ☆                 | ★                 |   |   |   |   |  |
|           |     |                                                                                   |                                                                                   | 11.7<br>.460                                                                      | 4.76<br>.188 | 1.19<br>.047      | CNMG 12 04 12-MF  | ☆                 | ☆                 | ★                 |   |   |   |   |  |
|           |     | SGF                                                                               | 12                                                                                | 1/2                                                                               | 12.8<br>.503 | 4.76<br>.188      | 0.10<br>.004      | CNGG 12 04 01-SGF |                   | ☆                 | ★ |   |   |   |  |
|           |     |                                                                                   |                                                                                   |                                                                                   | 12.7<br>.498 | 4.76<br>.188      | 0.20<br>.008      | CNGG 12 04 02-SGF |                   | ☆                 | ★ |   |   |   |  |
|           |     |                                                                                   |                                                                                   |                                                                                   | 8.5<br>.335  | 4.76<br>.188      | 0.40<br>.016      | CNGG 12 04 04-SGF |                   | ☆                 | ★ |   |   |   |  |
|           |     |                                                                                   |                                                                                   | 8.5<br>.335                                                                       | 4.76<br>.188 | 0.79<br>.031      | CNGG 12 04 08-SGF |                   | ☆                 | ★                 |   |   |   |   |  |
|           |     |                                                                                   |                                                                                   | 8.5<br>.335                                                                       | 4.76<br>.188 | 1.19<br>.047      | CNGG 12 04 12-SGF |                   | ☆                 | ★                 |   |   |   |   |  |
|           | SF  |                                                                                   | 12                                                                                | 1/2                                                                               | 8.5<br>.335  | 4.76<br>.188      | 0.40<br>.016      | CNMG 12 04 04-SF  |                   | ☆                 | ★ |   |   |   |  |
|           |     |                                                                                   |                                                                                   | 8.5<br>.335                                                                       | 4.76<br>.188 | 0.79<br>.031      | CNMG 12 04 08-SF  |                   | ☆                 | ★                 |   |   |   |   |  |
|           |     |                                                                                   |                                                                                   | 8.5<br>.335                                                                       | 4.76<br>.188 | 1.19<br>.047      | CNMG 12 04 12-SF  |                   | ☆                 | ★                 |   |   |   |   |  |
|           |     | Medium                                                                            | SM                                                                                | 12                                                                                | 1/2          | 2.4<br>.094       | 4.76<br>.188      | 0.80<br>.031      | CNMX 12 04 A1-SM  | ☆                 | ☆ | ☆ | ★ | ☆ |  |
|           |     |                                                                                   |                                                                                   |                                                                                   |              | 3.8<br>.150       | 4.76<br>.188      | 0.80<br>.031      | CNMX 12 04 A2-SM  | ☆                 | ☆ | ☆ | ★ | ☆ |  |
|           |     |                                                                                   |                                                                                   | SMC                                                                               | 12           | 1/2               | 12.5<br>.492      | 4.76<br>.188      | 0.40<br>.016      | CNMG 12 04 04-SMC |   |   |   | ★ |  |
|           |     |                                                                                   |                                                                                   |                                                                                   |              | 12.1<br>.476      | 4.76<br>.188      | 0.79<br>.031      | CNMG 12 04 08-SMC |                   |   |   | ★ |   |  |
|           |     |                                                                                   |                                                                                   |                                                                                   | 11.7<br>.460 | 4.76<br>.188      | 1.19<br>.047      | CNMG 12 04 12-SMC |                   |                   |   | ★ |   |   |  |
|           | 16  |                                                                                   | 5/8                                                                               |                                                                                   | 15.3<br>.603 | 6.35<br>.250      | 0.79<br>.031      | CNMG 16 06 08-SMC |                   |                   |   | ★ |   |   |  |
|           |     |                                                                                   |                                                                                   |                                                                                   | 14.9<br>.587 | 6.35<br>.250      | 1.19<br>.047      | CNMG 16 06 12-SMC |                   |                   |   | ★ |   |   |  |
| QM        | 12  |                                                                                   | 1/2                                                                               |                                                                                   | 12.5<br>.492 | 4.76<br>.188      | 0.40<br>.016      | CNMG 12 04 04-QM  | ☆                 | ☆                 | ☆ | ★ | ☆ |   |  |
|           |     |                                                                                   |                                                                                   | 12.1<br>.476                                                                      | 4.76<br>.188 | 0.79<br>.031      | CNMG 12 04 08-QM  | ☆                 | ☆                 | ☆                 | ★ | ☆ |   |   |  |
|           |     |                                                                                   |                                                                                   | 11.7<br>.460                                                                      | 4.76<br>.188 | 1.19<br>.047      | CNMG 12 04 12-QM  | ☆                 | ☆                 | ☆                 | ★ | ☆ |   |   |  |
|           |     |                                                                                   |                                                                                   | 11.3<br>.445                                                                      | 4.76<br>.188 | 1.59<br>.063      | CNMG 12 04 16-QM  | ☆                 | ☆                 | ☆                 | ★ | ☆ |   |   |  |
|           | 16  |                                                                                   | 5/8                                                                               | 14.9<br>.587                                                                      | 6.35<br>.250 | 1.19<br>.047      | CNMG 16 06 12-QM  | ☆                 | ☆                 | ☆                 | ★ | ☆ |   |   |  |
|           | 19  | 3/4                                                                               | 18.1<br>.714                                                                      | 6.35<br>.250                                                                      | 1.19<br>.047 | CNMG 19 06 12-QM  | ☆                 | ☆                 | ☆                 | ★                 | ☆ |   |   |   |  |
|           | SMR | 12                                                                                | 1/2                                                                               | 8.5<br>.335                                                                       | 4.76<br>.188 | 0.79<br>.031      | CNMG 12 04 08-SMR |                   |                   | ☆                 | ★ |   |   |   |  |
|           |     |                                                                                   |                                                                                   | 8.5<br>.335                                                                       | 4.76<br>.188 | 1.19<br>.047      | CNMG 12 04 12-SMR |                   |                   | ☆                 | ★ |   |   |   |  |
|           |     |                                                                                   | 8.5<br>.335                                                                       | 4.76<br>.188                                                                      | 1.59<br>.063 | CNMG 12 04 16-SMR |                   |                   | ☆                 | ★                 |   |   |   |   |  |
| Roughing  |     | SMR                                                                               | 16                                                                                | 5/8                                                                               | 10.6<br>.417 | 6.35<br>.250      | 1.59<br>.063      | CNMG 16 06 16-SMR |                   |                   | ☆ | ★ |   |   |  |
|           |     |                                                                                   |                                                                                   |                                                                                   | 19           | 3/4               | 18.1<br>.714      | 6.35<br>.250      | 1.19<br>.047      | CNMG 19 06 12-SMR |   |   | ☆ | ★ |  |
|           |     |                                                                                   |                                                                                   |                                                                                   | 12.7<br>.500 | 6.35<br>.250      | 1.59<br>.063      | CNMG 19 06 16-SMR |                   |                   | ☆ | ★ |   |   |  |

T-Max® P insert for turning  
C-style insert (Rhombic 80°)

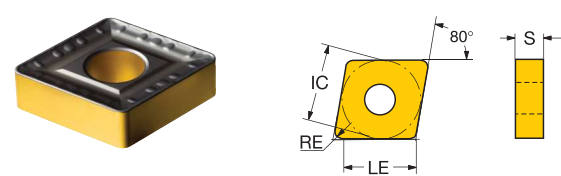


|        |    |  |  | LE   | S    | RE   | ISO CODE         | M    |      | S    |      |
|--------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|------|------|------------------|------|------|------|------|
|        |    |                                                                                   |                                                                                   |      |      |      |                  | 1205 | 1210 | 1205 | 1210 |
| Medium | SM | 12                                                                                | 1/2                                                                               | 8.5  | 4.76 | 0.40 | CNMG 12 04 04-SM | ☆    | ☆    | ★    | ☆    |
|        |    |                                                                                   |                                                                                   | .335 | .188 | .016 |                  |      |      |      |      |
|        |    |                                                                                   |                                                                                   | 8.5  | 4.76 | 0.79 | CNMG 12 04 08-SM | ☆    | ☆    | ★    | ☆    |
|        |    |                                                                                   |                                                                                   | .335 | .188 | .031 |                  |      |      |      |      |
|        |    |                                                                                   |                                                                                   | 8.5  | 4.76 | 1.19 | CNMG 12 04 12-SM | ☆    | ☆    | ★    | ☆    |
|        |    |                                                                                   |                                                                                   | .335 | .188 | .047 |                  |      |      |      |      |
|        |    | 16                                                                                | 5/8                                                                               | 15.3 | 6.35 | 0.79 | CNMG 16 06 08-SM | ☆    | ☆    | ★    | ☆    |
|        |    |                                                                                   |                                                                                   | .603 | .250 | .031 |                  |      |      |      |      |
|        |    |                                                                                   |                                                                                   | 10.6 | 6.35 | 1.19 | CNMG 16 06 12-SM | ☆    | ☆    | ★    | ☆    |
|        |    |                                                                                   |                                                                                   | .417 | .250 | .047 |                  |      |      |      |      |
|        |    |                                                                                   |                                                                                   | 10.6 | 6.35 | 1.59 | CNMG 16 06 16-SM | ☆    | ☆    | ★    | ☆    |
|        |    |                                                                                   |                                                                                   | .417 | .250 | .063 |                  |      |      |      |      |
|        |    | 19                                                                                | 3/4                                                                               | 18.5 | 6.35 | 0.79 | CNMG 19 06 08-SM | ☆    | ☆    | ★    | ☆    |
|        |    |                                                                                   |                                                                                   | .730 | .250 | .031 |                  |      |      |      |      |
|        |    |                                                                                   |                                                                                   | 18.1 | 6.35 | 1.19 | CNMG 19 06 12-SM | ☆    | ☆    | ★    | ☆    |
|        |    |                                                                                   |                                                                                   | .714 | .250 | .047 |                  |      |      |      |      |
|        |    |                                                                                   |                                                                                   | 12.7 | 6.35 | 1.59 | CNMG 19 06 16-SM | ☆    | ☆    | ★    | ☆    |
|        |    |                                                                                   |                                                                                   | .500 | .250 | .063 |                  |      |      |      |      |
|        |    |                                                                                   |                                                                                   |      |      |      |                  |      |      |      |      |
|        |    |                                                                                   |                                                                                   |      |      |      |                  |      |      |      |      |

ENG

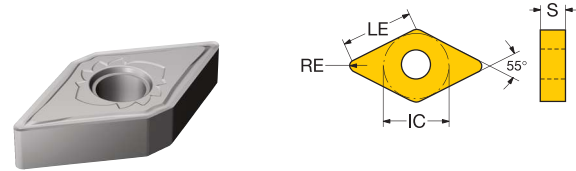
# T-Max® P insert for turning

C-style insert (Rhombic 80°)



|           |    |                                                                                   |                                                                                   |      |       |      | ISO CODE         | P | K |
|-----------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|-------|------|------------------|---|---|
|           |    |  |  | LE   | S     | RE   |                  |   |   |
| Finishing | PF | 19                                                                                | 3/4                                                                               | 15.3 | 11.00 | 4.00 | CNMX 19 11 40-PF | ★ | ★ |
|           |    |                                                                                   |                                                                                   | .604 | .433  | .157 |                  |   |   |
|           |    |                                                                                   |                                                                                   |      |       |      |                  |   |   |
| Roughing  | PR | 25                                                                                | 1                                                                                 | 23.4 | 9.53  | 2.38 | CNMG 25 09 24-PR | ★ | ★ |
|           |    |                                                                                   |                                                                                   | .921 | .375  | .094 |                  |   |   |
|           | HR | 25                                                                                | 1                                                                                 | 23.4 | 9.53  | 2.38 | CNMM 25 09 24-HR | ★ | ★ |
|           |    |                                                                                   |                                                                                   | .921 | .375  | .094 |                  |   |   |

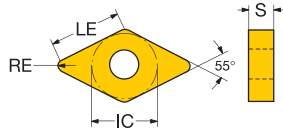
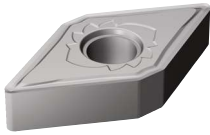
T-Max® P insert for turning  
D-style insert (Rhombic 55°)



|           |     |                                                                                   |                                                                                   |      |      | ISO CODE | P                 | M    | S    |      |      |      |
|-----------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|------|----------|-------------------|------|------|------|------|------|
|           |     |  |  | LE   | S    |          | RE                | 1205 | 1205 | 1210 | 1205 | 1210 |
|           |     |                                                                                   |                                                                                   |      |      |          |                   |      |      |      |      |      |
| Finishing | MF  | 11                                                                                | 3/8                                                                               | 11.2 | 4.76 | 0.40     | DNMG 11 04 04-MF  | ☆    | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .442 | .188 | .016     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 10.8 | 4.76 | 0.79     | DNMG 11 04 08-MF  | ☆    | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .426 | .188 | .031     |                   |      |      |      |      |      |
|           |     | 15                                                                                | 1/2                                                                               | 15.1 | 4.76 | 0.40     | DNMG 15 04 04-MF  | ☆    | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .595 | .188 | .016     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 14.7 | 4.76 | 0.79     | DNMG 15 04 08-MF  | ☆    | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .579 | .188 | .031     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 15.1 | 6.35 | 0.40     | DNMG 15 06 04-MF  | ☆    | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .595 | .250 | .016     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 14.7 | 6.35 | 0.79     | DNMG 15 06 08-MF  | ☆    | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .579 | .250 | .031     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 14.3 | 6.35 | 1.19     | DNMG 15 06 12-MF  | ☆    | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .563 | .250 | .047     |                   |      |      |      |      |      |
|           | SGF | 15                                                                                | 1/2                                                                               | 13.6 | 4.76 | 0.10     | DNGG 15 04 01-SGF |      | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .533 | .188 | .004     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 13.5 | 4.76 | 0.20     | DNGG 15 04 02-SGF |      | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .530 | .188 | .008     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 6.4  | 4.76 | 0.40     | DNGG 15 04 04-SGF |      | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .252 | .188 | .016     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 6.4  | 4.76 | 0.79     | DNGG 15 04 08-SGF |      | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .252 | .188 | .031     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 6.4  | 4.76 | 1.19     | DNGG 15 04 12-SGF |      | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .252 | .188 | .047     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 6.4  | 6.35 | 0.40     | DNGG 15 06 04-SGF |      | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .252 | .250 | .016     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 6.4  | 6.35 | 0.79     | DNGG 15 06 08-SGF |      | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .252 | .250 | .031     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 6.4  | 6.35 | 1.19     | DNGG 15 06 12-SGF |      | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .252 | .250 | .047     |                   |      |      |      |      |      |
|           | SF  | 11                                                                                | 3/8                                                                               | 11.2 | 4.76 | 0.40     | DNMG 11 04 04-SF  |      | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .442 | .188 | .016     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 10.8 | 4.76 | 0.79     | DNMG 11 04 08-SF  |      | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .426 | .188 | .031     |                   |      |      |      |      |      |
|           |     | 15                                                                                | 1/2                                                                               | 6.4  | 4.76 | 0.40     | DNMG 15 04 04-SF  |      | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .252 | .188 | .016     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 6.4  | 4.76 | 0.79     | DNMG 15 04 08-SF  |      | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .252 | .188 | .031     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 6.4  | 4.76 | 1.19     | DNMG 15 04 12-SF  |      | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .252 | .188 | .047     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 6.4  | 6.35 | 0.40     | DNMG 15 06 04-SF  |      | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .252 | .250 | .016     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 6.4  | 6.35 | 0.79     | DNMG 15 06 08-SF  |      | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .252 | .250 | .031     |                   |      |      |      |      |      |
|           |     |                                                                                   |                                                                                   | 6.4  | 6.35 | 1.19     | DNMG 15 06 12-SF  |      | ☆    | ★    |      |      |
|           |     |                                                                                   |                                                                                   | .252 | .250 | .047     |                   |      |      |      |      |      |

# T-Max® P insert for turning

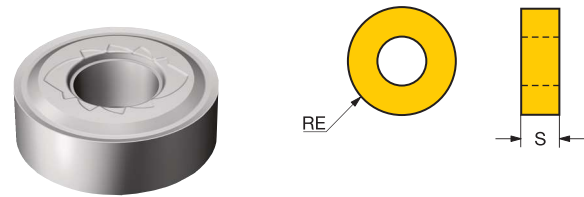
D-style insert (Rhombic 55°)



|        |     |    | LE  | S    | RE   | ISO CODE | P                 |      | M    |      | S    |   |
|--------|-----|----|-----|------|------|----------|-------------------|------|------|------|------|---|
|        |     |    |     |      |      |          | 1205              | 1205 | 1210 | 1205 | 1210 |   |
|        |     |    |     |      |      |          |                   |      |      |      |      |   |
| Medium | SMC | 11 | 3/8 | 10.8 | 4.76 | 0.79     | DNMG 11 04 08-SMC |      |      |      |      | ★ |
|        |     |    |     | .426 | .188 | .031     |                   |      |      |      |      |   |
|        |     | 15 | 1/2 | 15.1 | 4.76 | 0.40     | DNMG 15 04 04-SMC |      |      |      |      | ★ |
|        |     |    |     | .595 | .188 | .016     |                   |      |      |      |      |   |
|        |     |    |     | 14.7 | 4.76 | 0.79     | DNMG 15 04 08-SMC |      |      |      |      | ★ |
|        |     |    |     | .579 | .188 | .031     |                   |      |      |      |      |   |
|        |     |    |     | 15.1 | 6.35 | 0.40     | DNMG 15 06 04-SMC |      |      |      |      | ★ |
|        |     |    |     | .595 | .250 | .016     |                   |      |      |      |      |   |
|        |     |    |     | 14.7 | 6.35 | 0.79     | DNMG 15 06 08-SMC |      |      |      |      | ★ |
|        |     |    |     | .579 | .250 | .031     |                   |      |      |      |      |   |
|        |     |    |     | 14.3 | 6.35 | 1.19     | DNMG 15 06 12-SMC |      |      |      |      | ★ |
|        |     |    |     | .563 | .250 | .047     |                   |      |      |      |      |   |
|        | QM  | 11 | 3/8 | 10.8 | 4.76 | 0.79     | DNMG 11 04 08-QM  |      |      | ☆    |      | ★ |
|        |     |    |     | .426 | .188 | .031     |                   |      |      |      |      |   |
|        |     | 15 | 1/2 | 15.1 | 4.76 | 0.40     | DNMG 15 04 04-QM  | ☆    | ☆    | ☆    | ★    | ☆ |
|        |     |    |     | .595 | .188 | .016     |                   |      |      |      |      |   |
|        |     |    |     | 14.7 | 4.76 | 0.79     | DNMG 15 04 08-QM  | ☆    | ☆    | ☆    | ★    | ☆ |
|        |     |    |     | .579 | .188 | .031     |                   |      |      |      |      |   |
|        |     |    |     | 14.3 | 4.76 | 1.19     | DNMG 15 04 12-QM  | ☆    | ☆    | ☆    | ★    | ☆ |
|        |     |    |     | .563 | .188 | .047     |                   |      |      |      |      |   |
|        |     |    |     | 15.1 | 6.35 | 0.40     | DNMG 15 06 04-QM  | ☆    | ☆    | ☆    | ★    | ☆ |
|        |     |    |     | .595 | .250 | .016     |                   |      |      |      |      |   |
|        |     |    |     | 14.7 | 6.35 | 0.79     | DNMG 15 06 08-QM  | ☆    | ☆    | ☆    | ★    | ☆ |
|        |     |    |     | .579 | .250 | .031     |                   |      |      |      |      |   |
|        |     |    |     | 14.3 | 6.35 | 1.19     | DNMG 15 06 12-QM  | ☆    | ☆    | ☆    | ★    | ☆ |
|        |     |    |     | .563 | .250 | .047     |                   |      |      |      |      |   |
|        | SM  | 11 | 3/8 | 11.2 | 4.76 | 0.40     | DNMG 11 04 04-SM  | ☆    | ☆    | ☆    | ★    | ☆ |
|        |     |    |     | .442 | .188 | .016     |                   |      |      |      |      |   |
|        |     | 15 | 1/2 | 6.4  | 4.76 | 0.40     | DNMG 15 04 04-SM  |      | ☆    | ☆    | ★    | ☆ |
|        |     |    |     | .252 | .188 | .016     |                   |      |      |      |      |   |
|        |     |    |     | 6.4  | 4.76 | 0.79     | DNMG 15 04 08-SM  |      | ☆    | ☆    | ★    | ☆ |
|        |     |    |     | .252 | .188 | .031     |                   |      |      |      |      |   |
|        |     |    |     | 6.4  | 4.76 | 1.19     | DNMG 15 04 12-SM  |      | ☆    | ☆    | ★    | ☆ |
|        |     |    |     | .252 | .188 | .047     |                   |      |      |      |      |   |
|        |     |    |     | 6.4  | 6.35 | 0.40     | DNMG 15 06 04-SM  |      | ☆    | ☆    | ★    | ☆ |
|        |     |    |     | .252 | .250 | .016     |                   |      |      |      |      |   |
|        |     |    |     | 6.4  | 6.35 | 0.79     | DNMG 15 06 08-SM  |      | ☆    | ☆    | ★    | ☆ |
|        |     |    |     | .252 | .250 | .031     |                   |      |      |      |      |   |
|        |     |    |     | 6.4  | 6.35 | 1.19     | DNMG 15 06 12-SM  |      | ☆    | ☆    | ★    | ☆ |
|        |     |    |     | .252 | .250 | .047     |                   |      |      |      |      |   |
|        | SMR | 15 | 1/2 | 6.4  | 4.76 | 0.79     | DNMG 15 04 08-SMR |      |      | ☆    |      | ★ |
|        |     |    |     | .252 | .188 | .031     |                   |      |      |      |      |   |
|        |     |    |     | 6.4  | 4.76 | 1.19     | DNMG 15 04 12-SMR |      |      | ☆    |      | ★ |
|        |     |    |     | .252 | .188 | .047     |                   |      |      |      |      |   |
|        |     |    |     | 6.4  | 6.35 | 0.79     | DNMG 15 06 08-SMR |      |      | ☆    |      | ★ |
|        |     |    |     | .252 | .250 | .031     |                   |      |      |      |      |   |
|        |     |    |     | 6.4  | 6.35 | 1.19     | DNMG 15 06 12-SMR |      |      | ☆    |      | ★ |
|        |     |    |     | .252 | .250 | .047     |                   |      |      |      |      |   |
|        |     |    |     | 6.4  | 6.35 | 1.59     | DNMG 15 06 16-SMR |      |      | ☆    |      | ★ |
|        |     |    |     | .252 | .250 | .063     |                   |      |      |      |      |   |

T-Max® P insert for turning

R-style insert (Round)

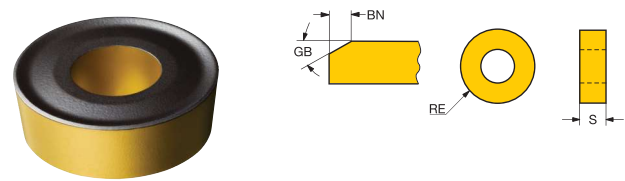


|        |    |  |     | S    | RE   | ISO CODE        | M    | S    |  |  |
|--------|----|-----------------------------------------------------------------------------------|-----|------|------|-----------------|------|------|--|--|
|        |    | 19                                                                                | 3/4 |      |      |                 | 1210 | 1210 |  |  |
| Medium | SM |                                                                                   |     | 6.35 | 9.53 | RNMG 19 0600-SM | ☆    | ★    |  |  |
|        |    |                                                                                   |     | .250 | .375 |                 |      |      |  |  |
|        |    |                                                                                   |     |      |      |                 |      |      |  |  |

ENG

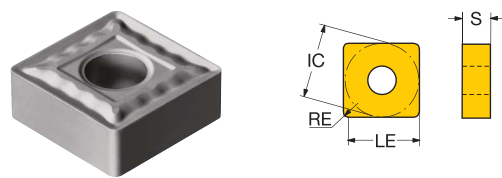
T-Max® P insert for turning

R-style insert (Round)



|        |    |  |      |      |       |          |      |               | P    | K |
|--------|----|-----------------------------------------------------------------------------------|------|------|-------|----------|------|---------------|------|---|
|        |    | S                                                                                 | RE   | GB   | BN    | ISO CODE |      | 4415          | 4415 |   |
| Medium | 00 | 20                                                                                | .787 | 6.35 | 10.00 | 15°      | 0.30 | RCMX 20 06 00 | ★    | ★ |
|        |    |                                                                                   |      | .250 | .394  | 15°      | .012 |               |      |   |
|        |    | 25                                                                                | .984 | 7.94 | 12.50 | 15°      | 0.40 | RCMX 25 07 00 | ★    | ★ |
|        |    |                                                                                   |      | .313 | .492  | 15°      | .016 |               |      |   |
|        |    | 19                                                                                | 3/4  | 6.35 | 9.53  |          |      | RNMG 19 06 00 | ★    | ★ |
|        |    |                                                                                   | .250 | .375 |       |          |      |               |      |   |
|        |    |                                                                                   |      |      |       |          |      |               |      |   |

T-Max® P insert for turning  
S-style insert (Square)

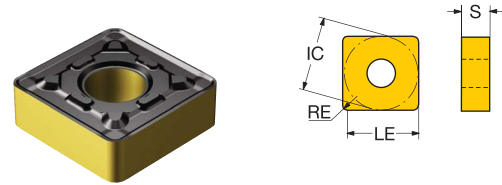


|          |     |  |  | LE   | S    | RE                | ISO CODE          | P    | M    | S    |      |      |
|----------|-----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|------|-------------------|-------------------|------|------|------|------|------|
|          |     |                                                                                   |                                                                                   |      |      |                   |                   | 1205 | 1205 | 1210 | 1205 | 1210 |
| Medium   | SMC | 12                                                                                | 1/2                                                                               | 12.3 | 4.76 | 0.40              | SNMG 12 04 04-SMC |      |      |      |      | ★    |
|          |     |                                                                                   |                                                                                   | .484 | .188 | .016              |                   |      |      |      |      |      |
|          |     |                                                                                   |                                                                                   | 11.9 | 4.76 | 0.79              | SNMG 12 04 08-SMC |      |      |      |      | ★    |
|          |     |                                                                                   |                                                                                   | .469 | .188 | .031              |                   |      |      |      |      |      |
|          |     | 12                                                                                | 1/2                                                                               | 11.9 | 4.76 | 0.79              | SNMG 12 04 08-QM  | ☆    | ☆    | ☆    | ★    | ☆    |
|          |     |                                                                                   |                                                                                   | .469 | .188 | .031              |                   |      |      |      |      |      |
|          | QM  |                                                                                   |                                                                                   | 11.5 | 4.76 | 1.19              | SNMG 12 04 12-QM  | ☆    | ☆    | ☆    | ★    | ☆    |
|          |     |                                                                                   |                                                                                   | .453 | .188 | .047              |                   |      |      |      |      |      |
|          |     |                                                                                   |                                                                                   | 11.1 | 4.76 | 1.59              | SNMG 12 04 16-QM  | ☆    | ☆    | ☆    | ★    | ☆    |
|          |     |                                                                                   |                                                                                   | .437 | .188 | .063              |                   |      |      |      |      |      |
|          |     | 15                                                                                | 5/8                                                                               | 14.7 | 6.35 | 1.19              | SNMG 15 06 12-QM  | ☆    | ☆    | ☆    | ★    | ☆    |
|          |     |                                                                                   |                                                                                   | .578 | .250 | .047              |                   |      |      |      |      |      |
|          |     |                                                                                   |                                                                                   | 14.3 | 6.35 | 1.59              | SNMG 15 06 16-QM  | ☆    | ☆    | ☆    | ★    | ☆    |
|          |     |                                                                                   |                                                                                   | .562 | .250 | .063              |                   |      |      |      |      |      |
|          |     | 19                                                                                | 3/4                                                                               | 17.9 | 6.35 | 1.19              | SNMG 19 06 12-QM  | ☆    | ☆    | ☆    | ★    | ☆    |
|          |     |                                                                                   |                                                                                   | .703 | .250 | .047              |                   |      |      |      |      |      |
|          |     |                                                                                   |                                                                                   | 17.5 | 6.35 | 1.59              | SNMG 19 06 16-QM  | ☆    | ☆    | ☆    | ★    | ☆    |
|          |     |                                                                                   |                                                                                   | .687 | .250 | .063              |                   |      |      |      |      |      |
|          | SM  | 12                                                                                | 1/2                                                                               | 12.3 | 4.76 | 0.40              | SNMG 12 04 04-SM  |      | ☆    | ☆    | ★    | ☆    |
|          |     |                                                                                   |                                                                                   | .484 | .188 | .016              |                   |      |      |      |      |      |
|          |     |                                                                                   |                                                                                   | 8.5  | 4.76 | 0.79              | SNMG 12 04 08-SM  |      | ☆    | ☆    | ★    | ☆    |
|          |     |                                                                                   |                                                                                   | .335 | .188 | .031              |                   |      |      |      |      |      |
|          |     |                                                                                   |                                                                                   | 8.5  | 4.76 | 1.19              | SNMG 12 04 12-SM  |      | ☆    | ☆    | ★    | ☆    |
|          |     |                                                                                   |                                                                                   | .335 | .188 | .047              |                   |      |      |      |      |      |
|          |     |                                                                                   |                                                                                   | 8.5  | 4.76 | 1.59              | SNMG 12 04 16-SM  |      | ☆    | ☆    | ★    | ☆    |
|          |     |                                                                                   |                                                                                   | .335 | .188 | .063              |                   |      |      |      |      |      |
|          |     | 15                                                                                | 5/8                                                                               | 15.1 | 6.35 | 0.79              | SNMG 15 06 08-SM  |      | ☆    | ☆    | ★    | ☆    |
|          |     |                                                                                   |                                                                                   | .594 | .250 | .031              |                   |      |      |      |      |      |
|          |     |                                                                                   |                                                                                   | 10.6 | 6.35 | 1.19              | SNMG 15 06 12-SM  |      | ☆    | ☆    | ★    | ☆    |
|          |     |                                                                                   |                                                                                   | .417 | .250 | .047              |                   |      |      |      |      |      |
|          |     |                                                                                   | 10.6                                                                              | 6.35 | 1.59 | SNMG 15 06 16-SM  |                   | ☆    | ☆    | ★    | ☆    |      |
|          |     |                                                                                   | .417                                                                              | .250 | .063 |                   |                   |      |      |      |      |      |
| 19       |     | 3/4                                                                               | 17.9                                                                              | 6.35 | 1.19 | SNMG 19 06 12-SM  | ☆                 | ☆    | ☆    | ★    | ☆    |      |
|          |     |                                                                                   | .703                                                                              | .250 | .047 |                   |                   |      |      |      |      |      |
|          |     |                                                                                   | 12.7                                                                              | 6.35 | 1.59 | SNMG 19 06 16-SM  |                   | ☆    | ☆    | ★    | ☆    |      |
|          |     |                                                                                   | .500                                                                              | .250 | .063 |                   |                   |      |      |      |      |      |
| SMR      | 12  | 1/2                                                                               | 8.5                                                                               | 4.76 | 0.79 | SNMG 12 04 08-SMR |                   |      | ☆    |      | ★    |      |
|          |     |                                                                                   | .335                                                                              | .188 | .031 |                   |                   |      |      |      |      |      |
|          |     |                                                                                   | 8.5                                                                               | 4.76 | 1.19 | SNMG 12 04 12-SMR |                   |      | ☆    |      | ★    |      |
|          |     |                                                                                   | .335                                                                              | .188 | .047 |                   |                   |      |      |      |      |      |
|          |     |                                                                                   | 8.5                                                                               | 4.76 | 1.59 | SNMG 12 04 16-SMR |                   |      | ☆    |      | ★    |      |
|          |     |                                                                                   | .335                                                                              | .188 | .063 |                   |                   |      |      |      |      |      |
| Roughing | SMR | 15                                                                                | 5/8                                                                               | 10.6 | 6.35 | 1.59              | SNMG 15 06 16-SMR |      |      | ☆    |      | ★    |
|          |     |                                                                                   |                                                                                   | .417 | .250 | .063              |                   |      |      |      |      |      |
|          |     | 19                                                                                | 3/4                                                                               | 17.9 | 6.35 | 1.19              | SNMG 19 06 12-SMR |      |      | ☆    |      | ★    |
|          |     |                                                                                   |                                                                                   | .703 | .250 | .047              |                   |      |      |      |      |      |
|          |     |                                                                                   |                                                                                   | 12.7 | 6.35 | 1.59              | SNMG 19 06 16-SMR |      |      | ☆    |      | ★    |
|          |     |                                                                                   |                                                                                   | .500 | .250 | .063              |                   |      |      |      |      |      |

ENG

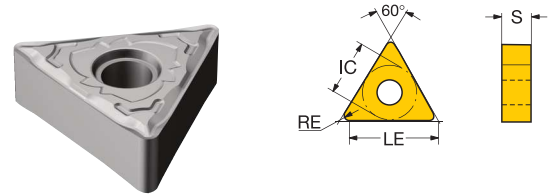
T-Max® P insert for turning

S-style insert (Square)



|          |    |                                                                                   |                                                                                   |      |      |      | ISO CODE        | P    | K    |  |
|----------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|------|------|-----------------|------|------|--|
|          |    |  |  | LE   | S    | RE   |                 | 4415 | 4415 |  |
| Roughing | PR | 25                                                                                | 1                                                                                 | 23.0 | 7.94 | 2.38 | SNMG 25 0724-PR | ★    | ★    |  |
|          |    |                                                                                   |                                                                                   | .906 | .313 | .094 |                 |      |      |  |
|          |    |                                                                                   |                                                                                   | 23.0 | 9.53 | 2.38 | SNMG 25 0924-PR | ★    | ★    |  |
|          |    |                                                                                   |                                                                                   | .906 | .375 | .094 |                 |      |      |  |
|          | QR | 25                                                                                | 1                                                                                 | 23.0 | 7.94 | 2.38 | SNMM 25 0724-QR | ★    | ★    |  |
|          |    |                                                                                   |                                                                                   | .906 | .313 | .094 |                 |      |      |  |
|          | HR | 25                                                                                | 1                                                                                 | 23.0 | 7.94 | 2.38 | SNMM 25 0724-HR | ★    | ★    |  |
|          |    |                                                                                   |                                                                                   | .906 | .313 | .094 |                 |      |      |  |
|          |    |                                                                                   |                                                                                   | 22.2 | 7.94 | 3.18 | SNMM 25 0732-HR | ★    | ★    |  |
|          |    |                                                                                   |                                                                                   | .874 | .313 | .125 |                 |      |      |  |
|          |    |                                                                                   |                                                                                   | 23.0 | 9.53 | 2.38 | SNMM 25 0924-HR | ★    | ★    |  |
|          |    |                                                                                   |                                                                                   | .906 | .375 | .094 |                 |      |      |  |
|          |    |                                                                                   |                                                                                   | 22.2 | 9.53 | 3.18 | SNMM 25 0932-HR | ★    | ★    |  |
|          |    |                                                                                   |                                                                                   | .874 | .375 | .125 |                 |      |      |  |
|          |    |                                                                                   |                                                                                   |      |      |      |                 |      |      |  |

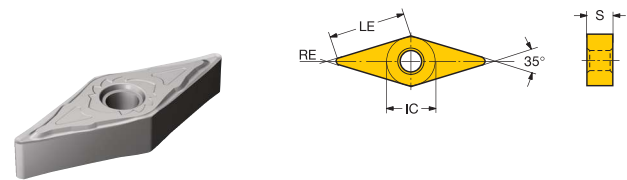
T-Max® P insert for turning  
T-style insert (Triangular)



|           |     |  |      |      |                  |                  |                   |   |   |   |   |   |
|-----------|-----|-----------------------------------------------------------------------------------|------|------|------------------|------------------|-------------------|---|---|---|---|---|
|           |     | LE                                                                                | S    | RE   | ISO CODE         | P                | M                 | S |   |   |   |   |
| Finishing | SF  | 16                                                                                | 3/8  | 4.8  | 4.76             | 0.40             | TNMG 16 04 04-SF  | ☆ |   | ★ |   |   |
|           |     |                                                                                   |      | .189 | .188             | .016             |                   |   |   |   |   |   |
|           |     |                                                                                   |      | 4.8  | 4.76             | 0.79             | TNMG 16 04 08-SF  | ☆ |   | ★ |   |   |
|           |     |                                                                                   |      | .189 | .188             | .031             |                   |   |   |   |   |   |
| Medium    | SMC | 16                                                                                | 3/8  | 15.7 | 4.76             | 0.79             | TNMG 16 04 08-SMC |   |   |   | ★ |   |
|           |     |                                                                                   |      | .618 | .188             | .031             |                   |   |   |   |   |   |
|           | QM  | 16                                                                                | 3/8  | 15.7 | 4.76             | 0.79             | TNMG 16 04 08-QM  | ☆ | ☆ | ☆ | ★ | ☆ |
|           |     |                                                                                   |      | .618 | .188             | .031             |                   |   |   |   |   |   |
|           |     |                                                                                   |      | 15.3 | 4.76             | 1.19             | TNMG 16 04 12-QM  | ☆ | ☆ | ☆ | ★ | ☆ |
|           |     |                                                                                   |      | .602 | .188             | .047             |                   |   |   |   |   |   |
|           |     | 22                                                                                | 1/2  | 20.4 | 4.76             | 1.59             | TNMG 22 04 16-QM  | ☆ | ☆ | ☆ | ★ | ☆ |
|           |     |                                                                                   | .803 | .188 | .063             |                  |                   |   |   |   |   |   |
|           | SM  | 16                                                                                | 3/8  | 16.1 | 4.76             | 0.40             | TNMG 16 04 04-SM  |   | ☆ | ☆ | ★ | ☆ |
|           |     |                                                                                   |      | .634 | .188             | .016             |                   |   |   |   |   |   |
|           |     |                                                                                   |      | 4.8  | 4.76             | 0.79             | TNMG 16 04 08-SM  |   | ☆ | ☆ | ★ | ☆ |
|           |     |                                                                                   |      | .189 | .188             | .031             |                   |   |   |   |   |   |
|           |     |                                                                                   | 4.8  | 4.76 | 1.19             | TNMG 16 04 12-SM |                   | ☆ | ☆ | ★ | ☆ |   |
|           |     |                                                                                   | .189 | .188 | .047             |                  |                   |   |   |   |   |   |
| 22        |     | 1/2                                                                               | 6.4  | 4.76 | 0.79             | TNMG 22 04 08-SM |                   | ☆ | ☆ | ★ | ☆ |   |
|           |     |                                                                                   | .252 | .188 | .031             |                  |                   |   |   |   |   |   |
|           |     | 6.4                                                                               | 4.76 | 1.19 | TNMG 22 04 12-SM |                  | ☆                 | ☆ | ★ | ☆ |   |   |
|           |     | .252                                                                              | .188 | .047 |                  |                  |                   |   |   |   |   |   |
|           |     |                                                                                   |      |      |                  |                  |                   |   |   |   |   |   |

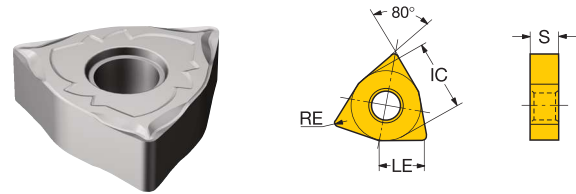
T-Max® P insert for turning

V-style insert (Rhombic 35°)



|           |     |      |     |      |      | ISO CODE | P    | M    |      | S    |      |
|-----------|-----|------|-----|------|------|----------|------|------|------|------|------|
|           |     |      |     |      |      |          | 1205 | 1205 | 1210 | 1205 | 1210 |
| Finishing | MF  | 16   | 3/8 | 16.2 | 4.76 | 0.40     | ☆    | ☆    |      | ★    |      |
|           |     |      |     | .638 | .188 | .016     |      |      |      |      |      |
|           |     | 15.8 |     | 4.76 |      | 0.79     | ☆    | ☆    |      | ★    |      |
|           |     |      |     | .622 | .188 | .031     |      |      |      |      |      |
|           | SGF | 16   | 3/8 | 16.3 | 4.76 | 0.10     |      | ☆    |      | ★    |      |
|           |     |      |     | .640 | .188 | .004     |      |      |      |      |      |
|           |     | 16.1 |     | 4.76 |      | 0.20     |      | ☆    |      | ★    |      |
|           |     |      |     | .632 | .188 | .008     |      |      |      |      |      |
|           |     | 2.4  |     | 4.76 |      | 0.40     |      | ☆    |      | ★    |      |
|           |     |      |     | .094 | .188 | .016     |      |      |      |      |      |
|           |     | 2.4  |     | 4.76 |      | 0.79     |      | ☆    |      | ★    |      |
|           |     |      |     | .094 | .188 | .031     |      |      |      |      |      |
|           |     | 2.4  |     | 4.76 |      | 1.19     |      | ☆    |      | ★    |      |
|           |     |      |     | .094 | .188 | .047     |      |      |      |      |      |
|           | SF  | 16   | 3/8 | 16.2 | 4.76 | 0.40     |      | ☆    |      | ★    |      |
|           |     |      |     | .638 | .188 | .016     |      |      |      |      |      |
|           |     | 15.8 |     | 4.76 |      | 0.79     |      | ☆    |      | ★    |      |
|           |     |      |     | .622 | .188 | .031     |      |      |      |      |      |
|           |     | 15.4 |     | 4.76 |      | 1.19     |      | ☆    |      | ★    |      |
| Medium    | SMC |      |     | .607 | .188 | .047     |      |      |      |      |      |
|           |     | 16   | 3/8 | 16.2 | 4.76 | 0.40     |      |      |      | ★    |      |
|           |     |      |     | .638 | .188 | .016     |      |      |      |      |      |
|           |     | 15.8 |     | 4.76 |      | 0.79     |      |      |      | ★    |      |
|           | QM  |      |     | .622 | .188 | .031     |      |      |      |      |      |
|           |     | 16   | 3/8 | 16.2 | 4.76 | 0.40     | ☆    | ☆    | ☆    | ★    | ☆    |
|           |     |      |     | .638 | .188 | .016     |      |      |      |      |      |
|           |     | 15.8 |     | 4.76 |      | 0.79     | ☆    | ☆    | ☆    | ★    | ☆    |
|           | SM  |      |     | .622 | .188 | .031     |      |      |      |      |      |
|           |     | 16   | 3/8 | 16.2 | 4.76 | 0.40     |      | ☆    | ☆    | ★    | ☆    |
|           |     |      |     | .638 | .188 | .016     |      |      |      |      |      |
|           |     | 15.8 |     | 4.76 |      | 0.79     |      | ☆    | ☆    | ★    | ☆    |
|           |     |      |     | .622 | .188 | .031     |      |      |      |      |      |
|           |     | 15.4 |     | 4.76 |      | 1.19     |      | ☆    | ☆    | ★    | ☆    |
|           |     |      |     | .607 | .188 | .047     |      |      |      |      |      |

T-Max® P insert for turning  
W-style insert (Trigon 80°)

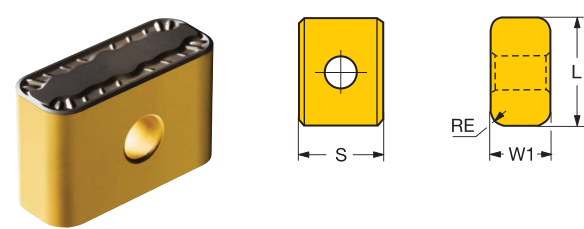


|           |     |  |      |      |      | ISO CODE | <div><div>P</div><div>M</div><div>S</div></div> |      |      |      |      |   |
|-----------|-----|-----------------------------------------------------------------------------------|------|------|------|----------|-------------------------------------------------|------|------|------|------|---|
|           |     | LE                                                                                | S    | RE   |      |          | 1205                                            | 1205 | 1210 | 1205 | 1210 |   |
| Finishing | MF  | 08                                                                                | 1/2  | 7.9  | 4.76 | 0.79     | WNMG 08 04 08-MF                                |      | ☆    |      | ★    |   |
|           |     |                                                                                   |      | .311 | .188 | .031     |                                                 |      |      |      |      |   |
|           | SGF | 08                                                                                | 1/2  | 7.5  | 4.76 | 0.20     | WNGG 08 04 02-SGF                               |      | ☆    |      | ★    |   |
|           |     |                                                                                   |      | .294 | .188 | .008     |                                                 |      |      |      |      |   |
|           |     |                                                                                   |      | 3.2  | 4.76 | 0.40     | WNGG 08 04 04-SGF                               |      | ☆    |      | ★    |   |
|           |     |                                                                                   |      | .126 | .188 | .016     |                                                 |      |      |      |      |   |
|           |     |                                                                                   |      | 3.2  | 4.76 | 0.79     | WNGG 08 04 08-SGF                               |      | ☆    |      | ★    |   |
|           |     |                                                                                   |      | .126 | .188 | .031     |                                                 |      |      |      |      |   |
|           | SF  | 08                                                                                | 1/2  | 3.2  | 4.76 | 0.40     | WNMG 08 04 04-SF                                |      | ☆    |      | ★    |   |
|           |     |                                                                                   |      | .126 | .188 | .016     |                                                 |      |      |      |      |   |
|           |     |                                                                                   |      | 7.9  | 4.76 | 0.79     | WNMG 08 04 08-SF                                |      | ☆    |      | ★    |   |
|           |     |                                                                                   |      | .311 | .188 | .031     |                                                 |      |      |      |      |   |
|           |     |                                                                                   |      | 7.5  | 4.76 | 1.19     | WNMG 08 04 12-SF                                |      | ☆    |      | ★    |   |
|           |     | .295                                                                              | .188 | .047 |      |          |                                                 |      |      |      |      |   |
| Medium    | SMC | 08                                                                                | 1/2  | 8.3  | 4.76 | 0.40     | WNMG 08 04 04-SMC                               |      |      |      |      | ★ |
|           |     |                                                                                   |      | .326 | .188 | .016     |                                                 |      |      |      |      |   |
|           |     |                                                                                   |      | 7.9  | 4.76 | 0.79     | WNMG 08 04 08-SMC                               |      |      |      |      | ★ |
|           |     |                                                                                   |      | .311 | .188 | .031     |                                                 |      |      |      |      |   |
|           |     |                                                                                   |      | 7.5  | 4.76 | 1.19     | WNMG 08 04 12-SMC                               |      |      |      |      | ★ |
|           | QM  |                                                                                   |      | .295 | .188 | .047     |                                                 |      |      |      |      |   |
|           |     | 06                                                                                | 3/8  | 5.7  | 4.76 | 0.79     | WNMG 06 04 08-QM                                |      |      | ☆    |      | ★ |
|           |     |                                                                                   |      | .225 | .188 | .031     |                                                 |      |      |      |      |   |
|           |     | 08                                                                                | 1/2  | 8.3  | 4.76 | 0.40     | WNMG 08 04 04-QM                                | ☆    | ☆    | ☆    | ★    | ☆ |
|           |     |                                                                                   |      | .326 | .188 | .016     |                                                 |      |      |      |      |   |
|           |     |                                                                                   |      | 7.9  | 4.76 | 0.79     | WNMG 08 04 08-QM                                | ☆    | ☆    | ☆    | ★    | ☆ |
|           |     |                                                                                   |      | .311 | .188 | .031     |                                                 |      |      |      |      |   |
|           |     |                                                                                   |      | 7.5  | 4.76 | 1.19     | WNMG 08 04 12-QM                                | ☆    | ☆    | ☆    | ★    | ☆ |
|           |     |                                                                                   |      | .295 | .188 | .047     |                                                 |      |      |      |      |   |
|           | SM  | 06                                                                                | 3/8  | 6.1  | 4.76 | 0.40     | WNMG 06 04 04-SM                                | ☆    | ☆    |      | ★    |   |
|           |     |                                                                                   |      | .241 | .188 | .016     |                                                 |      |      |      |      |   |
|           |     |                                                                                   |      | 5.7  | 4.76 | 0.79     | WNMG 06 04 08-SM                                | ☆    | ☆    |      | ★    |   |
|           |     |                                                                                   |      | .225 | .188 | .031     |                                                 |      |      |      |      |   |
|           |     | 08                                                                                | 1/2  | 3.2  | 4.76 | 0.40     | WNMG 08 04 04-SM                                |      | ☆    | ☆    | ★    | ☆ |
|           |     |                                                                                   |      | .126 | .188 | .016     |                                                 |      |      |      |      |   |
|           |     |                                                                                   |      | 7.9  | 4.76 | 0.79     | WNMG 08 04 08-SM                                |      | ☆    | ☆    | ★    | ☆ |
|           |     |                                                                                   |      | .311 | .188 | .031     |                                                 |      |      |      |      |   |
|           |     |                                                                                   |      | 7.5  | 4.76 | 1.19     | WNMG 08 04 12-SM                                |      | ☆    | ☆    | ★    | ☆ |
|           |     |                                                                                   |      | .295 | .188 | .047     |                                                 |      |      |      |      |   |
|           | SMR | 08                                                                                | 1/2  | 7.9  | 4.76 | 0.79     | WNMG 08 04 08-SMR                               |      | ☆    |      | ★    |   |
|           |     |                                                                                   |      | .311 | .188 | .031     |                                                 |      |      |      |      |   |
|           |     |                                                                                   |      | 7.5  | 4.76 | 1.19     | WNMG 08 04 12-SMR                               |      |      | ☆    |      | ★ |
|           |     |                                                                                   | .295 | .188 | .047 |          |                                                 |      |      |      |      |   |

ENG

# T-Max® P insert for turning

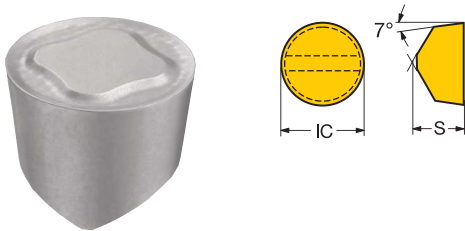
Insert for railway wheel re-turning



|           |    |  | LE    | S     | RE   | W1    | ISO CODE          | P |  |
|-----------|----|-----------------------------------------------------------------------------------|-------|-------|------|-------|-------------------|---|--|
| Finishing | PF | 19                                                                                | 15.1  | 19.05 | 4.00 | 10.0  | LINUX 19 19 40-PF | ★ |  |
|           |    |                                                                                   | .593  | .750  | .157 | .394  |                   |   |  |
|           |    |                                                                                   |       |       |      |       |                   |   |  |
| Medium    | PM | 19                                                                                | 15.1  | 19.05 | 4.00 | 10.0  | LNMX 19 19 40-PM  | ★ |  |
|           |    |                                                                                   | .593  | .750  | .157 | .394  |                   |   |  |
|           |    | 30                                                                                | 26.0  | 19.05 | 4.00 | 12.0  | LNMX 30 19 40-PM  | ★ |  |
|           |    |                                                                                   | 1.024 | .750  | .157 | .472  |                   |   |  |
| Roughing  | XH | 19                                                                                | 15.1  | 19.05 | 4.00 | 10.0  | LINUX 19 19 40-PM | ★ |  |
|           |    |                                                                                   | .593  | .750  | .157 | .394  |                   |   |  |
|           | PR | 50                                                                                | 34.0  | 14.20 | 3.18 | 25.4  | LNMX 50 14 32-XH  | ★ |  |
|           |    |                                                                                   | 1.339 | .559  | .125 | 1.000 |                   |   |  |
|           | PR | 32                                                                                |       | 12.70 | 4.75 | 19.1  | LINUX 32 12 48-PR | ★ |  |
|           |    |                                                                                   |       | .500  | .187 | .750  |                   |   |  |
|           |    | 30                                                                                | 26.0  | 19.05 | 4.00 | 12.0  | LINUX 30 19 40-PR | ★ |  |
|           |    |                                                                                   | 1.024 | .750  | .157 | .472  |                   |   |  |
|           |    |                                                                                   | 26.0  | 19.05 | 4.00 | 12.0  | LNMX 30 19 40-PR  | ★ |  |
|           |    |                                                                                   | 1.024 | .750  | .157 | .472  |                   |   |  |

T-Max® insert for turning

R-style insert (Round)



|        |    |                                                                                   |     |      |      |               |   |  |      |
|--------|----|-----------------------------------------------------------------------------------|-----|------|------|---------------|---|--|------|
|        |    |                                                                                   |     |      |      |               |   |  | S    |
|        |    |  |     |      |      |               |   |  | 6160 |
| Medium | SM | 12                                                                                | 1/2 | 7.94 | 6.35 | ISO CODE      |   |  |      |
|        |    |                                                                                   |     | .313 | .250 | RCMX120700-SM | ★ |  |      |
|        |    |                                                                                   |     |      |      |               |   |  |      |
|        |    |                                                                                   |     |      |      |               |   |  |      |

# CoroTurn® TR cutting unit for turning

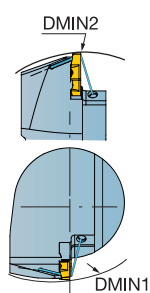
Screw clamp design



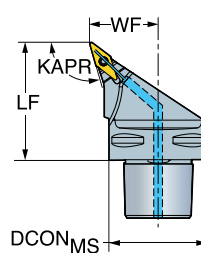
TR-VB

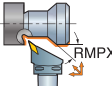


KAPR  
PSIR



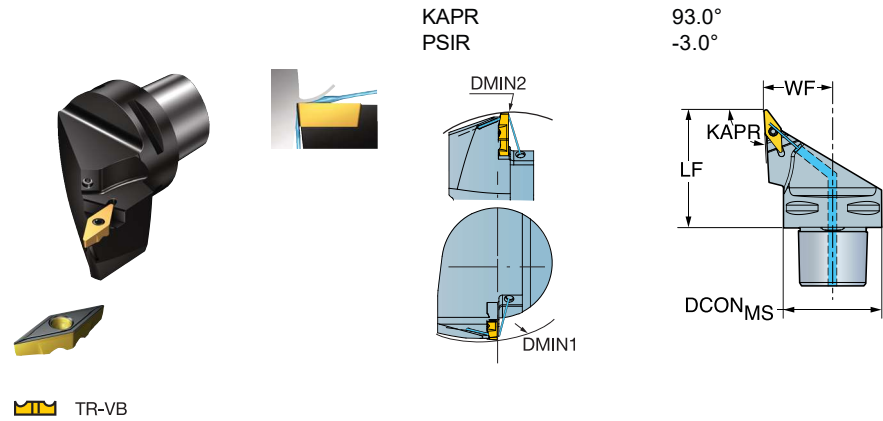
107.5°  
-17.5°



|  |                                                                                   |                   |                   |                   |      |      | Ordering code          | Dimensions, mm, inch |       |       |                                                                                   |                                                                                    |                                                                                     | MIID      |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------|-------------------|-------------------|------|------|------------------------|----------------------|-------|-------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|
|                                                                                   |  | CZC <sub>MS</sub> | DMIN <sub>1</sub> | DMIN <sub>2</sub> | RMPX | CNSC |                        | DCON <sub>MS</sub>   | LF    | WF    |  |  |  |           |
|                                                                                   | 13                                                                                | C4                | 110.0             | 140.0             | 35°  | 3    | C4-TR-V13HBR/L-27050C1 | 40                   | 50.0  | 27.0  | 150                                                                               | 2.0                                                                                | 0.35                                                                                | TR-VB1308 |
|                                                                                   |                                                                                   |                   | 4.331             | 5.512             |      |      |                        | 1.575                | 1.969 | 1.063 | 2175                                                                              |                                                                                    |                                                                                     |           |
|                                                                                   |                                                                                   | C5                | 115.0             | 165.0             | 35°  | 3    | C5-TR-V13HBR/L-35060C1 | 50                   | 60.0  | 35.0  | 150                                                                               | 2.0                                                                                | 0.63                                                                                | TR-VB1308 |
|                                                                                   |                                                                                   |                   | 4.528             | 6.496             |      |      |                        | 1.969                | 2.362 | 1.378 | 2175                                                                              |                                                                                    |                                                                                     |           |
|                                                                                   |                                                                                   | C6                | 120.0             | 190.0             | 35°  | 3    | C6-TR-V13HBR/L-45065C1 | 63                   | 65.0  | 45.0  | 150                                                                               | 2.0                                                                                | 1.12                                                                                | TR-VB1308 |
|                                                                                   |                                                                                   |                   | 4.724             | 7.480             |      |      |                        | 2.480                | 2.559 | 1.772 | 2175                                                                              |                                                                                    |                                                                                     |           |
|                                                                                   |                                                                                   | C8                | 125.0             | 250.0             | 35°  | 3    | C8-TR-V13HBR/L-55080C1 | 80                   | 80.0  | 55.0  | 150                                                                               | 2.0                                                                                | 2.46                                                                                | TR-VB1308 |
|                                                                                   |                                                                                   |                   | 4.921             | 9.843             |      |      |                        | 3.150                | 3.150 | 2.165 | 2175                                                                              |                                                                                    |                                                                                     |           |

R = Right hand, L = Left hand

CoroTurn® TR cutting unit for turning  
Screw clamp design

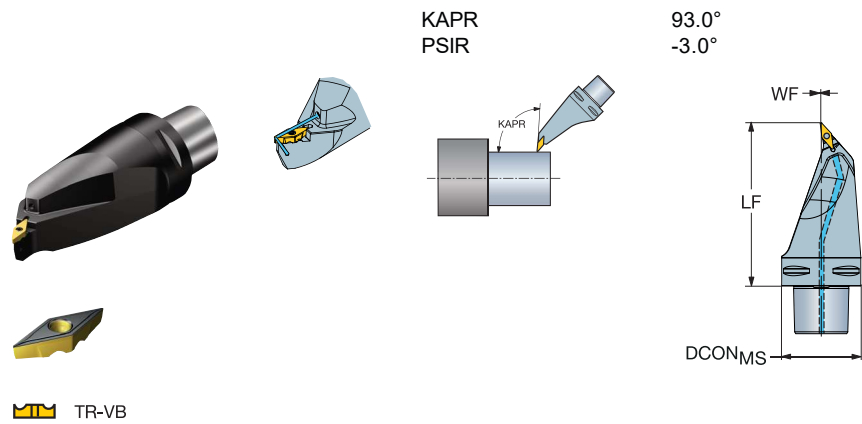


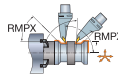
|  |                                                                                   |                   |                   |                   |      |      | Dimensions, mm, inch   |                    |       |       |                                                                                   |     |      | MIID      |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------|-------------------|-------------------|------|------|------------------------|--------------------|-------|-------|-----------------------------------------------------------------------------------|-----|------|-----------|
|                                                                                  |  | CZC <sub>MS</sub> | DMIN <sub>1</sub> | DMIN <sub>2</sub> | RMPX | CNSC | Ordering code          | DCON <sub>MS</sub> | LF    | WF    |  | NM  | KG   |           |
|  | 13                                                                                | C4                | 130.0             | 140.0             | 50°  | 3    | C4-TR-V13JBR/L-27050C1 | 40                 | 50.0  | 27.0  | 150                                                                               | 2.0 | 0.33 | TR-VB1308 |
|                                                                                  |                                                                                   |                   | 5.118             | 5.512             |      |      |                        | 1.575              | 1.969 | 1.063 | 2175                                                                              |     |      |           |
|                                                                                  |                                                                                   | C5                | 130.0             | 165.0             | 50°  | 3    | C5-TR-V13JBR/L-35060C1 | 50                 | 60.0  | 35.0  | 150                                                                               | 2.0 | 0.61 | TR-VB1308 |
|                                                                                  |                                                                                   |                   | 5.118             | 6.496             |      |      |                        | 1.969              | 2.362 | 1.378 | 2175                                                                              |     |      |           |
|                                                                                  |                                                                                   | C6                | 130.0             | 190.0             | 50°  | 3    | C6-TR-V13JBR/L-45065C1 | 63                 | 65.0  | 45.0  | 150                                                                               | 2.0 | 1.02 | TR-VB1308 |
|                                                                                  |                                                                                   |                   | 5.118             | 7.480             |      |      |                        | 2.480              | 2.559 | 1.772 | 2175                                                                              |     |      |           |
|                                                                                  |                                                                                   | C8                | 140.0             | 250.0             | 50°  | 3    | C8-TR-V13JBR/L-55080C1 | 80                 | 80.0  | 55.0  | 150                                                                               | 2.0 | 2.35 | TR-VB1308 |
|                                                                                  |                                                                                   |                   | 5.512             | 9.843             |      |      |                        | 3.150              | 3.150 | 2.165 | 2175                                                                              |     |      |           |

R = Right hand, L = Left hand

# CoroTurn® TR cutting unit for turning

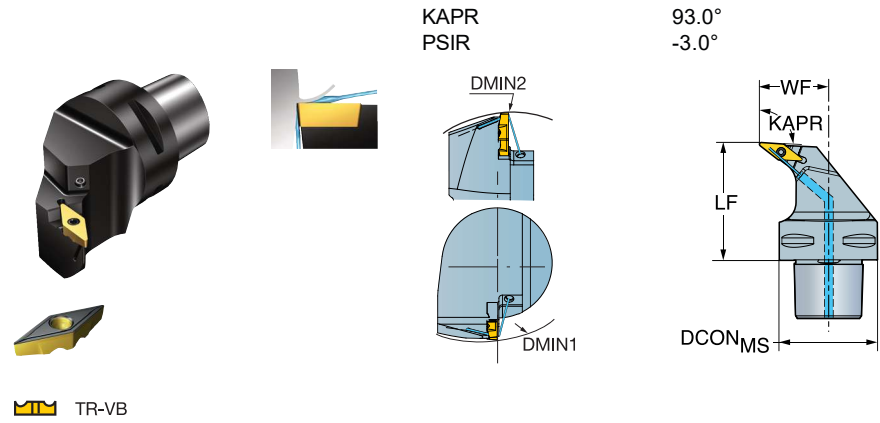
Screw clamp design

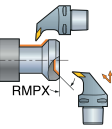


|  |                                                                                   |                   |      |      | Ordering code        | Dimensions, mm, inch |       |      |                                                                                   |                                                                                   |                                                                                   | MIID      |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------|------|------|----------------------|----------------------|-------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------|
|                                                                                   |  | CZC <sub>MS</sub> | RMPX | CNSC |                      | DCON <sub>MS</sub>   | LF    | WF   |  |  |  |           |
|                                                                                   | 13                                                                                | C5                | 50°  | 3    |                      | 50                   | 115.0 | 0.0  | 150                                                                               | 2.0                                                                               | 1.14                                                                              |           |
|                                                                                   |                                                                                   |                   |      |      |                      | 1.969                | 4.528 | .000 | 2175                                                                              |                                                                                   |                                                                                   |           |
|                                                                                   |                                                                                   | C6                | 50°  | 3    |                      | 63                   | 130.0 | 0.0  | 150                                                                               | 2.0                                                                               | 1.99                                                                              |           |
|                                                                                   |                                                                                   |                   |      |      | C6-TR-V13MBL-00130C1 | 2.480                | 5.118 | .000 | 2175                                                                              |                                                                                   |                                                                                   | TR-VB1308 |
|                                                                                   |                                                                                   | C8                | 50°  | 3    | C8-TR-V13MBL-00160C1 | 80                   | 160.0 | 0.0  | 150                                                                               | 2.0                                                                               | 4.05                                                                              | TR-VB1308 |
|                                                                                   |                                                                                   |                   |      |      |                      | 3.150                | 6.299 | .000 | 2175                                                                              |                                                                                   |                                                                                   |           |

R = Right hand, L = Left hand

CoroTurn® TR cutting unit for turning  
Screw clamp design



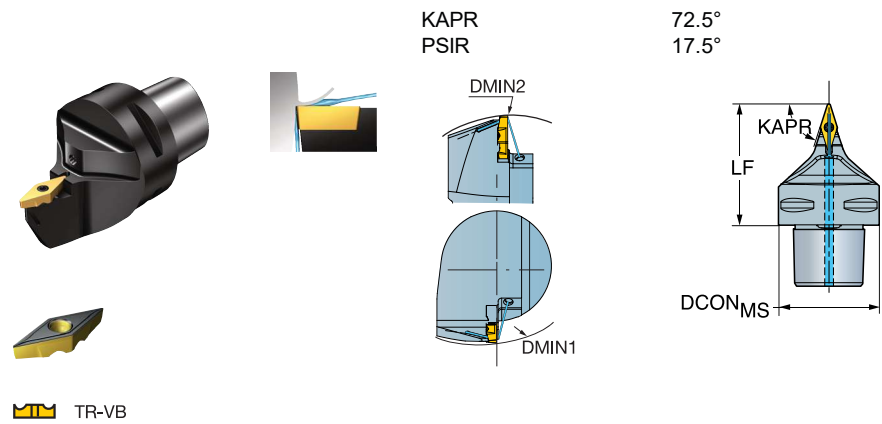
|  |                                                                                   |                   |                   |                   |      |                        |                        | Dimensions, mm, inch |       |       |                                                                                   |                                                                                     |                                                                                     |           |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------|-------------------|-------------------|------|------------------------|------------------------|----------------------|-------|-------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|
|                                                                                   |  | CZC <sub>MS</sub> | DMIN <sub>1</sub> | DMIN <sub>2</sub> | RMPX | CNSC                   | Ordering code          | DCON <sub>MS</sub>   | LF    | WF    |  |  |  | MIID      |
|                                                                                   | 13                                                                                | C4                | 55.0              | 140.0             | 50°  | 3                      | C4-TR-V13UBR/L-27050C1 | 40                   | 50.0  | 27.0  | 150                                                                               | 2.0                                                                                 | 0.37                                                                                | TR-VB1308 |
|                                                                                   |                                                                                   |                   | 2.165             | 5.512             |      |                        |                        | 1.575                | 1.969 | 1.063 | 2175                                                                              |                                                                                     |                                                                                     |           |
|                                                                                   |                                                                                   | C5                | 65.0              | 165.0             | 50°  | 3                      | C5-TR-V13UBR/L-35060C1 | 50                   | 60.0  | 35.0  | 150                                                                               | 2.0                                                                                 | 0.68                                                                                | TR-VB1308 |
|                                                                                   |                                                                                   |                   | 2.559             | 6.496             |      |                        |                        | 1.969                | 2.362 | 1.378 | 2175                                                                              |                                                                                     |                                                                                     |           |
|                                                                                   | C6                                                                                | 85.0              | 190.0             | 50°               | 3    | C6-TR-V13UBR/L-45065C1 | 63                     | 65.0                 | 45.0  | 150   | 2.0                                                                               | 1.20                                                                                | TR-VB1308                                                                           |           |
|                                                                                   |                                                                                   | 3.346             | 7.480             |                   |      |                        | 2.480                  | 2.559                | 1.772 | 2175  |                                                                                   |                                                                                     |                                                                                     |           |
|                                                                                   | C8                                                                                | 110.0             | 250.0             | 50°               | 3    | C8-TR-V13UBR/L-55080C1 | 80                     | 80.0                 | 55.0  | 150   | 2.0                                                                               | 2.51                                                                                | TR-VB1308                                                                           |           |
|                                                                                   |                                                                                   | 4.331             | 9.843             |                   |      |                        | 3.150                  | 3.150                | 2.165 | 2175  |                                                                                   |                                                                                     |                                                                                     |           |

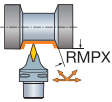
R = Right hand, L = Left hand

ENG

CoroTurn® TR cutting unit for turning

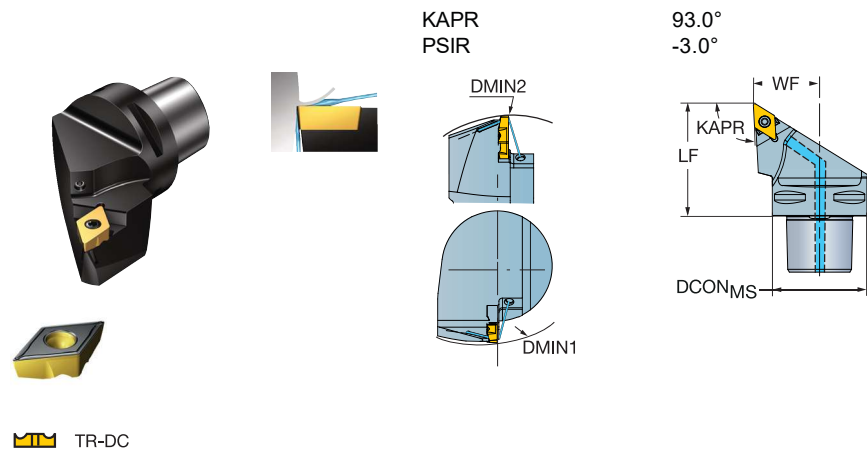
Screw clamp design



|                                                                                   |                                                                                   |                   |                   |      |      | Dimensions, mm, inch |                    |       |      |                                                                                   |                                                                                   |                                                                                    | MIID      |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------|-------------------|------|------|----------------------|--------------------|-------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------|
|                                                                                   |  | CZC <sub>MS</sub> | DMIN <sub>2</sub> | RMPX | CNSC | Ordering code        | DCON <sub>MS</sub> | LF    | WF   |  |  |  |           |
|  | 13                                                                                | C4                | 140.0             | 70°  | 3    | C4-TR-V13VBN-00050C1 | 40                 | 50.0  | 0.5  | 150                                                                               | 2.0                                                                               | 0.29                                                                               | TR-VB1308 |
|                                                                                   |                                                                                   |                   | 5.512             |      |      |                      | 1.575              | 1.969 | .020 | 2175                                                                              |                                                                                   |                                                                                    |           |
|                                                                                   |                                                                                   | C5                | 165.0             | 70°  | 3    | C5-TR-V13VBN-00060C1 | 50                 | 60.0  | 0.5  | 150                                                                               | 2.0                                                                               | 0.58                                                                               | TR-VB1308 |
|                                                                                   |                                                                                   |                   | 6.496             |      |      |                      | 1.969              | 2.362 | .020 | 2175                                                                              |                                                                                   |                                                                                    |           |
|                                                                                   |                                                                                   | C6                | 190.0             | 70°  | 3    | C6-TR-V13VBN-00065C1 | 63                 | 65.0  | 0.5  | 150                                                                               | 2.0                                                                               | 1.00                                                                               | TR-VB1308 |
|                                                                                   |                                                                                   |                   | 7.480             |      |      |                      | 2.480              | 2.559 | .020 | 2175                                                                              |                                                                                   |                                                                                    |           |

R = Right hand, L = Left hand

CoroTurn® TR cutting unit for turning  
Screw clamp design

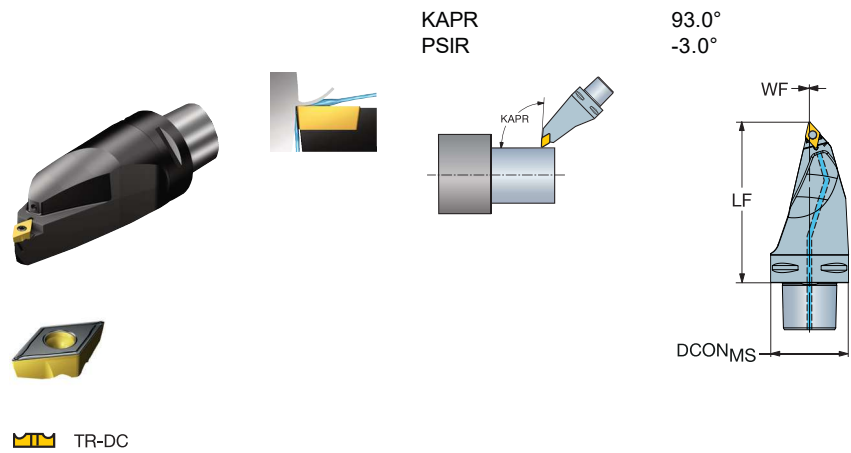


|                                                                                  |                                                                                   |                   |                   |                   |      |      | Dimensions, mm, inch   |                    |       |       |                                                                                   |                                                                                   |                                                                                     | MIID      |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------|-------------------|-------------------|------|------|------------------------|--------------------|-------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------|
|                                                                                  |  | CZC <sub>MS</sub> | DMIN <sub>1</sub> | DMIN <sub>2</sub> | RMPX | CNSC | Ordering code          | DCON <sub>MS</sub> | LF    | WF    |  |  |  |           |
|  | 13                                                                                | C4                | 130.0             | 140.0             | 27°  | 3    | C4-TR-D13JCR/L-27050C1 | 40                 | 50.0  | 27.0  | 150                                                                               | 3.0                                                                               | 0.36                                                                                | TR-DC1308 |
|                                                                                  |                                                                                   |                   | 5.118             | 5.512             |      |      |                        | 1.575              | 1.969 | 1.063 | 2175                                                                              |                                                                                   |                                                                                     |           |
|                                                                                  |                                                                                   | C5                | 130.0             | 165.0             | 27°  | 3    | C5-TR-D13JCR/L-35060C1 | 50                 | 60.0  | 35.0  | 150                                                                               | 3.0                                                                               | 0.67                                                                                | TR-DC1308 |
|                                                                                  |                                                                                   |                   | 5.118             | 6.496             |      |      |                        | 1.969              | 2.362 | 1.378 | 2175                                                                              |                                                                                   |                                                                                     |           |
|                                                                                  |                                                                                   | C6                | 130.0             | 190.0             | 27°  | 3    | C6-TR-D13JCR/L-45065C1 | 63                 | 65.0  | 45.0  | 150                                                                               | 3.0                                                                               | 1.15                                                                                | TR-DC1308 |
|                                                                                  |                                                                                   |                   | 5.118             | 7.480             |      |      |                        | 2.480              | 2.559 | 1.772 | 2175                                                                              |                                                                                   |                                                                                     |           |
|                                                                                  |                                                                                   | C8                | 145.0             | 250.0             | 27°  | 3    | C8-TR-D13JCR/L-55080C1 | 80                 | 80.0  | 55.0  | 150                                                                               | 3.0                                                                               | 2.35                                                                                | TR-DC1308 |
|                                                                                  |                                                                                   |                   | 5.709             | 9.843             |      |      |                        | 3.150              | 3.150 | 2.165 | 2175                                                                              |                                                                                   |                                                                                     |           |

R = Right hand, L = Left hand

CoroTurn® TR cutting unit for turning

Screw clamp design

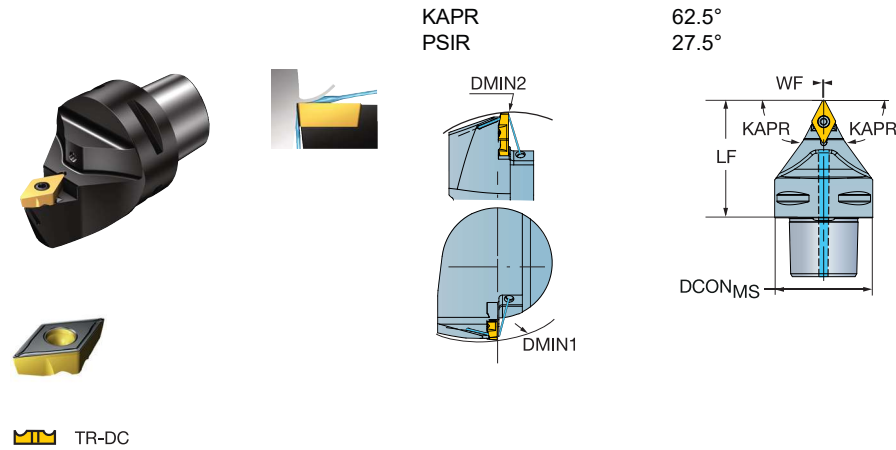


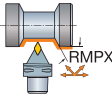
|  |  |    |     |   | Ordering code        | Dimensions, mm, inch |       |      |                        |               |               | MIID      |
|--|--|----|-----|---|----------------------|----------------------|-------|------|------------------------|---------------|---------------|-----------|
|  |  |    |     |   |                      | DCON <sub>MS</sub>   | LF    | WF   | <div>BAR<br/>PSI</div> | <div>NM</div> | <div>KG</div> |           |
|  |  | C5 | 30° | 3 | C5-TR-D13MCL-00115C1 | 50                   | 115.0 | 0.0  | 150                    | 3.0           | 1.22          | TR-DC1308 |
|  |  | C6 | 30° | 3 | C6-TR-D13MCL-00130C1 | 63                   | 130.0 | 0.0  | 150                    | 3.0           | 2.09          | TR-DC1308 |
|  |  |    |     |   |                      | 2.480                | 5.118 | .000 | 2175                   |               |               |           |
|  |  | C8 | 30° | 3 | C8-TR-D13MCL-00160C1 | 80                   | 160.0 | 0.0  | 150                    | 3.0           | 4.29          | TR-DC1308 |
|  |  |    |     |   |                      | 3.150                | 6.299 | .000 | 2175                   |               |               |           |

R = Right hand, L = Left hand

CoroTurn® TR cutting unit for turning

Screw clamp design

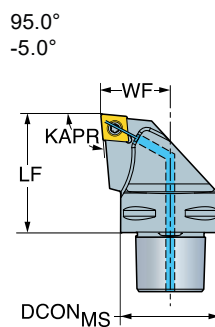
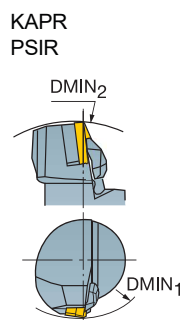


|                                                                                  |                                                                                   |                   |                   |      |      | Dimensions, mm, inch |                    |       |      |                                                                                   |                                                                                   |                                                                                    | MID       |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------|-------------------|------|------|----------------------|--------------------|-------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-----------|
|                                                                                  |  | CZC <sub>MS</sub> | DMIN <sub>2</sub> | RMPX | CNSC | Ordering code        | DCON <sub>MS</sub> | LF    | WF   |  |  |  |           |
|  | 13                                                                                | C4                | 140.0             | 57°  | 3    | C4-TR-D13NCN-00050C1 | 40                 | 50.0  | 0.5  | 150                                                                               | 3.0                                                                               | 0.31                                                                               | TR-DC1308 |
|                                                                                  |                                                                                   |                   | 5.512             |      |      |                      | 1.575              | 1.969 | .020 | 2175                                                                              |                                                                                   |                                                                                    |           |
|                                                                                  |                                                                                   | C5                | 165.0             | 57°  | 3    | C5-TR-D13NCN-00060C1 | 50                 | 60.0  | 0.5  | 150                                                                               | 3.0                                                                               | 0.61                                                                               | TR-DC1308 |
|                                                                                  |                                                                                   |                   | 6.496             |      |      |                      | 1.969              | 2.362 | .020 | 2175                                                                              |                                                                                   |                                                                                    |           |
|                                                                                  |                                                                                   | C6                | 190.0             | 57°  | 3    | C6-TR-D13NCN-00065C1 | 63                 | 65.0  | 0.5  | 150                                                                               | 3.0                                                                               | 1.06                                                                               | TR-DC1308 |
|                                                                                  |                                                                                   |                   | 7.480             |      |      |                      | 2.480              | 2.559 | .020 | 2175                                                                              |                                                                                   |                                                                                    |           |

R = Right hand, L = Left hand

# CoroTurn® 107 cutting unit for turning

## Screw clamp design

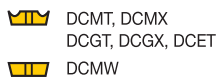
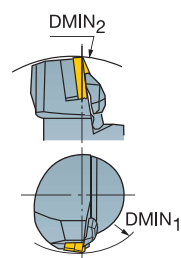


- CCMT, CCGT  
 CCGX, CCET  
 CCMW

|  |        | Dimensions, mm, inch |                   |                   |      |                       |                    |       |       |            |     |      |               |
|--|--------|----------------------|-------------------|-------------------|------|-----------------------|--------------------|-------|-------|------------|-----|------|---------------|
|  |        | CZC <sub>MS</sub>    | DMIN <sub>1</sub> | DMIN <sub>2</sub> | CNSC | Ordering code         | DCON <sub>MS</sub> | LF    | WF    | BAR<br>PSI | NM  | KG   | MIID          |
|  | 09 3/8 | C3                   | 130.0             | 120.0             | 3    | C3-SCLCR/L-22040-09C1 | 32                 | 40.0  | 22.0  | 150        | 3.0 | 0.19 | CCMT 09 T3 08 |
|  |        |                      | 5.118             | 4.724             |      |                       | 1.260              | 1.575 | .866  | 2175       |     |      |               |
|  |        | C4                   | 130.0             | 140.0             | 3    | C4-SCLCR/L-27050-09C1 | 40                 | 50.0  | 27.0  | 150        | 3.0 | 0.44 | CCMT 09 T3 08 |
|  |        |                      | 5.118             | 5.512             |      |                       | 1.575              | 1.969 | 1.063 | 2175       |     |      |               |
|  | 12 1/2 | C4                   | 125.0             | 140.0             | 3    | C4-SCLCR/L-27050-12C1 | 40                 | 50.0  | 27.0  | 150        | 3.0 | 0.44 | CCMT 12 04 08 |
|  |        |                      | 4.921             | 5.512             |      |                       | 1.575              | 1.969 | 1.063 | 2175       |     |      |               |
|  |        | C5                   | 125.0             | 165.0             | 3    | C5-SCLCR/L-35060-12C1 | 50                 | 60.0  | 35.0  | 150        | 3.0 | 0.76 | CCMT 12 04 08 |
|  |        |                      | 4.921             | 6.496             |      |                       | 1.969              | 2.362 | 1.378 | 2175       |     |      |               |
|  |        | C6                   | 125.0             | 190.0             | 3    | C6-SCLCR/L-45065-12C1 | 63                 | 65.0  | 45.0  | 150        | 3.0 | 1.30 | CCMT 12 04 08 |
|  |        |                      | 4.921             | 7.480             |      |                       | 2.480              | 2.559 | 1.772 | 2175       |     |      |               |

R = Right hand, L = Left hand

## ENG



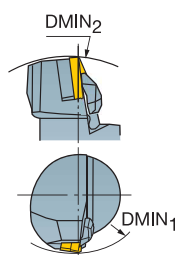
R = Right hand, L = Left hand

# CoroTurn® 107 cutting unit for turning

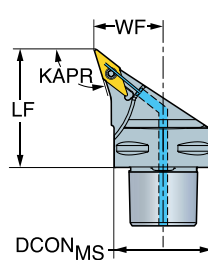
## Screw clamp design



KAPR  
PSIR



107.5°  
-17.5°

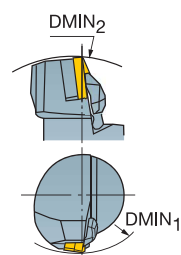


VBMT, VBGT  
VCGX,  
VCGT, VCET  
 VBMW, VCMW

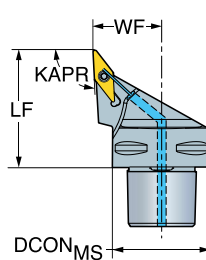
|  |    |     |                   |                   |                   |      |      | Dimensions, mm, inch  |                    |       |       |      |     |      |               |
|--|----|-----|-------------------|-------------------|-------------------|------|------|-----------------------|--------------------|-------|-------|------|-----|------|---------------|
|  |    |     | CZC <sub>MS</sub> | DMIN <sub>1</sub> | DMIN <sub>2</sub> | RMPX | CNSC | Ordering code         | DCON <sub>MS</sub> | LF    | WF    |      |     |      | MIID          |
|  | 16 | 3/8 | C4                | 95.0              | 140.0             | 35°  | 3    | C4-SVHBR/L-27050-16C1 | 40                 | 50.0  | 27.0  | 150  | 3.0 | 0.33 | VBMT 16 04 08 |
|  |    |     |                   | 3.740             | 5.512             |      |      |                       | 1.575              | 1.969 | 1.063 | 2175 |     |      |               |
|  |    |     | C5                | 95.0              | 165.0             | 35°  | 3    | C5-SVHBR/L-35060-16C1 | 50                 | 60.0  | 35.0  | 150  | 3.0 | 0.62 | VBMT 16 04 08 |
|  |    |     |                   | 3.740             | 6.496             |      |      |                       | 1.969              | 2.362 | 1.378 | 2175 |     |      |               |
|  |    |     | C6                | 95.0              | 190.0             | 35°  | 3    | C6-SVHBR/L-45065-16C1 | 63                 | 65.0  | 45.0  | 150  | 3.0 | 1.11 | VBMT 16 04 08 |
|  |    |     |                   | 3.740             | 7.480             |      |      |                       | 2.480              | 2.559 | 1.772 | 2175 |     |      |               |

R = Right hand, L = Left hand

### Screw clamp design



93.0°  
-3.0°



|                                                                                   |                                  |
|-----------------------------------------------------------------------------------|----------------------------------|
|  | VBMT, VBG<br>VCGX,<br>VCGT, VCET |
|  | VBMW, VCMW                       |

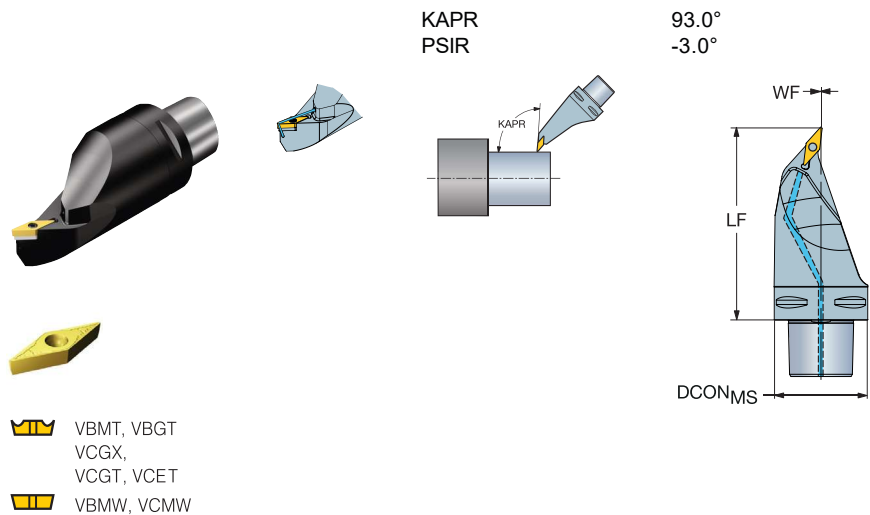
|                                                                                  |                                                                                   |                                                                                   |                   |                   |                   |      |                       | Dimensions, mm, inch   |                    |       |       |                                                                                               |                                                                                        |                                                                                        |               |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------|-------------------|-------------------|------|-----------------------|------------------------|--------------------|-------|-------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------|
|  |  |  | CZC <sub>MS</sub> | DMIN <sub>1</sub> | DMIN <sub>2</sub> | RMPX | CNSC                  | Ordering code          | DCON <sub>MS</sub> | LF    | WF    |  BAR<br>PSI |  NM |  KG | MID           |
|                                                                                  | 11                                                                                | 1/4                                                                               | C3                | 105.0             | 120.0             | 50°  | 3                     | C3-SVJBR/L-2204011B1C1 | 32                 | 40.0  | 22.0  | 150                                                                                           | 0.9                                                                                    | 0.21                                                                                   | VBMT 11 03 04 |
|                                                                                  |                                                                                   |                                                                                   |                   | 4.134             | 4.724             |      |                       |                        | 1.260              | 1.575 | .866  | 2175                                                                                          |                                                                                        |                                                                                        |               |
|                                                                                  |                                                                                   |                                                                                   | C4                | 105.0             | 140.0             | 50°  | 3                     | C4-SVJBL-2705011B1C1   | 40                 | 50.0  | 27.0  | 150                                                                                           | 0.9                                                                                    | 0.36                                                                                   | VBMT 11 03 04 |
|                                                                                  |                                                                                   |                                                                                   |                   | 4.134             | 5.512             |      |                       |                        | 1.575              | 1.969 | 1.063 | 2175                                                                                          |                                                                                        |                                                                                        |               |
|                                                                                  |                                                                                   |                                                                                   | C4                | 105.0             | 140.0             | 50°  | 3                     | C4-SVJBR-2705011B1C1   | 40                 | 50.0  | 27.0  | 150                                                                                           | 3.0                                                                                    | 0.36                                                                                   | VBMT 11 03 04 |
|                                                                                  |                                                                                   |                                                                                   |                   | 4.134             | 5.512             |      |                       |                        | 1.575              | 1.969 | 1.063 | 2175                                                                                          |                                                                                        |                                                                                        |               |
|                                                                                  | 16                                                                                | 3/8                                                                               | C4                | 155.0             | 140.0             | 50°  | 3                     | C4-SVJBR/L-27050-16C1  | 40                 | 50.0  | 27.0  | 150                                                                                           | 3.0                                                                                    | 0.33                                                                                   | VBMT 16 04 08 |
|                                                                                  |                                                                                   |                                                                                   |                   | 6.102             | 5.512             |      |                       |                        | 1.575              | 1.969 | 1.063 | 2175                                                                                          |                                                                                        |                                                                                        |               |
|                                                                                  |                                                                                   |                                                                                   | C5                | 155.0             | 165.0             | 50°  | 3                     | C5-SVJBR/L-35060-16C1  | 50                 | 60.0  | 35.0  | 150                                                                                           | 3.0                                                                                    | 0.63                                                                                   | VBMT 16 04 08 |
|                                                                                  |                                                                                   |                                                                                   |                   | 6.102             | 6.496             |      |                       |                        | 1.969              | 2.362 | 1.378 | 2175                                                                                          |                                                                                        |                                                                                        |               |
|                                                                                  |                                                                                   |                                                                                   | C6                | 155.0             | 190.0             | 50°  | 3                     | C6-SVJBR/L-45065-16C1  | 63                 | 65.0  | 45.0  | 150                                                                                           | 3.0                                                                                    | 1.11                                                                                   | VBMT 16 04 08 |
|                                                                                  |                                                                                   |                                                                                   | 6.102             | 7.480             |                   |      |                       | 2.480                  | 2.559              | 1.772 | 2175  |                                                                                               |                                                                                        |                                                                                        |               |
|                                                                                  |                                                                                   | C8                                                                                | 220.0             | 250.0             | 50°               | 3    | C8-SVJBR/L-55080-16C1 | 80                     | 80.0               | 55.0  | 150   | 3.0                                                                                           | 2.32                                                                                   | VBMT 16 04 08                                                                          |               |
|                                                                                  |                                                                                   |                                                                                   | 8.661             | 9.843             |                   |      |                       | 3.150                  | 3.150              | 2.165 | 2175  |                                                                                               |                                                                                        |                                                                                        |               |

R = Right hand, L = Left hand

ENG

CoroTurn® 107 cutting unit for turning

Screw clamp design

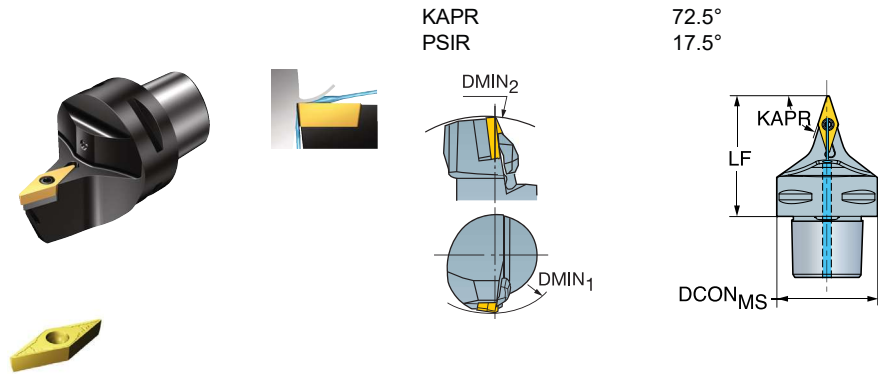


|  |    |     |    |     |   | Dimensions, mm, inch  |       |       |      |      |     |      |               |
|--|----|-----|----|-----|---|-----------------------|-------|-------|------|------|-----|------|---------------|
|  |    |     |    |     |   |                       |       |       |      |      |     |      |               |
|  | 16 | 3/8 | C6 | 50° | 3 | C6-SVMBR/L-00130-16C1 | 63    | 130.0 | 0.0  | 150  | 3.0 | 2.10 | VBMT 16 04 08 |
|  |    |     | C8 | 50° | 3 | C8-SVMBR/L-00160-16C1 | 80    | 160.0 | 0.0  | 150  | 3.0 | 4.25 | VBMT 16 04 08 |
|  |    |     |    |     |   |                       | 3.150 | 6.299 | .000 | 2175 |     |      |               |
|  |    |     |    |     |   |                       |       |       |      |      |     |      |               |

R = Right hand, L = Left hand

CoroTurn® 107 cutting unit for turning

Screw clamp design



- VBMT, VBG  
VCGX,  
VCGT, VCET
- VBMW, VCMW

|  |    |     |                   |                   |      |      | Dimensions, mm, inch |                    |       |      |      |     |      |               |  |
|--|----|-----|-------------------|-------------------|------|------|----------------------|--------------------|-------|------|------|-----|------|---------------|--|
|  |    |     | CZC <sub>MS</sub> | DMIN <sub>2</sub> | RMPX | CNSC | Ordering code        | DCON <sub>MS</sub> | LF    | WF   |      |     |      | MIID          |  |
|  | 16 | 3/8 | C4                | 145.0             | 70°  | 3    | C4-SVVBN-00055-16C1  | 40                 | 55.0  | 0.6  | 150  | 3.0 | 0.31 | VBMT 16 04 08 |  |
|  |    |     |                   | 5.709             |      |      |                      | 1.575              | 2.165 | .024 | 2175 |     |      |               |  |
|  |    |     | C5                | 165.0             | 70°  | 3    | C5-SVVBN-00060-16C1  | 50                 | 60.0  | 0.6  | 150  | 3.0 | 0.55 | VBMT 16 04 08 |  |
|  |    |     |                   | 6.496             |      |      |                      | 1.969              | 2.362 | .024 | 2175 |     |      |               |  |
|  |    |     | C6                | 190.0             | 70°  | 3    | C6-SVVBN-00065-16C1  | 63                 | 65.0  | 0.6  | 150  | 3.0 | 0.97 | VBMT 16 04 08 |  |
|  |    |     |                   | 7.480             |      |      |                      | 2.480              | 2.559 | .024 | 2175 |     |      |               |  |

R = Right hand, L = Left hand

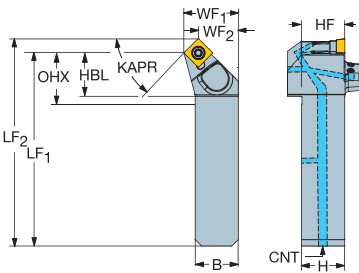
# CoroTurn® 107 QS shank tool for turning

Screw clamp design



KAPR  
PSIR

45.0°  
45.0°

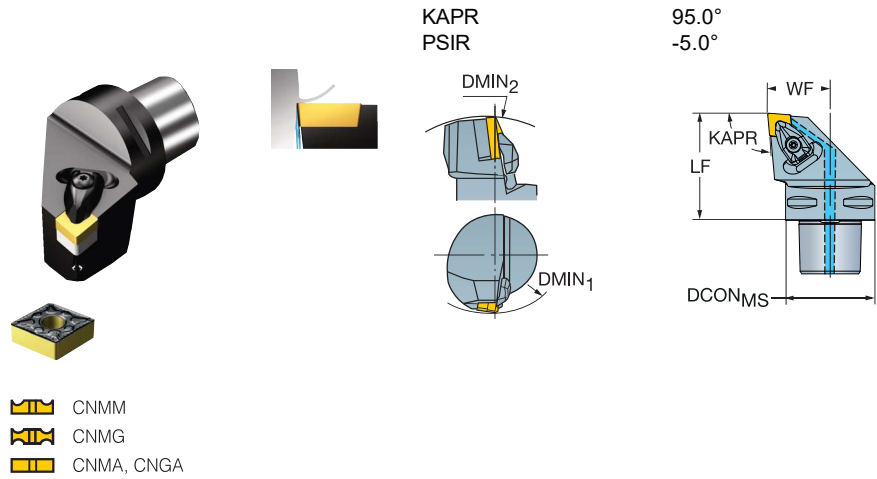


## Metric version

|  |                                                                                   |                   |      |      | Dimensions, mm   |      |      |      |       |      |      |          |                                                                                     |                                                                                     |                                                                                     |               |  | MIID |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------|------|------|------------------|------|------|------|-------|------|------|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|--|------|
|                                                                                   |  | CZC <sub>MS</sub> | OHX  | CNSC | Ordering code    | B    | H    | HBL  | LF    | WF   | HF   | CNT      |  |  |  |               |  |      |
|                                                                                   | 09                                                                                | 20 x 20           | 52.5 | 3    | QS-SSDCR202009C1 | 20.0 | 20.0 | 27.5 | 90.1  | 25.0 | 20.0 | G 1/8-28 | 150                                                                                 | 3.0                                                                                 | 0.26                                                                                | SCMT 09 T3 08 |  |      |
|                                                                                   |                                                                                   | 25 x 25           | 53.5 | 3    | QS-SSDCR252509C1 | 25.0 | 25.0 | 28.5 | 106.1 | 32.0 | 25.0 | G 1/8-28 | 150                                                                                 | 3.0                                                                                 | 0.47                                                                                | SCMT 09 T3 08 |  |      |
|                                                                                   |                                                                                   |                   |      |      |                  |      |      |      |       |      |      |          |                                                                                     |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |                                                                                   |                   |      |      |                  |      |      |      |       |      |      |          |                                                                                     |                                                                                     |                                                                                     |               |  |      |

T-Max® P cutting unit for turning

Rigid clamp design



|  |    |     |                   |                   |                   |      | Dimensions, mm, inch  |                    |       |       |      |     |      |               |
|--|----|-----|-------------------|-------------------|-------------------|------|-----------------------|--------------------|-------|-------|------|-----|------|---------------|
|  |    |     | CZC <sub>MS</sub> | DMIN <sub>1</sub> | DMIN <sub>2</sub> | CNSC | Ordering code         | DCON <sub>MS</sub> | LF    | WF    |      |     |      | MIID          |
|  | 12 | 1/2 | C4                | 110.0             | 140.0             | 3    | C4-DCLNR/L-27050-12B1 | 40                 | 50.0  | 27.0  | 150  | 3.9 | 0.41 | CNMG 12 04 08 |
|  |    |     |                   | 4.331             | 5.512             |      |                       | 1.575              | 1.969 | 1.063 | 2175 |     |      |               |
|  |    |     | C5                | 110.0             | 165.0             | 3    | C5-DCLNR/L-35060-12B1 | 50                 | 60.0  | 35.0  | 150  | 3.9 | 0.73 | CNMG 12 04 08 |
|  |    |     |                   | 4.331             | 6.496             |      |                       | 1.969              | 2.362 | 1.378 | 2175 |     |      |               |
|  |    |     |                   | 4.921             | 7.480             |      |                       | 2.480              | 2.559 | 1.772 | 2175 |     |      |               |
|  | 16 | 5/8 | C6                | 125.0             | 190.0             | 3    | C6-DCLNR/L-45065-16B1 | 63                 | 65.0  | 45.0  | 150  | 6.4 | 1.27 | CNMG 16 06 12 |
|  |    |     |                   | 4.921             | 7.480             |      |                       | 2.480              | 2.559 | 1.772 | 2175 |     |      |               |
|  | 19 | 3/4 | C8                | 100.0             | 250.0             | 3    | C8-DCLNR/L-55080-19B1 | 80                 | 80.0  | 55.0  | 150  | 6.4 | 2.59 | CNMG 19 06 12 |
|  |    |     |                   | 3.937             | 9.843             |      |                       | 3.150              | 3.150 | 2.165 | 2175 |     |      |               |

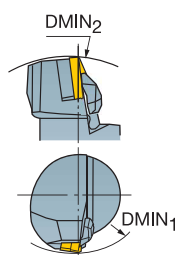
R = Right hand, L = Left hand

# T-Max® P cutting unit for turning

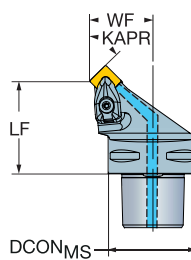
Rigid clamp design



KAPR  
PSIR



45.0°  
45.0°

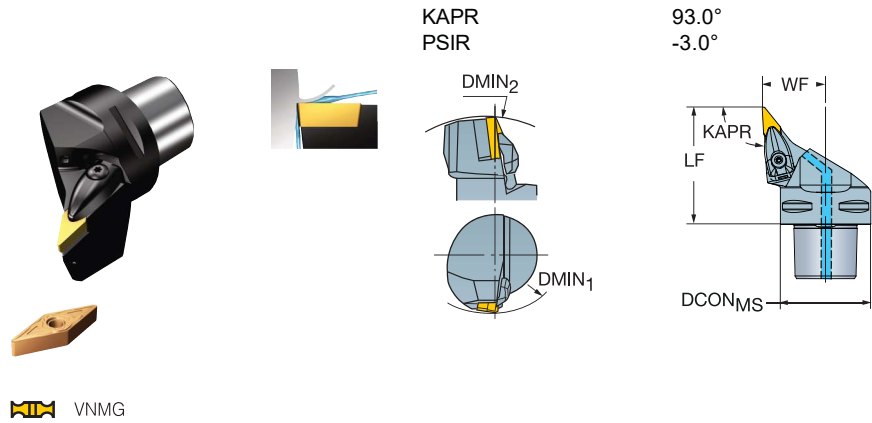


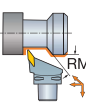
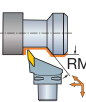
|  |    |     |                   |                   |                   |      | Dimensions, mm, inch  |                    |       |       |       |      |     |      |               |
|--|----|-----|-------------------|-------------------|-------------------|------|-----------------------|--------------------|-------|-------|-------|------|-----|------|---------------|
|  |    |     | CZC <sub>MS</sub> | DMIN <sub>1</sub> | DMIN <sub>2</sub> | CNSC | Ordering code         | DCON <sub>MS</sub> | LPR   | LF    | WF    |      |     |      |               |
|  | 12 | 1/2 | C4                | 110.0             | 140.0             | 3    | C4-DSSNR/L-27042-12B1 | 40                 | 50.3  | 42.0  | 27.0  | 150  | 3.9 | 0.35 | SNMG 12 04 08 |
|  |    |     |                   | 4.331             | 5.512             |      |                       | 1.575              | 1.981 | 1.654 | 1.063 | 2175 |     |      |               |
|  |    |     | C5                | 110.0             | 165.0             | 3    | C5-DSSNR/L-35052-12B1 | 50                 | 60.3  | 52.0  | 35.0  | 150  | 3.9 | 0.67 | SNMG 12 04 08 |
|  |    |     |                   | 4.331             | 6.496             |      |                       | 1.969              | 2.375 | 2.047 | 1.378 | 2175 |     |      |               |
|  | 15 | 5/8 | C6                | 120.0             | 190.0             | 3    | C6-DSSNR/L-45054-15B1 | 63                 | 64.2  | 54.0  | 45.0  | 150  | 6.4 | 1.13 | SNMG 15 06 12 |
|  |    |     |                   | 4.724             | 7.480             |      |                       | 2.480              | 2.529 | 2.126 | 1.772 | 2175 |     |      |               |

R = Right hand, L = Left hand

T-Max® P cutting unit for turning

Rigid clamp design



|  |                                                                                   |                                                                                   |                   |                   |                   |      |      |                       | Dimensions, mm, inch |       |       |                                                                                   |                                                                                    |                                                                                     |               |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------|-------------------|-------------------|------|------|-----------------------|----------------------|-------|-------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|
|                                                                                  |  |  | CZC <sub>MS</sub> | DMIN <sub>1</sub> | DMIN <sub>2</sub> | RMPX | CNSC | Ordering code         | DCON <sub>MS</sub>   | LF    | WF    |  |  |  | MIID          |
|  | 16                                                                                | 3/8                                                                               | C4                | 110.0             | 155.0             | 50°  | 3    | C4-DVJNR/L-27062-16C1 | 40                   | 62.0  | 27.0  | 150                                                                               | 3.0                                                                                | 0.40                                                                                | VNMG 16 04 08 |
|                                                                                  |                                                                                   |                                                                                   |                   | 4.331             | 6.102             |      |      |                       | 1.575                | 2.441 | 1.063 | 2175                                                                              |                                                                                    |                                                                                     |               |
|                                                                                  |                                                                                   |                                                                                   | C5                | 110.0             | 170.0             | 50°  | 3    | C5-DVJNR/L-35065-16C1 | 50                   | 65.0  | 35.0  | 150                                                                               | 3.0                                                                                | 0.67                                                                                | VNMG 16 04 08 |
|                                                                                  |                                                                                   |                                                                                   |                   | 4.331             | 6.693             |      |      |                       | 1.969                | 2.559 | 1.378 | 2175                                                                              |                                                                                    |                                                                                     |               |
|                                                                                  |                                                                                   |                                                                                   | C6                | 110.0             | 190.0             | 50°  | 3    | C6-DVJNR/L-45065-16C1 | 63                   | 65.0  | 45.0  | 150                                                                               | 3.0                                                                                | 1.03                                                                                | VNMG 16 04 08 |
|                                                                                  |                                                                                   |                                                                                   |                   | 4.331             | 7.480             |      |      |                       | 2.480                | 2.559 | 1.772 | 2175                                                                              |                                                                                    |                                                                                     |               |
|                                                                                  |                                                                                   |                                                                                   | C8                | 110.0             | 250.0             | 50°  | 3    | C8-DVJNR/L-55080-16C1 | 80                   | 80.0  | 55.0  | 150                                                                               | 3.0                                                                                | 2.23                                                                                | VNMG 16 04 08 |
|                                                                                  |                                                                                   |                                                                                   |                   | 4.331             | 9.843             |      |      |                       | 3.150                | 3.150 | 2.165 | 2175                                                                              |                                                                                    |                                                                                     |               |

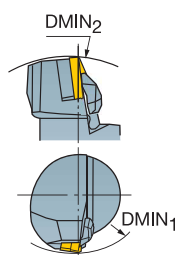
R = Right hand, L = Left hand

# T-Max® P cutting unit for turning

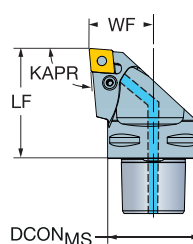
Lever clamp design



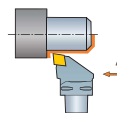
KAPR  
PSIR



95.0°  
-5.0°

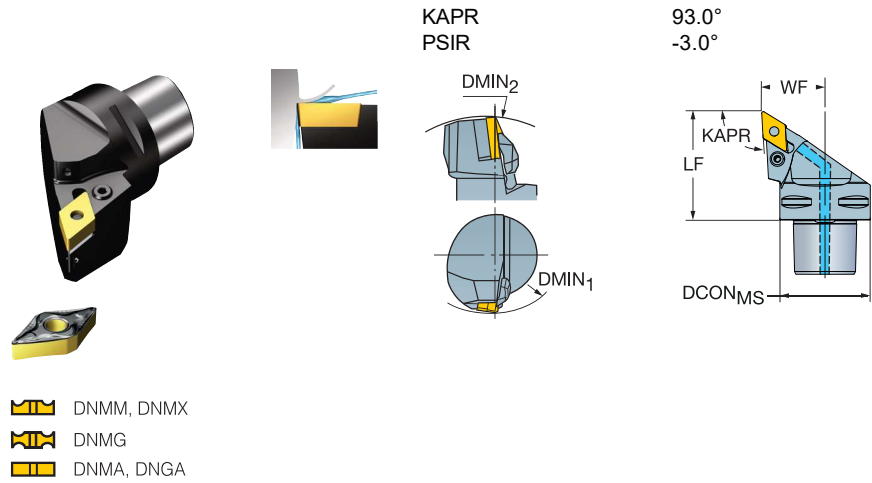


 CNMM  
 CNMG  
 CNMA, CNGA

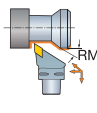
|                                                                                   |                                                                                   | Dimensions, mm, inch |                   |                   |      |                       |                    |       |       |                        |               |               |               |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------|-------------------|-------------------|------|-----------------------|--------------------|-------|-------|------------------------|---------------|---------------|---------------|
|  |  | CZC <sub>MS</sub>    | DMIN <sub>1</sub> | DMIN <sub>2</sub> | CNSC | Ordering code         | DCON <sub>MS</sub> | LF    | WF    | <div>BAR<br/>PSI</div> | <div>NM</div> | <div>KG</div> | MIID          |
|                                                                                   | 12 1/2                                                                            | C3                   | 65.0              | 125.0             | 3    | C3-PCLNR/L-22045-12C1 | 32                 | 45.0  | 22.0  | 150                    | 5.0           | 0.24          | CNMG 12 04 08 |
|                                                                                   |                                                                                   |                      | 2.559             | 4.921             |      |                       | 1.260              | 1.772 | .866  | 2175                   |               |               |               |
|                                                                                   |                                                                                   | C4                   | 65.0              | 140.0             | 3    | C4-PCLNR/L-27050-12C1 | 40                 | 50.0  | 27.0  | 150                    | 5.0           | 0.42          | CNMG 12 04 08 |
|                                                                                   |                                                                                   |                      | 2.559             | 5.512             |      |                       | 1.575              | 1.969 | 1.063 | 2175                   |               |               |               |
|                                                                                   |                                                                                   | C5                   | 90.0              | 165.0             | 3    | C5-PCLNR/L-35060-12C1 | 50                 | 60.0  | 35.0  | 150                    | 5.0           | 0.76          | CNMG 12 04 08 |
|                                                                                   |                                                                                   |                      | 3.543             | 6.496             |      |                       | 1.969              | 2.362 | 1.378 | 2175                   |               |               |               |
|                                                                                   |                                                                                   | C6                   | 85.0              | 195.0             | 3    | C6-PCLNR/L-45065-12C1 | 63                 | 65.0  | 45.0  | 150                    | 5.0           | 1.31          | CNMG 12 04 08 |
|                                                                                   |                                                                                   |                      | 3.346             | 7.677             |      |                       | 2.480              | 2.559 | 1.772 | 2175                   |               |               |               |
|                                                                                   |                                                                                   | C8                   | 110.0             | 250.0             | 3    | C8-PCLNR/L-55080-12C1 | 80                 | 80.0  | 55.0  | 150                    | 5.0           | 2.71          | CNMG 12 04 08 |
|                                                                                   |                                                                                   |                      | 4.331             | 9.843             |      |                       | 3.150              | 3.150 | 2.165 | 2175                   |               |               |               |
|                                                                                   | 16 5/8                                                                            | C6                   | 105.0             | 195.0             | 3    | C6-PCLNR/L-45065-16C1 | 63                 | 65.0  | 45.0  | 150                    | 5.0           | 1.34          | CNMG 16 06 12 |
|                                                                                   |                                                                                   |                      | 4.134             | 7.677             |      |                       | 2.480              | 2.559 | 1.772 | 2175                   |               |               |               |
|                                                                                   |                                                                                   | C8                   | 110.0             | 250.0             | 3    | C8-PCLNR/L-55080-16C1 | 80                 | 80.0  | 55.0  | 150                    | 5.0           | 2.75          | CNMG 16 06 12 |
|                                                                                   |                                                                                   |                      | 4.331             | 9.843             |      |                       | 3.150              | 3.150 | 2.165 | 2175                   |               |               |               |

R = Right hand, L = Left hand

T-Max® P cutting unit for turning  
Lever clamp design



- DNMM, DNMX
- DNMG
- DNMA, DNGA

|                                                                                  |    |                                                                                   |                                                                                   |                   |                   |                   |      |                       |                         | Dimensions, mm, inch |       |      |                                                                                   |                                                                                    |                                                                                     | MIID          |
|----------------------------------------------------------------------------------|----|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------|-------------------|-------------------|------|-----------------------|-------------------------|----------------------|-------|------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|
|                                                                                  |    |  |  | CZC <sub>MS</sub> | DMIN <sub>1</sub> | DMIN <sub>2</sub> | RMPX | CNSC                  | Ordering code           | DCON <sub>MS</sub>   | LF    | WF   |  |  |  |               |
|  | 11 | 3/8                                                                               | C4                                                                                | 75.0              | 140.0             | 27°               | 3    | C4-PDJNR/L-27050-11C1 | 40                      | 50.0                 | 27.0  | 150  | 2.0                                                                               | 0.39                                                                               |                                                                                     | DNMG 11 04 08 |
|                                                                                  |    |                                                                                   |                                                                                   | 2.953             | 5.512             |                   |      |                       | 1.575                   | 1.969                | 1.063 | 2175 |                                                                                   |                                                                                    |                                                                                     |               |
|                                                                                  |    |                                                                                   |                                                                                   | C5                | 85.0              | 165.0             | 27°  | 3                     | C5-PDJNR/L-35060-11C1   | 50                   | 60.0  | 35.0 | 150                                                                               | 2.0                                                                                | 0.73                                                                                | DNMG 11 04 08 |
|                                                                                  |    |                                                                                   |                                                                                   | 3.346             | 6.496             |                   |      |                       | 1.969                   | 2.362                | 1.378 | 2175 |                                                                                   |                                                                                    |                                                                                     |               |
|                                                                                  | 15 | 1/2                                                                               | C4                                                                                | 85.0              | 145.0             | 27°               | 3    | C4-PDJNR/L-27055-15C1 | 40                      | 55.0                 | 27.0  | 150  | 5.0                                                                               | 0.42                                                                               |                                                                                     | DNMG 15 06 08 |
|                                                                                  |    |                                                                                   |                                                                                   | 3.346             | 5.709             |                   |      |                       | 1.575                   | 2.165                | 1.063 | 2175 |                                                                                   |                                                                                    |                                                                                     |               |
|                                                                                  |    |                                                                                   |                                                                                   | C5                | 80.0              | 165.0             | 27°  | 3                     | C5-PDJNR/L-35060-1504C1 | 50                   | 60.0  | 35.0 | 150                                                                               | 5.0                                                                                | 0.71                                                                                | DNMG 15 04 08 |
|                                                                                  |    |                                                                                   |                                                                                   | 3.150             | 6.496             |                   |      |                       | 1.969                   | 2.362                | 1.378 | 2175 |                                                                                   |                                                                                    |                                                                                     |               |
|                                                                                  |    |                                                                                   | C5                                                                                | 80.0              | 165.0             | 27°               | 3    | C5-PDJNR/L-35060-15C1 | 50                      | 60.0                 | 35.0  | 150  | 5.0                                                                               | 0.71                                                                               |                                                                                     | DNMG 15 06 08 |
|                                                                                  |    |                                                                                   |                                                                                   | 3.150             | 6.496             |                   |      |                       | 1.969                   | 2.362                | 1.378 | 2175 |                                                                                   |                                                                                    |                                                                                     |               |
|                                                                                  |    |                                                                                   |                                                                                   | C6                | 90.0              | 190.0             | 27°  | 3                     | C6-PDJNR/L-45065-1504C1 | 63                   | 65.0  | 45.0 | 150                                                                               | 5.0                                                                                | 1.18                                                                                | DNMG 15 04 08 |
|                                                                                  |    |                                                                                   |                                                                                   | 3.543             | 7.480             |                   |      |                       | 2.480                   | 2.559                | 1.772 | 2175 |                                                                                   |                                                                                    |                                                                                     |               |
|                                                                                  |    |                                                                                   | C6                                                                                | 90.0              | 190.0             | 27°               | 3    | C6-PDJNR/L-45065-15C1 | 63                      | 65.0                 | 45.0  | 150  | 5.0                                                                               | 1.18                                                                               |                                                                                     | DNMG 15 06 08 |
|                                                                                  |    |                                                                                   |                                                                                   | 3.543             | 7.480             |                   |      |                       | 2.480                   | 2.559                | 1.772 | 2175 |                                                                                   |                                                                                    |                                                                                     |               |
|                                                                                  | C8 |                                                                                   |                                                                                   | 120.0             | 250.0             | 27°               | 3    | C8-PDJNR/L-55080-15C1 | 80                      | 65.0                 | 45.0  | 150  | 5.0                                                                               | 2.42                                                                               |                                                                                     | DNMG 15 06 08 |
|                                                                                  |    |                                                                                   |                                                                                   | 4.724             | 9.843             |                   |      |                       | 3.150                   | 2.559                | 1.772 | 2175 |                                                                                   |                                                                                    |                                                                                     |               |

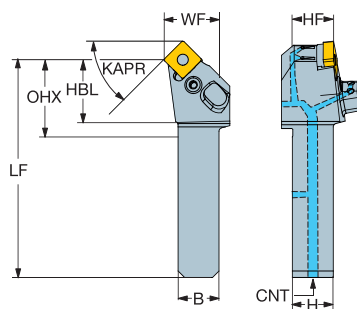
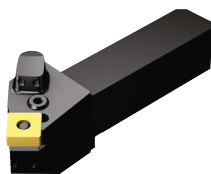
R = Right hand, L = Left hand

# T-Max® P QS shank tool for turning

Lever clamp design

KAPR  
PSIR

45.0°  
45.0°



## Metric version

|  | Dimensions, mm                                                                    |                   |      |      |                     |      |      |      |       |      |      |          |                                                                                     |                                                                                     |                                                                                     | MIID |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------|------|------|---------------------|------|------|------|-------|------|------|----------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|
|                                                                                   |  | CZC <sub>MS</sub> | OHX  | CNSC | Ordering code       | B    | H    | HBL  | LF    | WF   | HF   | CNT      |  |  |  |      |
|                                                                                   | 12                                                                                | 20 x 20           | 52.7 | 3    | QS-PSSNR/L2020-12C1 | 20.0 | 20.0 | 32.7 | 101.7 | 25.0 | 20.0 | G 1/8-28 | 150                                                                                 | 5.0                                                                                 | 0.33                                                                                |      |
|                                                                                   |                                                                                   | 25 x 25           | 56.7 | 3    | QS-PSSNR/L2525-12C1 | 25.0 | 25.0 | 31.7 | 115.7 | 32.0 | 25.0 | G 1/8-28 | 150                                                                                 | 5.0                                                                                 | 0.55                                                                                |      |
|                                                                                   |                                                                                   |                   |      |      |                     |      |      |      |       |      |      |          |                                                                                     |                                                                                     |                                                                                     |      |

## Inch version

|  |                                                                                     |                   |       |      |                 | Dimensions, inch |       |       |       |       |       |          |      |            |       |          |  |  |  |  |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------|-------|------|-----------------|------------------|-------|-------|-------|-------|-------|----------|------|------------|-------|----------|--|--|--|--|
|                                                                                     |  |                   |       |      |                 |                  |       |       |       |       |       |          |      |            |       |          |  |  |  |  |
|                                                                                     | IC                                                                                  | CZC <sub>MS</sub> | OHX   | CNSC | Ordering code   | B                | H     | HBL   | LF    | WF    | HF    | CNT      | PSI  | FT/<br>LBS | LBS   | MIID     |  |  |  |  |
|                                                                                     | 1/2                                                                                 | 3/4 x 3/4         | 2.018 | 3    | QS-PSSNR/L124C1 | .750             | .750  | 1.268 | 3.984 | 1.000 | .750  | G 1/8-28 | 2175 | 3.7        | 0.820 | SNMG 432 |  |  |  |  |
|                                                                                     |                                                                                     | 1 x 1             | 2.268 | 3    | QS-PSSNR/L164C1 | 1.000            | 1.000 | 1.268 | 4.575 | 1.250 | 1.000 | G 1/8-28 | 2175 | 3.7        | 1.323 | SNMG 432 |  |  |  |  |
|                                                                                     |                                                                                     |                   |       |      |                 |                  |       |       |       |       |       |          |      |            |       |          |  |  |  |  |
|                                                                                     |                                                                                     |                   |       |      |                 |                  |       |       |       |       |       |          |      |            |       |          |  |  |  |  |
|                                                                                     |                                                                                     |                   |       |      |                 |                  |       |       |       |       |       |          |      |            |       |          |  |  |  |  |
|                                                                                     |                                                                                     |                   |       |      |                 |                  |       |       |       |       |       |          |      |            |       |          |  |  |  |  |

# Parting and Grooving

## CoroCut® 2

|                                        |    |
|----------------------------------------|----|
| Blade for parting                      | 49 |
| QS shank tool for parting and grooving | 50 |
| Shank tool for parting and grooving    | 51 |
| Shank tool for shallow grooving        | 56 |
| Shank tool for face grooving           | 58 |
| Shank tools for profiling              | 64 |
| Cutting head for parting and grooving  | 66 |
| Cutting head for face grooving         | 69 |
| Boring bar for grooving                | 77 |

## CoroCut® QD

|                          |    |
|--------------------------|----|
| Inserts                  | 79 |
| Blade for Y-axis parting | 80 |
| Shank for Y-axis parting | 82 |

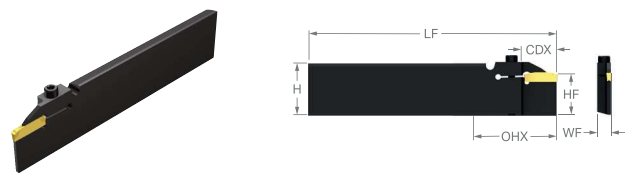
## CoroCut® XS

|         |    |
|---------|----|
| Inserts | 83 |
|---------|----|

ENG

CoroCut® 2 blade for parting

Screw clamp design

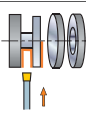


|  |     |                   |                  |      |      | Dimensions, mm   |      |       |     |     |      | MILD          |
|--|-----|-------------------|------------------|------|------|------------------|------|-------|-----|-----|------|---------------|
|  | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | OHX  | OHN  | Ordering code    | H    | LF    | WF  | NM  | KG   |               |
|  |     |                   |                  |      |      |                  |      |       |     |     |      |               |
|  | H   | 25                | 25.0             | 55.0 | 27.0 | C2R-BL25-RH25DF1 | 31.9 | 150.0 | 8.3 | 5.0 | 0.24 | C2I-H2N-0400- |
|  | J   | 25                | 25.0             | 55.0 | 27.0 | C2R-BL25-RJ25DF1 | 31.9 | 150.0 | 8.3 | 5.0 | 0.25 | C2I-J2N-0500- |
|  | K   | 25                | 25.0             | 55.0 | 27.0 | C2R-BL25-RK25DF1 | 31.9 | 150.0 | 8.3 | 5.0 | 0.25 | C2I-K2N-0600- |
|  | H   | 25                | 25.0             | 55.0 | 27.0 | C2R-BR25-LH25DF1 | 31.9 | 150.0 | 8.3 | 5.0 | 0.24 | C2I-H2N-0400- |
|  | J   | 25                | 25.0             | 55.0 | 27.0 | C2R-BR25-LJ25DF1 | 31.9 | 150.0 | 8.3 | 5.0 | 0.25 | C2I-J2N-0500- |
|  | K   | 25                | 25.0             | 55.0 | 27.0 | C2R-BR25-LK25DF1 | 31.9 | 150.0 | 8.3 | 5.0 | 0.25 | C2I-K2N-0600- |

CoroCut® 2 QS shank tool for parting and grooving



Metric version

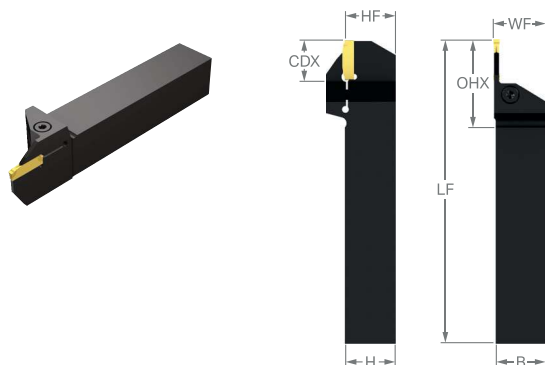
|                                                                                  |     |                   |                  |      |      |                   |                |      |      |      |        |                                                                                   |                                                                                    |               |  |  |
|----------------------------------------------------------------------------------|-----|-------------------|------------------|------|------|-------------------|----------------|------|------|------|--------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------|--|--|
|  |     |                   |                  |      |      |                   | Dimensions, mm |      |      |      |        |                                                                                   |                                                                                    |               |  |  |
|                                                                                  | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | OHX  | OHN  | Ordering code     | B              | H    | LF   | WF   | CUTDIA |  |  | MILD          |  |  |
|                                                                                  | D   | 10 x 10           | 10.0             | 30.0 | 23.2 | C2R-QS10-R/LD10DS | 10.0           | 10.0 | 70.0 | 10.0 | 20     | 2.5                                                                               | 0.05                                                                               | C2I-D2N-0150- |  |  |
|                                                                                  |     | 12 x 12           | 11.0             | 30.0 | 24.2 | C2R-QS12-R/LD11DS | 12.0           | 12.0 | 70.0 | 12.0 | 22     | 2.5                                                                               | 0.07                                                                               | C2I-D2N-0150- |  |  |
|                                                                                  |     | 16 x 16           | 8.0              | 30.0 | 21.2 | C2R-QS16-R/LD08DS | 16.0           | 16.0 | 70.0 | 16.0 | 16     | 2.5                                                                               | 0.12                                                                               | C2I-D2N-0150- |  |  |
|                                                                                  |     | 16 x 16           | 17.0             | 30.2 | 30.2 | C2R-QS16-R/LD17DS | 16.0           | 16.0 | 70.0 | 16.0 | 34     | 2.5                                                                               | 0.11                                                                               | C2I-D2N-0150- |  |  |
|                                                                                  |     |                   |                  |      |      |                   |                |      |      |      |        |                                                                                   |                                                                                    |               |  |  |

Inch version

|  |     |                   |                  |       |       |                    |      |      |       |      |      |        |        |      |               |  |  |
|--|-----|-------------------|------------------|-------|-------|--------------------|------|------|-------|------|------|--------|--------|------|---------------|--|--|
|  |     |                   |                  |       |       | Dimensions, inch   |      |      |       |      |      |        |        |      |               |  |  |
|  | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | OHX   | OHN   | Ordering code      | B    | H    | LF    | WF   | HF   | CUTDIA | FT/LBS | LBS  | MID           |  |  |
|  | D   | 3/8 x 3/8         | .375             | 1.181 | .895  | C2R-QSA06-R/LD10DS | .375 | .375 | 2.756 | .375 | .377 | .787   | 1.8    | .097 | C2I-D2N-0150- |  |  |
|  |     | 1/2 x 1/2         | .430             | 1.181 | .950  | C2R-QSA08-R/LD11DS | .500 | .500 | 2.756 | .500 | .502 | .860   | 1.8    | .170 | C2I-D2N-0150- |  |  |
|  |     | 5/8 x 5/8         | .320             | 1.181 | .840  | C2R-QSA10-R/LD08DS | .625 | .625 | 2.756 | .625 | .627 | .640   | 1.8    | .269 | C2I-D2N-0150- |  |  |
|  |     | 5/8 x 5/8         | .670             | 1.190 | 1.190 | C2R-QSA10-R/LD17DS | .625 | .625 | 2.756 | .625 | .627 | 1.340  | 1.8    | .236 | C2I-D2N-0150- |  |  |
|  |     |                   |                  |       |       |                    |      |      |       |      |      |        |        |      |               |  |  |

# CoroCut® 2 shank tool for parting and grooving

Screw clamp design

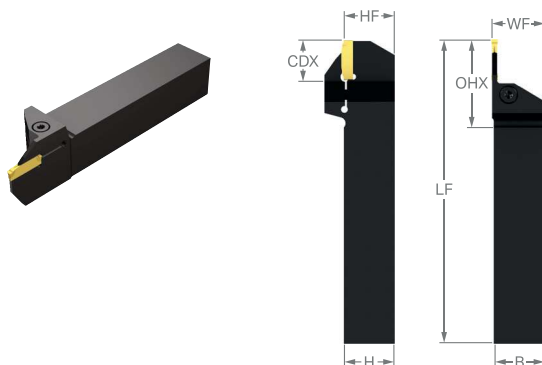


Metric version

|  |     |                   |                  |      |      | Dimensions, mm    |      |      |       |      |     |      |               |
|-----------------------------------------------------------------------------------|-----|-------------------|------------------|------|------|-------------------|------|------|-------|------|-----|------|---------------|
|                                                                                   | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | OHX  | OHN  | Ordering code     | B    | H    | LF    | WF   | NM  | KG   | MID           |
|                                                                                   | D   | 12 x 12           | 8.0              | 38.8 | 26.8 | C2R-RS12-R/LD08DB | 12.0 | 12.0 | 125.0 | 13.0 | 3.5 | 0.14 | C2I-D2N-0150- |
|                                                                                   |     | 16 x 16           | 8.0              | 42.8 | 26.8 | C2R-RS16-R/LD08DB | 16.0 | 16.0 | 125.0 | 17.0 | 3.5 | 0.23 | C2I-D2N-0150- |
|                                                                                   |     | 16 x 16           | 15.0             | 49.8 | 33.8 | C2R-RS16-R/LD15DB | 16.0 | 16.0 | 125.0 | 17.0 | 4.0 | 0.22 | C2I-D2N-0150- |
|                                                                                   |     | 20 x 20           | 8.0              | 46.8 | 26.8 | C2R-RS20-R/LD08DB | 20.0 | 20.0 | 125.0 | 21.0 | 3.5 | 0.36 | C2I-D2N-0150- |
|                                                                                   |     | 20 x 20           | 15.0             | 53.8 | 33.8 | C2R-RS20-R/LD15DB | 20.0 | 20.0 | 125.0 | 21.0 | 4.0 | 0.34 | C2I-D2N-0150- |
|                                                                                   |     | 25 x 25           | 8.0              | 51.8 | 26.8 | C2R-RS25-R/LD08DB | 25.0 | 25.0 | 150.0 | 26.0 | 3.5 | 0.68 | C2I-D2N-0150- |
|                                                                                   |     | 25 x 25           | 15.0             | 58.8 | 33.8 | C2R-RS25-R/LD15DB | 25.0 | 25.0 | 150.0 | 26.0 | 4.0 | 0.65 | C2I-D2N-0150- |
|                                                                                   | H   | 16 x 16           | 13.0             | 51.7 | 35.7 | C2R-RS16-R/LH13DB | 16.0 | 16.0 | 125.0 | 17.0 | 4.5 | 0.23 | C2I-H2N-0400- |
|                                                                                   |     | 16 x 16           | 25.0             | 63.7 | 47.7 | C2R-RS16-R/LH25DB | 16.0 | 16.0 | 125.0 | 17.0 | 5.5 | 0.23 | C2I-H2N-0400- |
|                                                                                   |     | 20 x 20           | 13.0             | 55.7 | 35.7 | C2R-RS20-R/LH13DB | 20.0 | 20.0 | 125.0 | 21.0 | 4.5 | 0.35 | C2I-H2N-0400- |
|                                                                                   |     | 20 x 20           | 25.0             | 67.7 | 47.7 | C2R-RS20-R/LH25DB | 20.0 | 20.0 | 125.0 | 21.0 | 5.5 | 0.34 | C2I-H2N-0400- |
|                                                                                   |     | 25 x 25           | 13.0             | 60.7 | 35.7 | C2R-RS25-R/LH13DB | 25.0 | 25.0 | 150.0 | 26.0 | 4.5 | 0.66 | C2I-H2N-0400- |
|                                                                                   |     | 25 x 25           | 25.0             | 72.7 | 47.7 | C2R-RS25-R/LH25DB | 25.0 | 25.0 | 150.0 | 26.0 | 5.5 | 0.62 | C2I-H2N-0400- |
|                                                                                   |     | 32 x 32           | 13.0             | 67.7 | 35.7 | C2R-RS32-R/LH13DB | 32.0 | 32.0 | 170.0 | 33.0 | 4.5 | 1.23 | C2I-H2N-0400- |
|                                                                                   |     | 32 x 32           | 25.0             | 79.7 | 47.7 | C2R-RS32-R/LH25DB | 32.0 | 32.0 | 170.0 | 33.0 | 5.5 | 1.15 | C2I-H2N-0400- |
|                                                                                   | J   | 20 x 20           | 13.0             | 55.7 | 35.7 | C2R-RS20-R/LJ13DB | 20.0 | 20.0 | 125.0 | 21.0 | 4.5 | 0.36 | C2I-J2N-0500- |
|                                                                                   |     | 25 x 25           | 13.0             | 60.7 | 35.7 | C2R-RS25-R/LJ13DB | 25.0 | 25.0 | 150.0 | 26.0 | 4.5 | 0.67 | C2I-J2N-0500- |
|                                                                                   |     | 25 x 25           | 22.0             | 69.7 | 44.7 | C2R-RS25-R/LJ22DB | 25.0 | 25.0 | 150.0 | 26.0 | 4.5 | 0.64 | C2I-J2N-0500- |
|                                                                                   |     | 25 x 25           | 32.0             | 79.7 | 54.7 | C2R-RS25-R/LJ32DB | 25.0 | 25.0 | 150.0 | 26.0 | 5.5 | 0.62 | C2I-J2N-0500- |
|                                                                                   |     | 32 x 32           | 13.0             | 67.7 | 35.7 | C2R-RS32-R/LJ13DB | 32.0 | 32.0 | 170.0 | 33.0 | 4.5 | 1.23 | C2I-J2N-0500- |
|                                                                                   |     | 32 x 32           | 32.0             | 86.7 | 54.7 | C2R-RS32-R/LJ32DB | 32.0 | 32.0 | 170.0 | 33.0 | 5.5 | 1.11 | C2I-J2N-0500- |
|                                                                                   | K   | 25 x 25           | 16.0             | 63.7 | 38.7 | C2R-RS25-R/LK16DB | 25.0 | 25.0 | 150.0 | 26.0 | 4.5 | 0.66 | C2I-K2N-0600- |
|                                                                                   |     | 25 x 25           | 32.0             | 79.7 | 54.7 | C2R-RS25-R/LK32DB | 25.0 | 25.0 | 150.0 | 26.0 | 5.5 | 0.63 | C2I-K2N-0600- |
|                                                                                   |     | 32 x 32           | 16.0             | 70.7 | 38.7 | C2R-RS32-R/LK16DB | 32.0 | 32.0 | 170.0 | 33.0 | 4.5 | 1.22 | C2I-K2N-0600- |
|                                                                                   |     | 32 x 32           | 32.0             | 86.7 | 54.7 | C2R-RS32-R/LK32DB | 32.0 | 32.0 | 170.0 | 33.0 | 5.5 | 1.12 | C2I-K2N-0600- |
|                                                                                   | L   | 25 x 25           | 16.0             | 63.3 | 38.3 | C2R-RS25-R/LL16DB | 25.0 | 25.0 | 150.0 | 26.5 | 6.5 | 0.66 | C2I-L2N-0800- |
|                                                                                   |     | 25 x 25           | 25.0             | 72.3 | 47.3 | C2R-RS25-R/LL25DB | 25.0 | 25.0 | 150.0 | 26.5 | 6.5 | 0.63 | C2I-L2N-0800- |
|                                                                                   |     | 32 x 32           | 32.0             | 86.3 | 54.3 | C2R-RS32-R/LL32DB | 32.0 | 32.0 | 170.0 | 33.5 | 6.5 | 1.21 | C2I-L2N-0800- |

# CoroCut® 2 shank tool for parting and grooving

## Screw clamp design

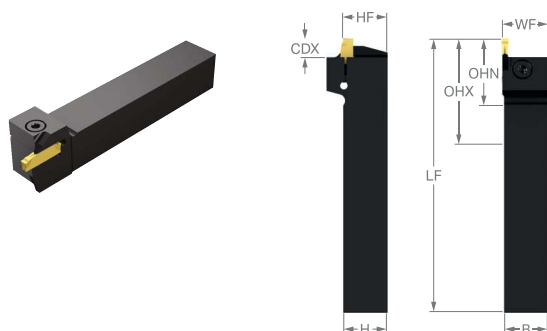


## Inch version

|  |     |                   |                  |       |       |                    | Dimensions, inch |       |       |       |       |            |       |               |
|--|-----|-------------------|------------------|-------|-------|--------------------|------------------|-------|-------|-------|-------|------------|-------|---------------|
|  | SSC | CZC <sub>US</sub> | CDX <sub>1</sub> | OHX   | OHN   | Ordering code      | B                | H     | LF    | WF    | HF    | FT/<br>LBS | LBS   | MIID          |
|  | L   | 1 x 1             | 1.000            | 2.879 | 1.879 | C2R-RSA16-R/LL25DB | 1.000            | 1.000 | 6.000 | 1.033 | 1.000 | 4.8        | 1.448 | C2I-L2N-0800- |
|  | D   | 1/2 x 1/2         | .320             | 1.560 | 1.060 | C2R-RSA08-R/LD08DB | .500             | .500  | 4.500 | .512  | .500  | 2.6        | .300  | C2I-D2N-0150- |
|  |     | 5/8 x 5/8         | .320             | 1.685 | 1.060 | C2R-RSA10-RD08DB   | .625             | .625  | 5.000 | .670  | .625  | 2.6        | .516  | C2I-D2N-0150- |
|  |     | 5/8 x 5/8         | .590             | 1.955 | 1.330 | C2R-RSA10-RD15DB   | .625             | .625  | 5.000 | .670  | .625  | 3.0        | .498  | C2I-D2N-0150- |
|  |     | 3/4 x 3/4         | .320             | 1.810 | 1.060 | C2R-RSA12-R/LD08DB | .750             | .750  | 5.000 | .825  | .750  | 2.6        | .739  | C2I-D2N-0150- |
|  |     | 3/4 x 3/4         | .590             | 2.080 | 1.330 | C2R-RSA12-R/LD15DB | .750             | .750  | 5.000 | .827  | .750  | 3.0        | .699  | C2I-D2N-0150- |
|  |     | 1 x 1             | .320             | 2.060 | 1.060 | C2R-RSA16-R/LD08DB | 1.000            | 1.000 | 5.000 | 1.028 | 1.000 | 2.6        | 1.292 | C2I-D2N-0150- |
|  |     | 1 x 1             | .590             | 2.330 | 1.330 | C2R-RSA16-R/LD15DB | 1.000            | 1.000 | 6.000 | 1.028 | 1.000 | 3.0        | 1.499 | C2I-D2N-0150- |
|  | H   | 5/8 x 5/8         | .512             | 2.031 | 1.406 | C2R-RSA10-R/LH13DB | .625             | .625  | 5.000 | .669  | .625  | 3.3        | .503  | C2I-H2N-0400- |
|  |     | 3/4 x 3/4         | .512             | 2.156 | 1.406 | C2R-RSA12-R/LH13DB | .750             | .750  | 5.000 | .827  | .750  | 3.3        | .730  | C2I-H2N-0400- |
|  |     | 3/4 x 3/4         | .980             | 2.624 | 1.874 | C2R-RSA12-R/LH25DB | .750             | .750  | 5.000 | .827  | .750  | 4.1        | .692  | C2I-H2N-0400- |
|  |     | 1 x 1             | .512             | 2.406 | 1.406 | C2R-RSA16-R/LH13DB | 1.000            | 1.000 | 5.000 | 1.024 | 1.000 | 3.3        | 1.250 | C2I-H2N-0400- |
|  |     | 1 x 1             | .980             | 2.874 | 1.874 | C2R-RSA16-R/LH25DB | 1.000            | 1.000 | 6.000 | 1.024 | 1.000 | 4.1        | 1.431 | C2I-H2N-0400- |
|  |     | 1 1/4 x 1         | .512             | 2.656 | 1.406 | C2R-RSA20-R/LH13DB | 1.250            | 1.250 | 6.000 | 1.299 | 1.250 | 3.3        | 2.372 | C2I-H2N-0400- |
|  |     | 1 1/4 x 1         | .980             | 3.124 | 1.874 | C2R-RSA20-R/LH25DB | 1.250            | 1.250 | 6.000 | 1.299 | 1.250 | 4.1        | 2.205 | C2I-H2N-0400- |
|  | J   | 1 x 1             | .512             | 2.406 | 1.406 | C2R-RSA16-R/LJ13DB | 1.000            | 1.000 | 5.000 | 1.024 | 1.000 | 3.3        | 1.257 | C2I-J2N-0500- |
|  |     | 1 x 1             | 1.260            | 3.154 | 2.154 | C2R-RSA16-R/LJ32DB | 1.000            | 1.000 | 6.000 | 1.024 | 1.000 | 4.1        | 1.422 | C2I-J2N-0500- |
|  |     | 1 1/4 x 1         | .512             | 2.656 | 1.406 | C2R-RSA20-R/LJ13DB | 1.250            | 1.250 | 6.000 | 1.299 | 1.250 | 3.3        | 2.379 | C2I-J2N-0500- |
|  |     | 1 1/4 x 1         | 1.260            | 3.404 | 2.154 | C2R-RSA20-R/LJ32DB | 1.250            | 1.250 | 6.000 | 1.299 | 1.250 | 4.1        | 2.127 | C2I-J2N-0500- |
|  |     | 1 1/2 x 1         | 1.260            | 3.654 | 2.154 | C2R-RSA24-R/LJ32DB | 1.500            | 1.500 | 8.000 | 1.614 | 1.500 | 4.1        | 4.288 | C2I-J2N-0500- |
|  | K   | 1 x 1             | .630             | 2.524 | 1.524 | C2R-RSA16-R/LK16DB | 1.000            | 1.000 | 5.000 | 1.024 | 1.000 | 3.3        | 1.246 | C2I-K2N-0600- |
|  |     | 1 x 1             | 1.260            | 3.154 | 2.154 | C2R-RSA16-R/LK32DB | 1.000            | 1.000 | 6.000 | 1.024 | 1.000 | 4.1        | 1.444 | C2I-K2N-0600- |
|  |     | 1 1/4 x 1         | .630             | 2.774 | 1.524 | C2R-RSA20-R/LK16DB | 1.250            | 1.250 | 6.000 | 1.299 | 1.250 | 3.3        | 2.355 | C2I-K2N-0600- |
|  |     | 1 1/4 x 1         | 1.260            | 3.404 | 2.154 | C2R-RSA20-R/LK32DB | 1.250            | 1.250 | 6.000 | 1.299 | 1.250 | 4.1        | 2.150 | C2I-K2N-0600- |
|  | L   | 1 x 1             | .630             | 2.509 | 1.509 | C2R-RSA16-R/LL16DB | 1.000            | 1.000 | 6.000 | 1.033 | 1.000 | 4.8        | 1.517 | C2I-L2N-0800- |
|  |     | 1 1/4 x 1         | 1.000            | 3.129 | 1.879 | C2R-RSA20-R/LL25DB | 1.250            | 1.250 | 6.000 | 1.300 | 1.250 | 4.8        | 2.222 | C2I-L2N-0800- |
|  |     | 1 1/4 x 1         | 1.380            | 3.509 | 2.259 | C2R-RSA20-R/LL35DB | 1.250            | 1.250 | 7.000 | 1.300 | 1.250 | 4.8        | 2.573 | C2I-L2N-0800- |
|  |     | 1 1/2 x 1         | 1.380            | 3.759 | 2.259 | C2R-RSA24-R/LL35DB | 1.500            | 1.500 | 8.000 | 1.614 | 1.500 | 4.8        | 4.262 | C2I-L2N-0800- |

# CoroCut® 2 shank tool for parting and grooving

Screw clamp design



## Metric version

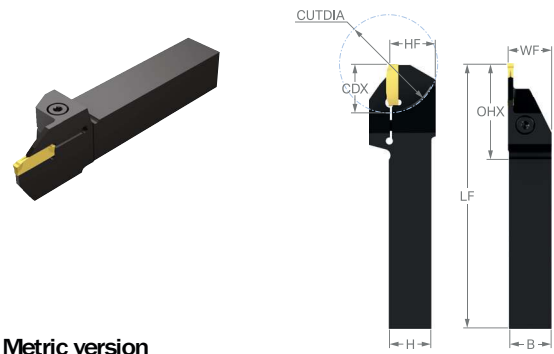
|  |     |                   |                  |      |      |                   | Dimensions, mm |      |       |      |     |      | MIID          |
|--|-----|-------------------|------------------|------|------|-------------------|----------------|------|-------|------|-----|------|---------------|
|  | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | OHX  | OHN  | Ordering code     | B              | H    | LF    | WF   | NM  | KG   |               |
|  | K   | 20 x 20           | 8.0              | 50.7 | 30.7 | C2R-RS20-R/LK08DC | 20.0           | 20.0 | 125.0 | 21.0 | 4.5 | 0.37 |               |
|  |     | 25 x 25           | 8.0              | 55.7 | 30.7 | C2R-RS25-R/LK08DC | 25.0           | 25.0 | 150.0 | 26.0 | 4.5 | 0.69 | C2I-K2N-0600- |
|  |     |                   |                  |      |      |                   |                |      |       |      |     |      |               |
|  |     |                   |                  |      |      |                   |                |      |       |      |     |      |               |
|  |     |                   |                  |      |      |                   |                |      |       |      |     |      |               |

## Inch version

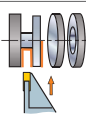
|  |     |                   |                  |       |       |                    |       |       |       |       |       |                        |                |               |  |  |  |
|--|-----|-------------------|------------------|-------|-------|--------------------|-------|-------|-------|-------|-------|------------------------|----------------|---------------|--|--|--|
|  |     |                   |                  |       |       | Dimensions, inch   |       |       |       |       |       |                        |                |               |  |  |  |
|  | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | OHX   | OHN   | Ordering code      | B     | H     | LF    | WF    | HF    | <div>FT/<br/>LBS</div> | <div>LBS</div> | MIID          |  |  |  |
|  | K   | 3/4 x 3/4         | .320             | 1.964 | 1.214 | C2R-RSA12-R/LK08DC | .750  | .750  | 5.000 | .787  | .750  | 3.3                    | .741           | C2I-K2N-0600- |  |  |  |
|  |     | 1 x 1             | .320             | 2.214 | 1.214 | C2R-RSA16-R/LK08DC | 1.000 | 1.000 | 6.000 | 1.024 | 1.000 | 3.3                    | 1.596          | C2I-K2N-0600- |  |  |  |
|  |     |                   |                  |       |       |                    |       |       |       |       |       |                        |                |               |  |  |  |
|  |     |                   |                  |       |       |                    |       |       |       |       |       |                        |                |               |  |  |  |
|  |     |                   |                  |       |       |                    |       |       |       |       |       |                        |                |               |  |  |  |

CoroCut® 2 shank tool for parting and grooving

Screw clamp design



Metric version

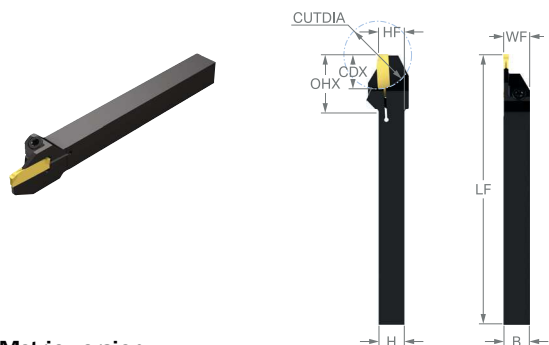
|  |     |                   |                  |      |      | Dimensions, mm    |      |      |       |      |        |     |      |               |  |
|----------------------------------------------------------------------------------|-----|-------------------|------------------|------|------|-------------------|------|------|-------|------|--------|-----|------|---------------|--|
|                                                                                  | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | OHX  | OHN  | Ordering code     | B    | H    | LF    | WF   | CUTDIA | NM  | KG   | MIID          |  |
|                                                                                  | H   | 20 x 20           | 22.0             | 64.7 | 44.7 | C2R-RS20-R/LH22DD | 20.0 | 20.0 | 125.0 | 21.0 | 52     | 4.5 | 0.35 | C2I-H2N-0400- |  |
|                                                                                  |     | 25 x 25           | 22.0             | 69.7 | 44.7 | C2R-RS25-R/LH22DD | 25.0 | 25.0 | 150.0 | 26.0 | 52     | 4.5 | 0.65 | C2I-H2N-0400- |  |
|                                                                                  |     |                   |                  |      |      |                   |      |      |       |      |        |     |      |               |  |
|                                                                                  |     |                   |                  |      |      |                   |      |      |       |      |        |     |      |               |  |

Inch version

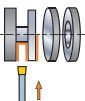
|  | Dimensions, inch |                   |                  |       |       |                    |       |       |       |       |       |        |                        |                |               |
|--|------------------|-------------------|------------------|-------|-------|--------------------|-------|-------|-------|-------|-------|--------|------------------------|----------------|---------------|
|  | SSC              | CZC <sub>MS</sub> | CDX <sub>1</sub> | OHX   | OHN   | Ordering code      | B     | H     | LF    | WF    | HF    | CUTDIA | <div>FT/<br/>LBS</div> | <div>LBS</div> | MIID          |
|  | H                | 3/4 x 3/4         | .870             | 2.514 | 1.764 | C2R-RSA12-R/LH22DD | .750  | .750  | 5.000 | .774  | .750  | 2.067  | 3.3                    | .714           | C2I-H2N-0400- |
|  |                  | 1 x 1             | .870             | 2.764 | 1.764 | C2R-RSA16-R/LH22DD | 1.000 | 1.000 | 5.000 | 1.024 | 1.000 | 2.067  | 3.3                    | 1.213          | C2I-H2N-0400- |
|  |                  |                   |                  |       |       |                    |       |       |       |       |       |        |                        |                |               |
|  |                  |                   |                  |       |       |                    |       |       |       |       |       |        |                        |                |               |
|  |                  |                   |                  |       |       |                    |       |       |       |       |       |        |                        |                |               |

# CoroCut® 2 shank tool for parting and grooving

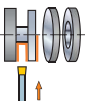
Screw clamp design



## Metric version

|  |         |                   |                  |      |                   | Dimensions, mm    |      |       |       |      |        |      |               |               |  |  |  |
|-----------------------------------------------------------------------------------|---------|-------------------|------------------|------|-------------------|-------------------|------|-------|-------|------|--------|------|---------------|---------------|--|--|--|
|                                                                                   | SSC     | CZC <sub>MS</sub> | CDX <sub>1</sub> | OHX  | OHN               | Ordering code     | B    | H     | LF    | WF   | CUTDIA | NM   | KG            | MIID          |  |  |  |
|                                                                                   | D       | 10 x 10           | 10.0             | 33.2 | 23.2              | C2R-RS10-R/LD10DS | 10.0 | 10.0  | 125.0 | 10.0 | 20     | 2.5  | 0.09          | C2I-D2N-0150- |  |  |  |
|                                                                                   |         | 12 x 12           | 11.0             | 36.2 | 24.2              | C2R-RS12-R/LD11DS | 12.0 | 12.0  | 125.0 | 12.0 | 22     | 2.5  | 0.13          | C2I-D2N-0150- |  |  |  |
|                                                                                   |         | 16 x 16           | 8.0              | 37.2 | 21.2              | C2R-RS16-R/LD08DS | 16.0 | 16.0  | 125.0 | 16.0 | 16     | 2.5  | 0.23          | C2I-D2N-0150- |  |  |  |
|                                                                                   | 16 x 16 | 17.0              | 46.2             | 30.2 | C2R-RS16-R/LD17DS | 16.0              | 16.0 | 125.0 | 16.0  | 34   | 2.5    | 0.16 | C2I-D2N-0150- |               |  |  |  |
|                                                                                   |         |                   |                  |      |                   |                   |      |       |       |      |        |      |               |               |  |  |  |

## Inch version

|  |           |                   |                  |       |                    | Dimensions, inch   |      |       |       |      |       |        |                                        |                           |               |  |  |  |
|-------------------------------------------------------------------------------------|-----------|-------------------|------------------|-------|--------------------|--------------------|------|-------|-------|------|-------|--------|----------------------------------------|---------------------------|---------------|--|--|--|
|                                                                                     | SSC       | CZC <sub>MS</sub> | CDX <sub>1</sub> | OHX   | OHN                | Ordering code      | B    | H     | LF    | WF   | HF    | CUTDIA | <div><div>FT</div><div>LBS</div></div> | <div><div>LBS</div></div> | MIID          |  |  |  |
|                                                                                     | D         | 3/8 x 3/8         | .390             | 1.285 | .910               | C2R-RSA06-R/LD10DS | .375 | .375  | 4.921 | .375 | .377  | .780   | 1.8                                    | .181                      | C2I-D2N-0150- |  |  |  |
|                                                                                     |           | 1/2 x 1/2         | .430             | 1.450 | .950               | C2R-RSA08-R/LD11DS | .500 | .500  | 4.921 | .500 | .502  | .860   | 1.8                                    | .322                      | C2I-D2N-0150- |  |  |  |
|                                                                                     |           | 5/8 x 5/8         | .320             | 1.465 | .840               | C2R-RSA10-R/LD08DS | .625 | .625  | 4.921 | .625 | .627  | .640   | 1.8                                    | .507                      | C2I-D2N-0150- |  |  |  |
|                                                                                     | 5/8 x 5/8 | .670              | 1.815            | 1.190 | C2R-RSA10-R/LD17DS | .625               | .625 | 4.921 | .625  | .627 | 1.340 | 1.8    | .474                                   | C2I-D2N-0150-             |               |  |  |  |
|                                                                                     |           |                   |                  |       |                    |                    |      |       |       |      |       |        |                                        |                           |               |  |  |  |

CoroCut® 2 shank tool for shallow grooving

Screw clamp design



Metric version

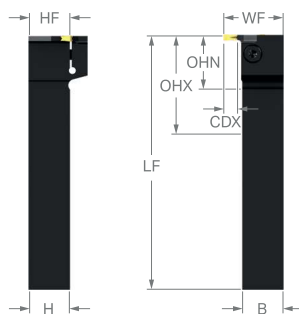
|                                                                                  |     |                   |                  |                  |      |      |                    |      |      |       |      |                                                                                   |                                                                                   |                                                                                     |               |
|----------------------------------------------------------------------------------|-----|-------------------|------------------|------------------|------|------|--------------------|------|------|-------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|
|  |     |                   |                  |                  |      |      | Dimensions, mm     |      |      |       |      |                                                                                   |                                                                                   |                                                                                     |               |
|                                                                                  | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | CDX <sub>2</sub> | OHX  | OHN  | Ordering code      | B    | H    | LF    | WF   |  |  |  | MIID          |
|                                                                                  | K   | 20 x 20           | 8.0              | 4.5              | 49.6 | 29.6 | C2A-RS20-LGK08B-DC | 20.0 | 20.0 | 125.0 | 30.0 | 150                                                                               | 4.5                                                                               | 0.41                                                                                | C2I-K2N-0600- |
|                                                                                  |     | 25 x 25           | 8.0              | 4.5              | 54.6 | 29.6 | C2A-RS25-LGK08B-DC | 25.0 | 25.0 | 150.0 | 35.0 | 150                                                                               | 4.5                                                                               | 0.76                                                                                | C2I-K2N-0600- |
|                                                                                  |     |                   |                  |                  |      |      |                    |      |      |       |      |                                                                                   |                                                                                   |                                                                                     |               |

Inch version

|  |     |                   |                  |                  |       |       |                     |       |       |       |       |       |                |                        |                |               |
|--|-----|-------------------|------------------|------------------|-------|-------|---------------------|-------|-------|-------|-------|-------|----------------|------------------------|----------------|---------------|
|  |     |                   |                  |                  |       |       | Dimensions, inch    |       |       |       |       |       |                |                        |                |               |
|  | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | CDX <sub>2</sub> | OHX   | OHN   | Ordering code       | B     | H     | LF    | WF    | HF    | <div>PSI</div> | <div>FT/<br/>LBS</div> | <div>LBS</div> | MIID          |
|  | K   | 3/4 x 3/4         | .315             | .177             | 1.915 | 1.165 | C2A-RSA12-LGK08B-DC | .750  | .750  | 5.000 | 1.144 | .750  | 2175           | 3.3                    | .833           | C2I-K2N-0600- |
|  |     | 1 x 1             | .315             | .177             | 2.165 | 1.165 | C2A-RSA16-LGK08B-DC | 1.000 | 1.000 | 6.000 | 1.394 | 1.000 | 2175           | 3.3                    | 1.753          | C2I-K2N-0600- |
|  |     |                   |                  |                  |       |       |                     |       |       |       |       |       |                |                        |                |               |

# CoroCut® 2 shank tool for shallow grooving

Screw clamp design



## Metric version

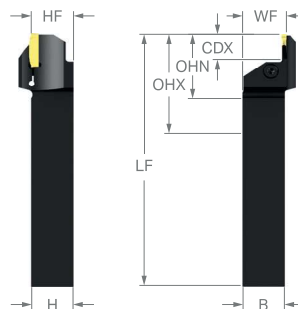
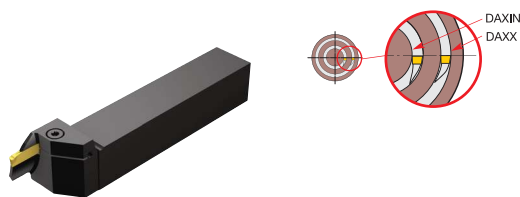
|                                                                                   |     |                   |                  |                  |      |      |                    |                |      |       |      |                                                                                   |                                                                                    |                                                                                     |               |
|-----------------------------------------------------------------------------------|-----|-------------------|------------------|------------------|------|------|--------------------|----------------|------|-------|------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|
|  |     |                   |                  |                  |      |      |                    | Dimensions, mm |      |       |      |                                                                                   |                                                                                    |                                                                                     |               |
|                                                                                   | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | CDX <sub>2</sub> | OHX  | OHN  | Ordering code      | B              | H    | LF    | WF   |  |  |  | MIID          |
|                                                                                   | K   | 25 x 25           | 8.0              | 4.5              | 54.6 | 29.6 | C2A-RS25-RGK08B-DC | 25.0           | 25.0 | 150.0 | 35.0 | 150                                                                               | 4.5                                                                                | 0.76                                                                                | C2I-K2N-0600- |
|                                                                                   | K   | 20 x 20           | 8.0              | 4.5              | 49.6 | 29.6 | C2A-RS20-RGK08B-DC | 20.0           | 20.0 | 125.0 | 30.0 | 150                                                                               | 4.5                                                                                | 0.41                                                                                | C2I-K2N-0600- |
|                                                                                   |     |                   |                  |                  |      |      |                    |                |      |       |      |                                                                                   |                                                                                    |                                                                                     |               |

## Inch version

|  |     |                   |                  |                  |       |       |                     |       |       |       |       |       |      |            |       |               |  |  |
|--|-----|-------------------|------------------|------------------|-------|-------|---------------------|-------|-------|-------|-------|-------|------|------------|-------|---------------|--|--|
|  |     |                   |                  |                  |       |       | Dimensions, inch    |       |       |       |       |       |      |            |       |               |  |  |
|  | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | CDX <sub>2</sub> | OHX   | OHN   | Ordering code       | B     | H     | LF    | WF    | HF    | PSI  | FT/<br>LBS | LBS   | MIID          |  |  |
|  | K   | 3/4 x 3/4         | .315             | .177             | 1.915 | 1.165 | C2A-RSA12-RGK08B-DC | .750  | .750  | 5.000 | 1.144 | .750  | 2175 | 3.3        | .833  | C2I-K2N-0600- |  |  |
|  |     | 1 x 1             | .315             | .177             | 2.165 | 1.165 | C2A-RSA16-RGK08B-DC | 1.000 | 1.000 | 6.000 | 1.394 | 1.000 | 2175 | 3.3        | 1.753 | C2I-K2N-0600- |  |  |
|  |     |                   |                  |                  |       |       |                     |       |       |       |       |       |      |            |       |               |  |  |

# CoroCut® 2 shank tool for face grooving

Screw clamp design

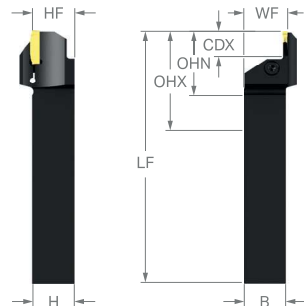
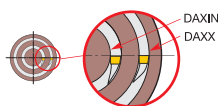


## Metric version

|   |         |                   |       |        |        |      |                       | Dimensions, mm        |      |       |       |      |                                                                                   |                                                                                    | MIID          |                                                                                     |
|-----------------------------------------------------------------------------------|---------|-------------------|-------|--------|--------|------|-----------------------|-----------------------|------|-------|-------|------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------|
|                                                                                   | SSC     | CZC <sub>MS</sub> | CDX   | DAXIN  | DAXX   | OHX  | OHN                   | Ordering code         | B    | H     | LF    | WF   |  |  |               |  |
|  | H       | 20 x 20           | 18.0  | 40.0   | 60.0   | 60.7 | 40.7                  | C2A-RS20-LFH18B-040DB | 20.0 | 20.0  | 125.0 | 21.0 | 150                                                                               | 4.5                                                                                | 0.35          | C2I-H2N-0400-                                                                       |
|                                                                                   |         | 20 x 20           | 18.0  | 52.0   | 72.0   | 60.7 | 40.7                  | C2A-RS20-LFH18B-052DB | 20.0 | 20.0  | 125.0 | 21.0 | 150                                                                               | 4.5                                                                                | 0.35          | C2I-H2N-0400-                                                                       |
|                                                                                   |         | 20 x 20           | 18.0  | 64.0   | 100.0  | 60.7 | 40.7                  | C2A-RS20-LFH18B-064DB | 20.0 | 20.0  | 125.0 | 21.0 | 150                                                                               | 4.5                                                                                | 0.35          | C2I-H2N-0400-                                                                       |
|                                                                                   |         | 20 x 20           | 18.0  | 92.0   | 140.0  | 60.7 | 40.7                  | C2A-RS20-LFH18B-092DB | 20.0 | 20.0  | 125.0 | 21.0 | 150                                                                               | 4.5                                                                                | 0.35          | C2I-H2N-0400-                                                                       |
|                                                                                   |         | 20 x 20           | 18.0  | 132.0  | 230.0  | 60.7 | 40.7                  | C2A-RS20-LFH18B-132DB | 20.0 | 20.0  | 125.0 | 21.0 | 150                                                                               | 4.5                                                                                | 0.34          | C2I-H2N-0400-                                                                       |
|                                                                                   |         | 20 x 20           | 18.0  | 220.0  | 500.0  | 60.7 | 40.7                  | C2A-RS20-LFH18B-220DB | 20.0 | 20.0  | 125.0 | 21.0 | 150                                                                               | 4.5                                                                                | 0.34          | C2I-H2N-0400-                                                                       |
|                                                                                   |         | 25 x 25           | 18.0  | 40.0   | 60.0   | 65.7 | 40.7                  | C2A-RS25-LFH18B-040DB | 25.0 | 25.0  | 150.0 | 26.0 | 150                                                                               | 4.5                                                                                | 0.66          | C2I-H2N-0400-                                                                       |
|                                                                                   |         | 25 x 25           | 18.0  | 52.0   | 72.0   | 65.7 | 40.7                  | C2A-RS25-LFH18B-052DB | 25.0 | 25.0  | 150.0 | 26.0 | 150                                                                               | 4.5                                                                                | 0.66          | C2I-H2N-0400-                                                                       |
|                                                                                   |         | 25 x 25           | 18.0  | 64.0   | 100.0  | 65.7 | 40.7                  | C2A-RS25-LFH18B-064DB | 25.0 | 25.0  | 150.0 | 26.0 | 150                                                                               | 4.5                                                                                | 0.65          | C2I-H2N-0400-                                                                       |
|                                                                                   |         | 25 x 25           | 18.0  | 92.0   | 140.0  | 65.7 | 40.7                  | C2A-RS25-LFH18B-092DB | 25.0 | 25.0  | 150.0 | 26.0 | 150                                                                               | 4.5                                                                                | 0.65          | C2I-H2N-0400-                                                                       |
|                                                                                   |         | 25 x 25           | 18.0  | 132.0  | 230.0  | 65.7 | 40.7                  | C2A-RS25-LFH18B-132DB | 25.0 | 25.0  | 150.0 | 26.0 | 150                                                                               | 4.5                                                                                | 0.65          | C2I-H2N-0400-                                                                       |
|                                                                                   |         | 25 x 25           | 18.0  | 220.0  | 500.0  | 65.7 | 40.7                  | C2A-RS25-LFH18B-220DB | 25.0 | 25.0  | 150.0 | 26.0 | 150                                                                               | 4.5                                                                                | 0.65          | C2I-H2N-0400-                                                                       |
|                                                                                   |         | 25 x 25           | 18.0  | 300.0  | 1100.0 | 65.7 | 40.7                  | C2A-RS25-LFH18B-300DB | 25.0 | 25.0  | 150.0 | 26.0 | 150                                                                               | 4.5                                                                                | 0.64          | C2I-H2N-0400-                                                                       |
|                                                                                   | J       | 25 x 25           | 18.0  | 40.0   | 70.0   | 65.7 | 40.7                  | C2A-RS25-LFJ18B-040DB | 25.0 | 25.0  | 150.0 | 26.0 | 150                                                                               | 4.5                                                                                | 0.66          | C2I-J2N-0500-                                                                       |
|                                                                                   |         | 25 x 25           | 18.0  | 60.0   | 95.0   | 65.7 | 40.7                  | C2A-RS25-LFJ18B-060DB | 25.0 | 25.0  | 150.0 | 26.0 | 150                                                                               | 4.5                                                                                | 0.66          | C2I-J2N-0500-                                                                       |
|                                                                                   | 25 x 25 | 18.0              | 85.0  | 130.0  | 65.7   | 40.7 | C2A-RS25-LFJ18B-085DB | 25.0                  | 25.0 | 150.0 | 26.0  | 150  | 4.5                                                                               | 0.65                                                                               | C2I-J2N-0500- |                                                                                     |
|                                                                                   | 25 x 25 | 18.0              | 120.0 | 180.0  | 65.7   | 40.7 | C2A-RS25-LFJ18B-120DB | 25.0                  | 25.0 | 150.0 | 26.0  | 150  | 4.5                                                                               | 0.65                                                                               | C2I-J2N-0500- |                                                                                     |
|                                                                                   | 25 x 25 | 18.0              | 175.0 | 500.0  | 65.7   | 40.7 | C2A-RS25-LFJ18B-175DB | 25.0                  | 25.0 | 150.0 | 26.0  | 150  | 4.5                                                                               | 0.65                                                                               | C2I-J2N-0500- |                                                                                     |
| K                                                                                 | 25 x 25 | 18.0              | 40.0  | 70.0   | 65.7   | 40.7 | C2A-RS25-LFK18B-040DB | 25.0                  | 25.0 | 150.0 | 26.0  | 150  | 4.5                                                                               | 0.67                                                                               | C2I-K2N-0600- |                                                                                     |
|                                                                                   | 25 x 25 | 18.0              | 58.0  | 100.0  | 65.7   | 40.7 | C2A-RS25-LFK18B-058DB | 25.0                  | 25.0 | 150.0 | 26.0  | 150  | 4.5                                                                               | 0.66                                                                               | C2I-K2N-0600- |                                                                                     |
|                                                                                   | 25 x 25 | 18.0              | 88.0  | 180.0  | 65.7   | 40.7 | C2A-RS25-LFK18B-088DB | 25.0                  | 25.0 | 150.0 | 26.0  | 150  | 4.5                                                                               | 0.66                                                                               | C2I-K2N-0600- |                                                                                     |
|                                                                                   | 25 x 25 | 18.0              | 168.0 | 400.0  | 65.7   | 40.7 | C2A-RS25-LFK18B-168DB | 25.0                  | 25.0 | 150.0 | 26.0  | 150  | 4.5                                                                               | 0.65                                                                               | C2I-K2N-0600- |                                                                                     |
|                                                                                   | 25 x 25 | 18.0              | 220.0 | 1000.0 | 65.7   | 40.7 | C2A-RS25-LFK18B-220DB | 25.0                  | 25.0 | 150.0 | 26.0  | 150  | 4.5                                                                               | 0.65                                                                               | C2I-K2N-0600- |                                                                                     |
|                                                                                   | 32 x 32 | 18.0              | 220.0 | 1000.0 | 72.7   | 40.7 | C2A-RS32-LFK18B-220DB | 32.0                  | 32.0 | 170.0 | 33.0  | 150  | 4.5                                                                               | 1.21                                                                               | C2I-K2N-0600- |                                                                                     |
| L                                                                                 | 25 x 25 | 23.0              | 50.0  | 80.0   | 70.3   | 45.3 | C2A-RS25-LFL23B-050DB | 25.0                  | 25.0 | 150.0 | 26.5  | 150  | 6.5                                                                               | 0.65                                                                               | C2I-L2N-0800- |                                                                                     |
|                                                                                   | 25 x 25 | 23.0              | 75.0  | 150.0  | 70.3   | 45.3 | C2A-RS25-LFL23B-075DB | 25.0                  | 25.0 | 150.0 | 26.5  | 150  | 6.5                                                                               | 0.64                                                                               | C2I-L2N-0800- |                                                                                     |
|                                                                                   | 25 x 25 | 23.0              | 140.0 | 400.0  | 70.3   | 45.3 | C2A-RS25-LFL23B-140DB | 25.0                  | 25.0 | 150.0 | 26.5  | 150  | 6.5                                                                               | 0.63                                                                               | C2I-L2N-0800- |                                                                                     |
|                                                                                   | 32 x 32 | 23.0              | 75.0  | 150.0  | 77.3   | 45.3 | C2A-RS32-LFL23B-075DB | 32.0                  | 32.0 | 170.0 | 33.5  | 150  | 6.5                                                                               | 1.18                                                                               | C2I-L2N-0800- |                                                                                     |
|                                                                                   | 32 x 32 | 23.0              | 140.0 | 400.0  | 77.3   | 45.3 | C2A-RS32-LFL23B-140DB | 32.0                  | 32.0 | 170.0 | 33.5  | 150  | 6.5                                                                               | 1.17                                                                               | C2I-L2N-0800- |                                                                                     |

# CoroCut® 2 shank tool for face grooving

Screw clamp design

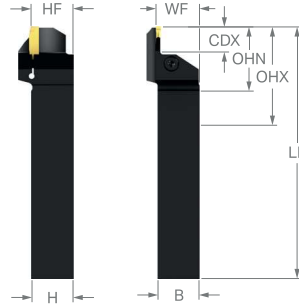
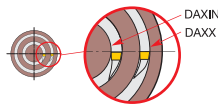
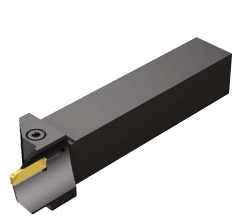


Inch version

|  |     |                   |      |        |        |       |       |                        | Dimensions, inch |       |       |       |       |      |        |       |               |  |  |
|-----------------------------------------------------------------------------------|-----|-------------------|------|--------|--------|-------|-------|------------------------|------------------|-------|-------|-------|-------|------|--------|-------|---------------|--|--|
|                                                                                   | SSC | CZC <sub>MS</sub> | CDX  | DAXIN  | DAXX   | OHX   | OHN   | Ordering code          | B                | H     | LF    | WF    | HF    | PSI  | FT/LBS | LBS   | MIID          |  |  |
|  | H   | 1 x 1             | .709 | 1.575  | 2.362  | 2.603 | 1.603 | C2A-RSA16-LFH18B-040DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175 | 3.3    | 1.519 | C2I-H2N-0400- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 2.047  | 2.835  | 2.603 | 1.603 | C2A-RSA16-LFH18B-052DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175 | 3.3    | 1.519 | C2I-H2N-0400- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 2.520  | 3.937  | 2.603 | 1.603 | C2A-RSA16-LFH18B-064DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175 | 3.3    | 1.506 | C2I-H2N-0400- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 3.622  | 5.512  | 2.603 | 1.603 | C2A-RSA16-LFH18B-092DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175 | 3.3    | 1.501 | C2I-H2N-0400- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 5.197  | 9.055  | 2.603 | 1.603 | C2A-RSA16-LFH18B-132DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175 | 3.3    | 1.495 | C2I-H2N-0400- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 8.661  | 19.685 | 2.603 | 1.603 | C2A-RSA16-LFH18B-220DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175 | 3.3    | 1.493 | C2I-H2N-0400- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 11.811 | 31.496 | 2.603 | 1.603 | C2A-RSA16-LFH18B-300DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175 | 3.3    | 1.490 | C2I-H2N-0400- |  |  |
|                                                                                   | J   | 1 x 1             | .709 | 1.575  | 2.756  | 2.603 | 1.603 | C2A-RSA16-LFJ18B-040DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175 | 3.3    | 1.519 | C2I-J2N-0500- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 2.362  | 3.740  | 2.603 | 1.603 | C2A-RSA16-LFJ18B-060DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175 | 3.3    | 1.517 | C2I-J2N-0500- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 3.346  | 5.118  | 2.603 | 1.603 | C2A-RSA16-LFJ18B-085DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175 | 3.3    | 1.512 | C2I-J2N-0500- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 4.724  | 7.087  | 2.603 | 1.603 | C2A-RSA16-LFJ18B-120DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175 | 3.3    | 1.508 | C2I-J2N-0500- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 6.890  | 19.685 | 2.603 | 1.603 | C2A-RSA16-LFJ18B-175DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175 | 3.3    | 1.499 | C2I-J2N-0500- |  |  |
|                                                                                   | K   | 1 x 1             | .709 | 1.575  | 2.756  | 2.603 | 1.603 | C2A-RSA16-LFK18B-040DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175 | 3.3    | 1.537 | C2I-K2N-0600- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 2.283  | 3.400  | 2.603 | 1.603 | C2A-RSA16-LFK18B-058DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175 | 3.3    | 1.534 | C2I-K2N-0600- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 3.465  | 7.087  | 2.603 | 1.603 | C2A-RSA16-LFK18B-088DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175 | 3.3    | 1.515 | C2I-K2N-0600- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 6.614  | 15.748 | 2.603 | 1.603 | C2A-RSA16-LFK18B-168DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175 | 3.3    | 1.510 | C2I-K2N-0600- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 8.661  | 39.370 | 2.603 | 1.603 | C2A-RSA16-LFK18B-220DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175 | 3.3    | 1.508 | C2I-K2N-0600- |  |  |
|                                                                                   | L   | 1 x 1             | .906 | 2.953  | 5.906  | 2.785 | 1.785 | C2A-RSA16-LFL23B-075DB | 1.000            | 1.000 | 6.000 | 1.063 | 1.000 | 2175 | 4.8    | 1.473 | C2I-L2N-0800- |  |  |
|                                                                                   |     | 1 x 1             | .906 | 5.512  | 15.748 | 2.785 | 1.785 | C2A-RSA16-LFL23B-140DB | 1.000            | 1.000 | 6.000 | 1.063 | 1.000 | 2175 | 4.8    | 1.464 | C2I-L2N-0800- |  |  |
|                                                                                   |     | 1 1/4 x 1         | .906 | 2.953  | 5.906  | 3.035 | 1.785 | C2A-RSA20-LFL23B-075DB | 1.250            | 1.250 | 6.000 | 1.309 | 1.250 | 2175 | 4.8    | 2.262 | C2I-L2N-0800- |  |  |
|                                                                                   |     | 1 1/4 x 1         | .906 | 5.512  | 15.748 | 3.035 | 1.785 | C2A-RSA20-LFL23B-140DB | 1.250            | 1.250 | 6.000 | 1.309 | 1.250 | 2175 | 4.8    | 2.247 | C2I-L2N-0800- |  |  |

# CoroCut® 2 shank tool for face grooving

Screw clamp design

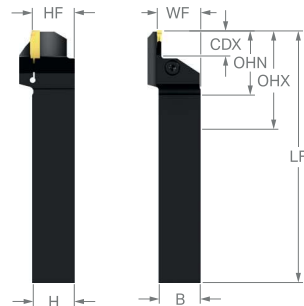
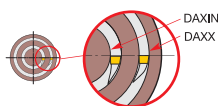
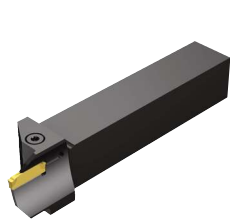


## Metric version

|                                                                                  |         |                   |         |        |        |       |                       | Dimensions, mm        |                       |       |       |       |                                                                                   |                                                                                    | MID           |                                                                                     |               |
|----------------------------------------------------------------------------------|---------|-------------------|---------|--------|--------|-------|-----------------------|-----------------------|-----------------------|-------|-------|-------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------|-------------------------------------------------------------------------------------|---------------|
|                                                                                  | SSC     | CZC <sub>MS</sub> | CDX     | DAXIN  | DAXX   | OHX   | OHN                   | Ordering code         | B                     | H     | LF    | WF    |  |  |               |  |               |
|  | H       | 20 x 20           | 18.0    | 40.0   | 60.0   | 60.7  | 40.7                  | C2A-RS20-RFH18B-040DB | 20.0                  | 20.0  | 125.0 | 21.0  | 150                                                                               | 4.5                                                                                | 0.35          | C2I-H2N-0400-                                                                       |               |
|                                                                                  |         | 20 x 20           | 18.0    | 52.0   | 72.0   | 60.7  | 40.7                  | C2A-RS20-RFH18B-052DB | 20.0                  | 20.0  | 125.0 | 21.0  | 150                                                                               | 4.5                                                                                | 0.35          | C2I-H2N-0400-                                                                       |               |
|                                                                                  |         | 20 x 20           | 18.0    | 64.0   | 100.0  | 60.7  | 40.7                  | C2A-RS20-RFH18B-064DB | 20.0                  | 20.0  | 125.0 | 21.0  | 150                                                                               | 4.5                                                                                | 0.35          | C2I-H2N-0400-                                                                       |               |
|                                                                                  |         | 20 x 20           | 18.0    | 92.0   | 140.0  | 60.7  | 40.7                  | C2A-RS20-RFH18B-092DB | 20.0                  | 20.0  | 125.0 | 21.0  | 150                                                                               | 4.5                                                                                | 0.35          | C2I-H2N-0400-                                                                       |               |
|                                                                                  |         | 20 x 20           | 18.0    | 132.0  | 230.0  | 60.7  | 40.7                  | C2A-RS20-RFH18B-132DB | 20.0                  | 20.0  | 125.0 | 21.0  | 150                                                                               | 4.5                                                                                | 0.34          | C2I-H2N-0400-                                                                       |               |
|                                                                                  |         | 20 x 20           | 18.0    | 220.0  | 500.0  | 60.7  | 40.7                  | C2A-RS20-RFH18B-220DB | 20.0                  | 20.0  | 125.0 | 21.0  | 150                                                                               | 4.5                                                                                | 0.34          | C2I-H2N-0400-                                                                       |               |
|                                                                                  |         | 25 x 25           | 18.0    | 40.0   | 60.0   | 65.7  | 40.7                  | C2A-RS25-RFH18B-040DB | 25.0                  | 25.0  | 150.0 | 26.0  | 150                                                                               | 4.5                                                                                | 0.66          | C2I-H2N-0400-                                                                       |               |
|                                                                                  |         | 25 x 25           | 18.0    | 52.0   | 72.0   | 65.7  | 40.7                  | C2A-RS25-RFH18B-052DB | 25.0                  | 25.0  | 150.0 | 26.0  | 150                                                                               | 4.5                                                                                | 0.66          | C2I-H2N-0400-                                                                       |               |
|                                                                                  |         | 25 x 25           | 18.0    | 64.0   | 100.0  | 65.7  | 40.7                  | C2A-RS25-RFH18B-064DB | 25.0                  | 25.0  | 150.0 | 26.0  | 150                                                                               | 4.5                                                                                | 0.65          | C2I-H2N-0400-                                                                       |               |
|                                                                                  |         | 25 x 25           | 18.0    | 92.0   | 140.0  | 65.7  | 40.7                  | C2A-RS25-RFH18B-092DB | 25.0                  | 25.0  | 150.0 | 26.0  | 150                                                                               | 4.5                                                                                | 0.65          | C2I-H2N-0400-                                                                       |               |
|                                                                                  |         | 25 x 25           | 18.0    | 132.0  | 230.0  | 65.7  | 40.7                  | C2A-RS25-RFH18B-132DB | 25.0                  | 25.0  | 150.0 | 26.0  | 150                                                                               | 4.5                                                                                | 0.65          | C2I-H2N-0400-                                                                       |               |
|                                                                                  |         | 25 x 25           | 18.0    | 220.0  | 500.0  | 65.7  | 40.7                  | C2A-RS25-RFH18B-220DB | 25.0                  | 25.0  | 150.0 | 26.0  | 150                                                                               | 4.5                                                                                | 0.65          | C2I-H2N-0400-                                                                       |               |
|                                                                                  |         | 25 x 25           | 18.0    | 300.0  | 1100.0 | 65.7  | 40.7                  | C2A-RS25-RFH18B-300DB | 25.0                  | 25.0  | 150.0 | 26.0  | 150                                                                               | 4.5                                                                                | 0.64          | C2I-H2N-0400-                                                                       |               |
|                                                                                  |         | J                 | 25 x 25 | 18.0   | 40.0   | 70.0  | 65.7                  | 40.7                  | C2A-RS25-RFJ18B-040DB | 25.0  | 25.0  | 150.0 | 26.0                                                                              | 150                                                                                | 4.5           | 0.66                                                                                | C2I-J2N-0500- |
|                                                                                  |         |                   | 25 x 25 | 18.0   | 60.0   | 95.0  | 65.7                  | 40.7                  | C2A-RS25-RFJ18B-060DB | 25.0  | 25.0  | 150.0 | 26.0                                                                              | 150                                                                                | 4.5           | 0.66                                                                                | C2I-J2N-0500- |
|                                                                                  |         |                   | 25 x 25 | 18.0   | 85.0   | 130.0 | 65.7                  | 40.7                  | C2A-RS25-RFJ18B-085DB | 25.0  | 25.0  | 150.0 | 26.0                                                                              | 150                                                                                | 4.5           | 0.65                                                                                | C2I-J2N-0500- |
|                                                                                  |         |                   | 25 x 25 | 18.0   | 120.0  | 180.0 | 65.7                  | 40.7                  | C2A-RS25-RFJ18B-120DB | 25.0  | 25.0  | 150.0 | 26.0                                                                              | 150                                                                                | 4.5           | 0.65                                                                                | C2I-J2N-0500- |
|                                                                                  |         |                   | 25 x 25 | 18.0   | 175.0  | 500.0 | 65.7                  | 40.7                  | C2A-RS25-RFJ18B-175DB | 25.0  | 25.0  | 150.0 | 26.0                                                                              | 150                                                                                | 4.5           | 0.65                                                                                | C2I-J2N-0500- |
| K                                                                                | 25 x 25 | 18.0              | 40.0    | 70.0   | 65.7   | 40.7  | C2A-RS25-RFK18B-040DB | 25.0                  | 25.0                  | 150.0 | 26.0  | 150   | 4.5                                                                               | 0.67                                                                               | C2I-K2N-0600- |                                                                                     |               |
|                                                                                  | 25 x 25 | 18.0              | 58.0    | 100.0  | 65.7   | 40.7  | C2A-RS25-RFK18B-058DB | 25.0                  | 25.0                  | 150.0 | 26.0  | 150   | 4.5                                                                               | 0.66                                                                               | C2I-K2N-0600- |                                                                                     |               |
|                                                                                  | 25 x 25 | 18.0              | 88.0    | 180.0  | 65.7   | 40.7  | C2A-RS25-RFK18B-088DB | 25.0                  | 25.0                  | 150.0 | 26.0  | 150   | 4.5                                                                               | 0.66                                                                               | C2I-K2N-0600- |                                                                                     |               |
|                                                                                  | 25 x 25 | 18.0              | 168.0   | 400.0  | 65.7   | 40.7  | C2A-RS25-RFK18B-168DB | 25.0                  | 25.0                  | 150.0 | 26.0  | 150   | 4.5                                                                               | 0.65                                                                               | C2I-K2N-0600- |                                                                                     |               |
|                                                                                  | 25 x 25 | 18.0              | 220.0   | 1000.0 | 65.7   | 40.7  | C2A-RS25-RFK18B-220DB | 25.0                  | 25.0                  | 150.0 | 26.0  | 150   | 4.5                                                                               | 0.65                                                                               | C2I-K2N-0600- |                                                                                     |               |
|                                                                                  | 32 x 32 | 18.0              | 88.0    | 180.0  | 72.7   | 40.7  | C2A-RS32-RFK18B-088DB | 32.0                  | 32.0                  | 170.0 | 33.0  | 150   | 4.5                                                                               | 1.21                                                                               | C2I-K2N-0600- |                                                                                     |               |
|                                                                                  | 32 x 32 | 18.0              | 168.0   | 400.0  | 72.7   | 40.7  | C2A-RS32-RFK18B-168DB | 32.0                  | 32.0                  | 170.0 | 33.0  | 150   | 4.5                                                                               | 1.21                                                                               | C2I-K2N-0600- |                                                                                     |               |
|                                                                                  | 32 x 32 | 18.0              | 220.0   | 1000.0 | 72.7   | 40.7  | C2A-RS32-RFK18B-220DB | 32.0                  | 32.0                  | 170.0 | 33.0  | 150   | 4.5                                                                               | 1.21                                                                               | C2I-K2N-0600- |                                                                                     |               |
|                                                                                  | L       | 25 x 25           | 23.0    | 50.0   | 80.0   | 70.3  | 45.3                  | C2A-RS25-RFL23B-050DB | 25.0                  | 25.0  | 150.0 | 26.5  | 150                                                                               | 6.5                                                                                | 0.65          | C2I-L2N-0800-                                                                       |               |
|                                                                                  |         | 25 x 25           | 23.0    | 75.0   | 150.0  | 70.3  | 45.3                  | C2A-RS25-RFL23B-075DB | 25.0                  | 25.0  | 150.0 | 26.5  | 150                                                                               | 6.5                                                                                | 0.64          | C2I-L2N-0800-                                                                       |               |
| 25 x 25                                                                          |         | 23.0              | 140.0   | 400.0  | 70.3   | 45.3  | C2A-RS25-RFL23B-140DB | 25.0                  | 25.0                  | 150.0 | 26.5  | 150   | 6.5                                                                               | 0.63                                                                               | C2I-L2N-0800- |                                                                                     |               |
| 32 x 32                                                                          |         | 23.0              | 75.0    | 150.0  | 77.3   | 45.3  | C2A-RS32-RFL23B-075DB | 32.0                  | 32.0                  | 170.0 | 33.5  | 150   | 6.5                                                                               | 1.18                                                                               | C2I-L2N-0800- |                                                                                     |               |
| 32 x 32                                                                          |         | 23.0              | 140.0   | 400.0  | 77.3   | 45.3  | C2A-RS32-RFL23B-140DB | 32.0                  | 32.0                  | 170.0 | 33.5  | 150   | 6.5                                                                               | 1.17                                                                               | C2I-L2N-0800- |                                                                                     |               |

# CoroCut® 2 shank tool for face grooving

## Screw clamp design

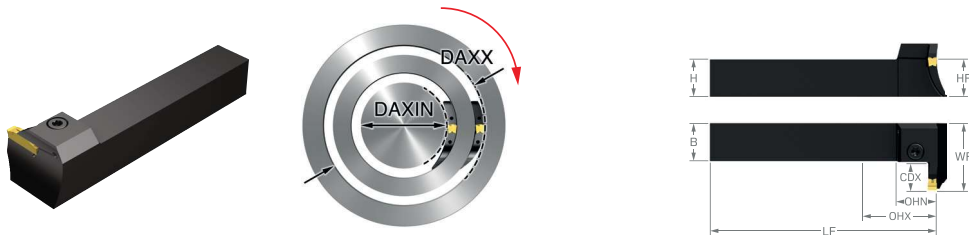


## Inch version

|  |     |                   |      |        |        |       |       |                        | Dimensions, inch |       |       |       |       |                                                                                     |                                                                                     |                                                                                     |               |  |  |
|-----------------------------------------------------------------------------------|-----|-------------------|------|--------|--------|-------|-------|------------------------|------------------|-------|-------|-------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|--|--|
|                                                                                   | SSC | CZC <sub>MS</sub> | CDX  | DAXIN  | DAXX   | OHX   | OHN   | Ordering code          | B                | H     | LF    | WF    | HF    |  |  |  | MIID          |  |  |
|                                                                                   | H   | 1 x 1             | .709 | 1.575  | 2.362  | 2.603 | 1.603 | C2A-RSA16-RFH18B-040DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175                                                                                | 3.3                                                                                 | 1.519                                                                               | C2I-H2N-0400- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 2.047  | 2.835  | 2.603 | 1.603 | C2A-RSA16-RFH18B-052DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175                                                                                | 3.3                                                                                 | 1.519                                                                               | C2I-H2N-0400- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 2.520  | 3.937  | 2.603 | 1.603 | C2A-RSA16-RFH18B-064DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175                                                                                | 3.3                                                                                 | 1.506                                                                               | C2I-H2N-0400- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 3.622  | 5.512  | 2.603 | 1.603 | C2A-RSA16-RFH18B-092DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175                                                                                | 3.3                                                                                 | 1.501                                                                               | C2I-H2N-0400- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 5.197  | 9.055  | 2.603 | 1.603 | C2A-RSA16-RFH18B-132DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175                                                                                | 3.3                                                                                 | 1.495                                                                               | C2I-H2N-0400- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 8.661  | 19.685 | 2.603 | 1.603 | C2A-RSA16-RFH18B-220DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175                                                                                | 3.3                                                                                 | 1.493                                                                               | C2I-H2N-0400- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 11.811 | 31.496 | 2.603 | 1.603 | C2A-RSA16-RFH18B-300DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175                                                                                | 3.3                                                                                 | 1.490                                                                               | C2I-H2N-0400- |  |  |
|                                                                                   | J   | 1 x 1             | .709 | 1.575  | 2.756  | 2.603 | 1.603 | C2A-RSA16-RFJ18B-040DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175                                                                                | 3.3                                                                                 | 1.519                                                                               | C2I-J2N-0500- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 2.362  | 3.740  | 2.603 | 1.603 | C2A-RSA16-RFJ18B-060DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175                                                                                | 3.3                                                                                 | 1.517                                                                               | C2I-J2N-0500- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 3.346  | 5.118  | 2.603 | 1.603 | C2A-RSA16-RFJ18B-085DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175                                                                                | 3.3                                                                                 | 1.512                                                                               | C2I-J2N-0500- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 4.724  | 7.087  | 2.603 | 1.603 | C2A-RSA16-RFJ18B-120DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175                                                                                | 3.3                                                                                 | 1.508                                                                               | C2I-J2N-0500- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 6.890  | 19.685 | 2.603 | 1.603 | C2A-RSA16-RFJ18B-175DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175                                                                                | 3.3                                                                                 | 1.499                                                                               | C2I-J2N-0500- |  |  |
|                                                                                   | K   | 1 x 1             | .709 | 1.575  | 2.756  | 2.603 | 1.603 | C2A-RSA16-RFK18B-040DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175                                                                                | 3.3                                                                                 | 1.537                                                                               | C2I-K2N-0600- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 2.283  | 3.400  | 2.603 | 1.603 | C2A-RSA16-RFK18B-058DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175                                                                                | 3.3                                                                                 | 1.534                                                                               | C2I-K2N-0600- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 3.465  | 7.087  | 2.603 | 1.603 | C2A-RSA16-RFK18B-088DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175                                                                                | 3.3                                                                                 | 1.515                                                                               | C2I-K2N-0600- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 6.614  | 15.748 | 2.603 | 1.603 | C2A-RSA16-RFK18B-168DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175                                                                                | 3.3                                                                                 | 1.510                                                                               | C2I-K2N-0600- |  |  |
|                                                                                   |     | 1 x 1             | .709 | 8.661  | 39.370 | 2.603 | 1.603 | C2A-RSA16-RFK18B-220DB | 1.000            | 1.000 | 6.000 | 1.039 | 1.000 | 2175                                                                                | 3.3                                                                                 | 1.508                                                                               | C2I-K2N-0600- |  |  |
|                                                                                   | L   | 1 x 1             | .906 | 2.953  | 5.906  | 2.785 | 1.785 | C2A-RSA16-RFL23B-075DB | 1.000            | 1.000 | 6.000 | 1.063 | 1.000 | 2175                                                                                | 4.8                                                                                 | 1.473                                                                               | C2I-L2N-0800- |  |  |
|                                                                                   |     | 1 x 1             | .906 | 5.512  | 15.748 | 2.785 | 1.785 | C2A-RSA16-RFL23B-140DB | 1.000            | 1.000 | 6.000 | 1.063 | 1.000 | 2175                                                                                | 4.8                                                                                 | 1.464                                                                               | C2I-L2N-0800- |  |  |
|                                                                                   |     | 1 1/4 x 1         | .906 | 2.953  | 5.906  | 3.035 | 1.785 | C2A-RSA20-RFL23B-075DB | 1.250            | 1.250 | 6.000 | 1.309 | 1.250 | 2175                                                                                | 4.8                                                                                 | 2.262                                                                               | C2I-L2N-0800- |  |  |
|                                                                                   |     | 1 1/4 x 1         | .906 | 5.512  | 15.748 | 3.035 | 1.785 | C2A-RSA20-RFL23B-140DB | 1.250            | 1.250 | 6.000 | 1.309 | 1.250 | 2175                                                                                | 4.8                                                                                 | 2.205                                                                               | C2I-L2N-0800- |  |  |

# CoroCut® 2 shank tool for face grooving

Screw clamp design



## Metric version

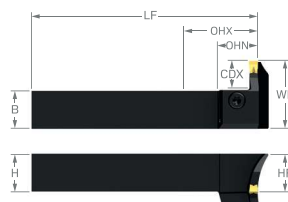
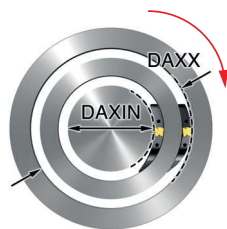
|  |     |                   |      |       |        |      |      | Ordering code         | Dimensions, mm |      |       |      |     |     |      | MID           |
|--|-----|-------------------|------|-------|--------|------|------|-----------------------|----------------|------|-------|------|-----|-----|------|---------------|
|  | SSC | CZC <sub>MS</sub> | CDX  | DAXIN | DAXX   | OHX  | OHN  |                       | B              | H    | LF    | WF   | BAR | NM  | KG   |               |
|  | H   | 25 x 25           | 18.0 | 40.0  | 60.0   | 49.6 | 24.6 | C2A-RS25-LGH18B-040DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.78 | C2I-H2N-0400- |
|  |     | 25 x 25           | 18.0 | 52.0  | 72.0   | 49.6 | 24.6 | C2A-RS25-LGH18B-052DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.78 | C2I-H2N-0400- |
|  |     | 25 x 25           | 18.0 | 64.0  | 100.0  | 49.6 | 24.6 | C2A-RS25-LGH18B-064DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.77 | C2I-H2N-0400- |
|  |     | 25 x 25           | 18.0 | 92.0  | 140.0  | 49.6 | 24.6 | C2A-RS25-LGH18B-092DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.77 | C2I-H2N-0400- |
|  |     | 25 x 25           | 18.0 | 132.0 | 230.0  | 49.6 | 24.6 | C2A-RS25-LGH18B-132DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.77 | C2I-H2N-0400- |
|  |     | 25 x 25           | 18.0 | 220.0 | 500.0  | 49.6 | 24.6 | C2A-RS25-LGH18B-220DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.76 | C2I-H2N-0400- |
|  | K   | 25 x 25           | 18.0 | 300.0 | 1100.0 | 49.6 | 24.6 | C2A-RS25-LGH18B-300DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.76 | C2I-H2N-0400- |
|  |     | 25 x 25           | 18.0 | 58.0  | 100.0  | 51.6 | 26.6 | C2A-RS25-LGK18B-058DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.78 | C2I-K2N-0600- |
|  |     | 25 x 25           | 18.0 | 88.0  | 180.0  | 51.6 | 26.6 | C2A-RS25-LGK18B-088DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.77 | C2I-K2N-0600- |
|  |     | 25 x 25           | 18.0 | 168.0 | 400.0  | 51.6 | 26.6 | C2A-RS25-LGK18B-168DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.77 | C2I-K2N-0600- |
|  | L   | 25 x 25           | 20.0 | 50.0  | 80.0   | 52.6 | 27.6 | C2A-RS25-LGL20B-050DB | 25.0           | 25.0 | 150.0 | 47.0 | 150 | 6.5 | 0.79 | C2I-L2N-0800- |
|  |     | 25 x 25           | 20.0 | 75.0  | 150.0  | 52.6 | 27.6 | C2A-RS25-LGL20B-075DB | 25.0           | 25.0 | 150.0 | 47.0 | 150 | 6.5 | 0.77 | C2I-L2N-0800- |
|  |     | 25 x 25           | 20.0 | 140.0 | 400.0  | 52.6 | 27.6 | C2A-RS25-LGL20B-140DB | 25.0           | 25.0 | 150.0 | 47.0 | 150 | 6.5 | 0.77 | C2I-L2N-0800- |

## Inch version

|  |     |                   |      |        |        |       |       | Ordering code          | Dimensions, inch |       |       |       |       |                                                                                       |                                                                                       |                                                                                       |               |  | MID |
|------------------------------------------------------------------------------------|-----|-------------------|------|--------|--------|-------|-------|------------------------|------------------|-------|-------|-------|-------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------|--|-----|
|                                                                                    | SSC | CZC <sub>MS</sub> | CDX  | DAXIN  | DAXX   | OHX   | OHN   |                        | B                | H     | LF    | WF    | HF    |  |  |  |               |  |     |
|                                                                                    | H   | 1 x 1             | .709 | 1.575  | 2.362  | 1.969 | .969  | C2A-RSA16-LGH18B-040DB | 1.000            | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.801                                                                                 | C2I-H2N-0400- |  |     |
|                                                                                    |     | 1 x 1             | .709 | 2.047  | 2.835  | 1.969 | .969  | C2A-RSA16-LGH18B-052DB | 1.000            | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.799                                                                                 | C2I-H2N-0400- |  |     |
|                                                                                    |     | 1 x 1             | .709 | 2.520  | 3.937  | 1.969 | .969  | C2A-RSA16-LGH18B-064DB | 1.000            | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.781                                                                                 | C2I-H2N-0400- |  |     |
|                                                                                    |     | 1 x 1             | .709 | 3.622  | 5.512  | 1.969 | .969  | C2A-RSA16-LGH18B-092DB | 1.000            | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.775                                                                                 | C2I-H2N-0400- |  |     |
|                                                                                    |     | 1 x 1             | .709 | 5.197  | 9.055  | 1.969 | .969  | C2A-RSA16-LGH18B-132DB | 1.000            | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.766                                                                                 | C2I-H2N-0400- |  |     |
|                                                                                    |     | 1 x 1             | .709 | 8.661  | 19.685 | 1.969 | .969  | C2A-RSA16-LGH18B-220DB | 1.000            | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.759                                                                                 | C2I-H2N-0400- |  |     |
|                                                                                    | K   | 1 x 1             | .709 | 11.811 | 43.307 | 1.969 | .969  | C2A-RSA16-LGH18B-300DB | 1.000            | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.757                                                                                 | C2I-H2N-0400- |  |     |
|                                                                                    |     | 1 x 1             | .709 | 2.283  | 3.937  | 2.047 | 1.047 | C2A-RSA16-LGK18B-058DB | 1.000            | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.803                                                                                 | C2I-K2N-0600- |  |     |
|                                                                                    |     | 1 x 1             | .709 | 3.465  | 7.087  | 2.047 | 1.047 | C2A-RSA16-LGK18B-088DB | 1.000            | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.788                                                                                 | C2I-K2N-0600- |  |     |
|                                                                                    |     | 1 x 1             | .709 | 6.614  | 15.748 | 2.047 | 1.047 | C2A-RSA16-LGK18B-168DB | 1.000            | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.781                                                                                 | C2I-K2N-0600- |  |     |
|                                                                                    | L   | 1 x 1             | .790 | 1.969  | 3.150  | 2.087 | 1.087 | C2A-RSA16-LGL20B-050DB | 1.000            | 1.000 | 6.000 | 1.869 | 1.000 | 2175                                                                                  | 4.8                                                                                   | 1.984                                                                                 | C2I-L2N-0800- |  |     |
|                                                                                    |     | 1 x 1             | .790 | 2.953  | 5.906  | 2.087 | 1.087 | C2A-RSA16-LGL20B-075DB | 1.000            | 1.000 | 6.000 | 1.869 | 1.000 | 2175                                                                                  | 4.8                                                                                   | 1.786                                                                                 | C2I-L2N-0800- |  |     |
|                                                                                    |     | 1 x 1             | .790 | 5.512  | 15.748 | 2.087 | 1.087 | C2A-RSA16-LGL20B-140DB | 1.000            | 1.000 | 6.000 | 1.869 | 1.000 | 2175                                                                                  | 4.8                                                                                   | 1.775                                                                                 | C2I-L2N-0800- |  |     |

# CoroCut® 2 shank tool for face grooving

Screw clamp design



## Metric version

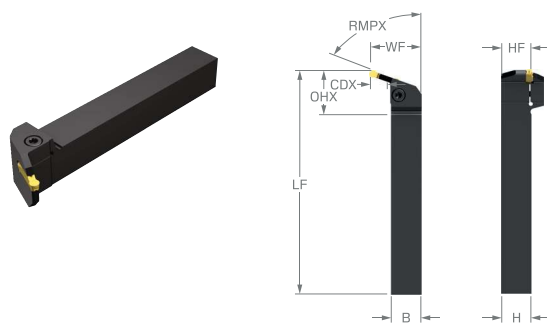
|  |     |                   |      |       |        |      |      | Ordering code         | Dimensions, mm |      |       |      |     |     |      | MIID          |
|--|-----|-------------------|------|-------|--------|------|------|-----------------------|----------------|------|-------|------|-----|-----|------|---------------|
|  | SSC | CZC <sub>MS</sub> | CDX  | DAXIN | DAXX   | OHX  | OHN  |                       | B              | H    | LF    | WF   | BAR | NM  | KG   |               |
|  | H   | 25 x 25           | 18.0 | 40.0  | 60.0   | 49.6 | 24.6 | C2A-RS25-RGH18B-040DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.78 | C2I-H2N-0400- |
|  |     | 25 x 25           | 18.0 | 52.0  | 72.0   | 49.6 | 24.6 | C2A-RS25-RGH18B-052DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.78 | C2I-H2N-0400- |
|  |     | 25 x 25           | 18.0 | 64.0  | 100.0  | 49.6 | 24.6 | C2A-RS25-RGH18B-064DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.77 | C2I-H2N-0400- |
|  |     | 25 x 25           | 18.0 | 92.0  | 140.0  | 49.6 | 24.6 | C2A-RS25-RGH18B-092DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.77 | C2I-H2N-0400- |
|  |     | 25 x 25           | 18.0 | 132.0 | 230.0  | 49.6 | 24.6 | C2A-RS25-RGH18B-132DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.77 | C2I-H2N-0400- |
|  |     | 25 x 25           | 18.0 | 220.0 | 500.0  | 49.6 | 24.6 | C2A-RS25-RGH18B-220DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.76 | C2I-H2N-0400- |
|  | K   | 25 x 25           | 18.0 | 300.0 | 1100.0 | 49.6 | 24.6 | C2A-RS25-RGH18B-300DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.76 | C2I-H2N-0400- |
|  |     | 25 x 25           | 18.0 | 58.0  | 100.0  | 51.6 | 26.6 | C2A-RS25-RGK18B-058DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.78 | C2I-K2N-0600- |
|  |     | 25 x 25           | 18.0 | 88.0  | 180.0  | 51.6 | 26.6 | C2A-RS25-RGK18B-088DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.77 | C2I-K2N-0600- |
|  |     | 25 x 25           | 18.0 | 168.0 | 400.0  | 51.6 | 26.6 | C2A-RS25-RGK18B-168DB | 25.0           | 25.0 | 150.0 | 45.0 | 150 | 4.5 | 0.77 | C2I-K2N-0600- |
|  |     | 25 x 25           | 20.0 | 50.0  | 80.0   | 52.6 | 27.6 | C2A-RS25-RGL20B-050DB | 25.0           | 25.0 | 150.0 | 47.0 | 150 | 6.5 | 0.79 | C2I-L2N-0800- |
|  |     | 25 x 25           | 20.0 | 75.0  | 150.0  | 52.6 | 27.6 | C2A-RS25-RGL20B-075DB | 25.0           | 25.0 | 150.0 | 47.0 | 150 | 6.5 | 0.77 | C2I-L2N-0800- |
|  | L   | 25 x 25           | 20.0 | 140.0 | 400.0  | 52.6 | 27.6 | C2A-RS25-RGL20B-140DB | 25.0           | 25.0 | 150.0 | 47.0 | 150 | 6.5 | 0.77 | C2I-L2N-0800- |

## Inch version

|                                                                                     |     |                   |       |        |        |       |       |                        | Dimensions, inch       |       |       |       |       |                                                                                       |                                                                                       |                                                                                       |               |               |
|-------------------------------------------------------------------------------------|-----|-------------------|-------|--------|--------|-------|-------|------------------------|------------------------|-------|-------|-------|-------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------|---------------|
|                                                                                     | SSC | CZC <sub>MS</sub> | CDX   | DAXIN  | DAXX   | OHX   | OHN   | Ordering code          | B                      | H     | LF    | WF    | HF    |  |  |  | MIID          |               |
|  | H   | 1 x 1             | .709  | 1.575  | 2.362  | 1.969 | .969  | C2A-RSA16-RGH18B-040DB | 1.000                  | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.801                                                                                 | C2I-H2N-0400- |               |
|                                                                                     |     | 1 x 1             | .709  | 2.047  | 2.835  | 1.969 | .969  | C2A-RSA16-RGH18B-052DB | 1.000                  | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.799                                                                                 | C2I-H2N-0400- |               |
|                                                                                     |     | 1 x 1             | .709  | 2.520  | 3.937  | 1.969 | .969  | C2A-RSA16-RGH18B-064DB | 1.000                  | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.781                                                                                 | C2I-H2N-0400- |               |
|                                                                                     |     | 1 x 1             | .709  | 3.622  | 5.512  | 1.969 | .969  | C2A-RSA16-RGH18B-092DB | 1.000                  | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.775                                                                                 | C2I-H2N-0400- |               |
|                                                                                     |     | 1 x 1             | .709  | 5.197  | 9.055  | 1.969 | .969  | C2A-RSA16-RGH18B-132DB | 1.000                  | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.766                                                                                 | C2I-H2N-0400- |               |
|                                                                                     |     | 1 x 1             | .709  | 8.661  | 19.685 | 1.969 | .969  | C2A-RSA16-RGH18B-220DB | 1.000                  | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.759                                                                                 | C2I-H2N-0400- |               |
|                                                                                     | K   | 1 x 1             | .709  | 11.811 | 43.307 | 1.969 | .969  | C2A-RSA16-RGH18B-300DB | 1.000                  | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.757                                                                                 | C2I-H2N-0400- |               |
|                                                                                     |     | 1 x 1             | .709  | 2.283  | 3.937  | 2.047 | 1.047 | C2A-RSA16-RGK18B-058DB | 1.000                  | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.803                                                                                 | C2I-K2N-0600- |               |
|                                                                                     |     | 1 x 1             | .709  | 3.465  | 7.087  | 2.047 | 1.047 | C2A-RSA16-RGK18B-088DB | 1.000                  | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.788                                                                                 | C2I-K2N-0600- |               |
|                                                                                     |     | 1 x 1             | .709  | 6.614  | 15.748 | 2.047 | 1.047 | C2A-RSA16-RGK18B-168DB | 1.000                  | 1.000 | 6.000 | 1.788 | 1.000 | 2175                                                                                  | 3.3                                                                                   | 1.781                                                                                 | C2I-K2N-0600- |               |
|                                                                                     |     | L                 | 1 x 1 | .790   | 1.969  | 3.150 | 2.087 | 1.087                  | C2A-RSA16-RGL20B-050DB | 1.000 | 1.000 | 6.000 | 1.869 | 1.000                                                                                 | 2175                                                                                  | 4.8                                                                                   | 1.814         | C2I-L2N-0800- |
|                                                                                     |     |                   | 1 x 1 | .790   | 2.953  | 5.906 | 2.087 | 1.087                  | C2A-RSA16-RGL20B-075DB | 1.000 | 1.000 | 6.000 | 1.869 | 1.000                                                                                 | 2175                                                                                  | 4.8                                                                                   | 1.786         | C2I-L2N-0800- |
|                                                                                     |     | 1 x 1             | .790  | 5.512  | 15.748 | 2.087 | 1.087 | C2A-RSA16-RGL20B-140DB | 1.000                  | 1.000 | 6.000 | 1.869 | 1.000 | 2175                                                                                  | 4.8                                                                                   | 1.775                                                                                 | C2I-L2N-0800- |               |

# CoroCut® 2 shank tool for profiling

Screw clamp design



## Metric version

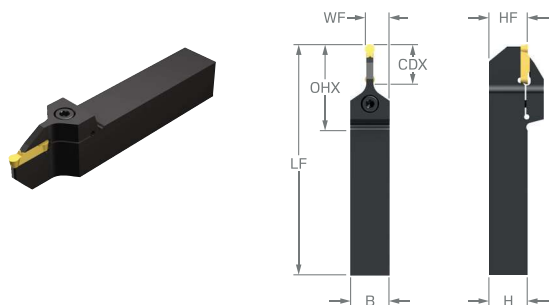
|  |     |                   |      |      |      |      |                      | Dimensions, mm |      |       |      |     |      |                |  |
|--|-----|-------------------|------|------|------|------|----------------------|----------------|------|-------|------|-----|------|----------------|--|
|  | SSC | CZC <sub>MS</sub> | CDX  | RMPX | OHX  | OHN  | Ordering code        | B              | H    | LF    | WF   | NM  | KG   | MIID           |  |
|  | G   | 20 x 20           | 4.0  | 45°  | 54.3 | 34.3 | C2T-RS20-R/LX45G04DB | 20.0           | 20.0 | 150.0 | 25.6 | 4.0 | 0.44 | C2I-G2-0400-RM |  |
|  |     | 25 x 25           | 4.0  | 45°  | 59.3 | 34.3 | C2T-RS25-R/LX45G04DB | 25.0           | 25.0 | 150.0 | 30.6 | 4.0 | 0.67 | C2I-G2-0400-RM |  |
|  | J   | 20 x 20           | 5.0  | 45°  | 60.9 | 40.9 | C2T-RS20-R/LX45J05DB | 20.0           | 20.0 | 150.0 | 26.6 | 4.5 | 0.45 | C2I-J2-0600-RM |  |
|  |     | 25 x 25           | 5.0  | 45°  | 65.9 | 40.9 | C2T-RS25-R/LX45J05DB | 25.0           | 25.0 | 150.0 | 31.6 | 4.5 | 0.68 | C2I-J2-0600-RM |  |
|  | J   | 25 x 25           | 16.0 | 70°  | 60.1 | 35.1 | C2T-RS25-R/LX70J16DB | 25.0           | 25.0 | 190.0 | 42.6 | 4.5 | 0.90 | C2I-J2-0600-RM |  |
|  |     | 32 x 32           | 16.0 | 70°  | 67.1 | 35.1 | C2T-RS32-R/LX70J16DB | 32.0           | 32.0 | 190.0 | 49.6 | 4.5 | 1.46 | C2I-J2-0600-RM |  |
|  |     |                   |      |      |      |      |                      |                |      |       |      |     |      |                |  |
|  |     |                   |      |      |      |      |                      |                |      |       |      |     |      |                |  |
|  | L   | 25 x 25           | 25.0 | 83°  | 73.3 | 48.3 | C2T-RS25-R/LX07L25DB | 25.0           | 25.0 | 190.0 | 32.0 | 6.5 | 0.86 | C2I-L2-0800-RM |  |
|  |     | 32 x 32           | 25.0 | 83°  | 80.3 | 48.3 | C2T-RS32-R/LX07L25DB | 32.0           | 32.0 | 190.0 | 40.0 | 6.5 | 1.37 | C2I-L2-0800-RM |  |
|  |     |                   |      |      |      |      |                      |                |      |       |      |     |      |                |  |
|  |     |                   |      |      |      |      |                      |                |      |       |      |     |      |                |  |

## Inch version

|  |     |                   |      |      |       |       |                        | Dimensions, inch |       |       |       |       |        |       |                |
|--|-----|-------------------|------|------|-------|-------|------------------------|------------------|-------|-------|-------|-------|--------|-------|----------------|
|  | SSC | CZC <sub>MS</sub> | CDX  | RMPX | OHX   | OHN   | Ordering code          | B                | H     | LF    | WF    | HF    | FT/LBS | LBS   | MIID           |
|  | G   | 3/4 x 3/4         | .160 | 45°  | 2.099 | 1.349 | C2T-RSA12-RX45G016DB   | .750             | .750  | 6.000 | .973  | .750  | 3.0    | .895  | C2I-G2-0400-RM |
|  |     | 1 x 1             | .160 | 45°  | 2.349 | 1.349 | C2T-RSA16-R/LX45G016DB | 1.000            | 1.000 | 6.000 | 1.223 | 1.000 | 3.0    | 1.534 | C2I-G2-0400-RM |
|  | J   | 3/4 x 3/4         | .200 | 45°  | 2.362 | 1.612 | C2T-RSA12-R/LX45J020DB | .750             | .750  | 6.000 | 1.013 | .750  | 3.3    | .913  | C2I-J2-0600-RM |
|  |     | 1 x 1             | .200 | 45°  | 2.612 | 1.612 | C2T-RSA16-R/LX45J020DB | 1.000            | 1.000 | 6.000 | 1.263 | 1.000 | 3.3    | 1.561 | C2I-J2-0600-RM |
|  |     | 1 1/4 x 1         | .200 | 45°  | 2.862 | 1.612 | C2T-RSA20-R/LX45J020DB | 1.250            | 1.250 | 6.000 | 1.513 | 1.250 | 3.3    | 2.355 | C2I-J2-0600-RM |
|  | J   | 1 x 1             | .620 | 70°  | 2.381 | 1.381 | C2T-RSA16-R/LX70J062DB | 1.000            | 1.000 | 7.500 | 1.683 | 1.000 | 3.3    | 2.061 | C2I-J2-0600-RM |
|  |     | 1 1/4 x 1         | .620 | 70°  | 2.631 | 1.381 | C2T-RSA20-R/LX70J062DB | 1.250            | 1.250 | 7.500 | 1.933 | 1.250 | 3.3    | 3.175 | C2I-J2-0600-RM |
|  |     |                   |      |      |       |       |                        |                  |       |       |       |       |        |       |                |

# CoroCut® 2 shank tool for profiling

Screw clamp design



|                                                                                   |     |                   |      |      |      |      |                 | Dimensions, mm |      |       |      |     |      |                |  |
|-----------------------------------------------------------------------------------|-----|-------------------|------|------|------|------|-----------------|----------------|------|-------|------|-----|------|----------------|--|
|  | SSC | CZC <sub>MS</sub> | CDX  | RMPX | OHX  | OHN  | Ordering code   | B              | H    | LF    | WF   | NM  | KG   | MIID           |  |
|                                                                                   | G   | 20 x 20           | 18.0 | 90°  | 63.8 | 43.8 | C2T-RS20-N18GDB | 20.0           | 20.0 | 150.0 | 12.0 | 4.5 | 0.41 | C2I-G2-0400-RM |  |
|                                                                                   |     | 25 x 25           | 18.0 | 90°  | 68.8 | 43.8 | C2T-RS25-N18GDB | 25.0           | 25.0 | 150.0 | 14.5 | 4.5 | 0.63 | C2I-G2-0400-RM |  |
|                                                                                   | J   | 25 x 25           | 25.0 | 90°  | 78.1 | 53.1 | C2T-RS25-N25JDB | 25.0           | 25.0 | 150.0 | 15.5 | 5.5 | 0.61 | C2I-J2-0600-RM |  |
|                                                                                   |     | 32 x 32           | 25.0 | 90°  | 85.1 | 53.1 | C2T-RS32-N25JDB | 32.0           | 32.0 | 170.0 | 19.0 | 5.5 | 1.13 | C2I-J2-0600-RM |  |

CoroCut® 2 cutting head for parting and grooving  
Screw clamp design



|  |     |                   |                  |                   |      |      |      |                   | Dimensions, mm     |      |      |                                                                                   |                                                                                   |                                                                                   |               |
|----------------------------------------------------------------------------------|-----|-------------------|------------------|-------------------|------|------|------|-------------------|--------------------|------|------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------|
|                                                                                  | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | DMIN <sub>1</sub> | RMPX | OHX  | CNSC | Ordering code     | DCON <sub>MS</sub> | LF   | WF   |  |  |  | MIID          |
|                                                                                  |     |                   |                  |                   |      |      |      |                   |                    |      |      |                                                                                   |                                                                                   |                                                                                   |               |
|                                                                                  | D   | 25                | 12.0             | 139.0             | 90°  | 14.0 | 1    | C2R-SL25-R/LD12GB | 25                 | 14.0 | 30.9 | 150                                                                               | 2.0                                                                               | 0.05                                                                              | C2I-D2N-0150- |
|                                                                                  |     | 32                | 12.0             | 139.0             | 90°  | 14.0 | 1    | C2R-SL32-R/LD12GB | 32                 | 14.0 | 34.4 | 150                                                                               | 2.0                                                                               | 0.08                                                                              | C2I-D2N-0150- |
|                                                                                  |     | 40                | 12.0             | 139.0             | 90°  | 14.0 | 1    | C2R-SL40-R/LD12GB | 40                 | 14.0 | 38.0 | 150                                                                               | 2.0                                                                               | 0.13                                                                              | C2I-D2N-0150- |
|                                                                                  | H   | 32                | 23.0             | 92.0              | 90°  | 18.0 | 1    | C2R-SL32-R/LH23GB | 32                 | 18.0 | 46.1 | 150                                                                               | 3.0                                                                               | 0.12                                                                              | C2I-H2N-0400- |
|                                                                                  |     | 40                | 23.0             | 92.0              | 90°  | 18.0 | 1    | C2R-SL40-R/LH23GB | 40                 | 18.0 | 50.1 | 150                                                                               | 3.0                                                                               | 0.18                                                                              | C2I-H2N-0400- |
|                                                                                  | J   | 32                | 18.0             | 92.0              | 90°  | 18.0 | 1    | C2R-SL32-R/LJ18GB | 32                 | 18.0 | 41.1 | 150                                                                               | 4.0                                                                               | 0.11                                                                              | C2I-J2N-0500- |
|                                                                                  |     | 40                | 18.0             | 92.0              | 90°  | 18.0 | 1    | C2R-SL40-R/LJ18GB | 40                 | 18.0 | 45.1 | 150                                                                               | 3.0                                                                               | 0.17                                                                              | C2I-J2N-0500- |
|                                                                                  | K   | 40                | 18.0             | 92.0              | 90°  | 18.0 | 1    | C2R-SL40-R/LK18GB | 40                 | 18.0 | 45.1 | 150                                                                               | 4.0                                                                               | 0.18                                                                              | C2I-K2N-0600- |
|                                                                                  |     |                   |                  |                   |      |      |      |                   |                    |      |      |                                                                                   |                                                                                   |                                                                                   |               |

CoroCut® 2 cutting head for parting and grooving

Screw clamp design

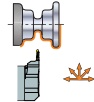


|  |     |                   |                  |                   |      |      |      | Dimensions, mm    |                    |      |      |                                                                                    |                                                                                     |                                                                                     |               |
|-----------------------------------------------------------------------------------|-----|-------------------|------------------|-------------------|------|------|------|-------------------|--------------------|------|------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|
|                                                                                   | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | DMIN <sub>1</sub> | RMPX | OHX  | CNSC | Ordering code     | DCON <sub>MS</sub> | LF   | WF   |  |  |  | MIID          |
|                                                                                   | J   | 32                | 18.0             | 83.0              | 90°  | 18.0 | 1    | C2R-SL32-R/LJ18GC | 32                 | 18.0 | 41.1 | 150                                                                                | 3.0                                                                                 | 0.11                                                                                | C2I-J2N-0500- |
|                                                                                   | K   | 40                | 17.0             | 87.0              | 90°  | 18.0 | 1    | C2R-SL40-R/LK17GC | 40                 | 18.0 | 44.1 | 150                                                                                | 2.5                                                                                 | 0.17                                                                                | C2I-K2N-0600- |
|                                                                                   |     |                   |                  |                   |      |      |      |                   |                    |      |      |                                                                                    |                                                                                     |                                                                                     |               |

CoroCut® 2 cutting head for parting and grooving

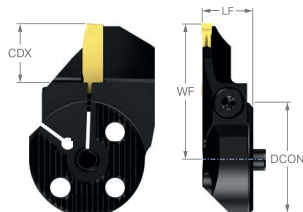
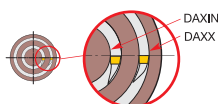
Screw clamp design



|                                                                                  |     |                   |                  |                   |       |      |      | Ordering code     | Dimensions, mm |      |      |                |               |               | MIID           |
|----------------------------------------------------------------------------------|-----|-------------------|------------------|-------------------|-------|------|------|-------------------|----------------|------|------|----------------|---------------|---------------|----------------|
|                                                                                  | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | DMIN <sub>1</sub> | DAXIN | OHX  | CNSC |                   | LF             | WF   | WSC  | <div>BAR</div> | <div>NM</div> | <div>KG</div> |                |
|                                                                                  |     |                   |                  |                   |       |      |      |                   |                |      |      |                |               |               |                |
|  | H   | 70                | 30.0             | 100.0             | 792.0 | 14.0 | 1    | C2R-SL70-R/LH30AB | 16.0           | 56.0 | 70.0 | 80             | 4.5           | 0.26          | C2I-H2N-0400-  |
|                                                                                  | K   | 70                | 30.0             | 120.0             | 308.0 | 14.0 | 1    | C2R-SL70-R/LK30AB | 17.0           | 55.0 | 70.0 | 80             | 4.5           | 0.28          | C2I-K2N-0600-  |
|                                                                                  |     | 70                | 45.0             | 120.0             | 308.0 | 15.0 | 1    | C2R-SL70-R/LK45AB | 18.0           | 71.0 | 70.0 | 80             | 6.0           | 0.31          | C2I-K2N-0600-  |
|                                                                                  | L   | 70                | 35.0             | 90.0              | 254.0 | 14.0 | 1    | C2R-SL70-R/LL35AB | 18.0           | 61.0 | 70.0 | 80             | 6.5           | 0.30          | C2I-L2-0800-RM |
|                                                                                  |     | 70                | 50.0             | 105.0             | 324.0 | 14.0 | 1    | C2R-SL70-R/LL50AB | 18.0           | 81.0 | 70.0 | 80             | 6.5           | 0.35          | C2I-L2-0800-RM |
|                                                                                  | J   | 70                | 15.0             | 120.0             | 308.0 | 15.0 | 1    | C2R-SL70-R/LK15AB | 18.0           | 36.0 | 70.0 | 80             | 2.0           | 0.26          | C2I-J2-0600-RM |

# CoroCut® 2 cutting head for face grooving

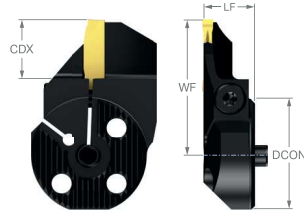
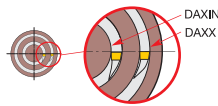
## Screw clamp design



|  |     |                   |        |        |        |                       | Dimensions, mm, inch  |                    |       |       |       |       |                                                                                     |                                                                                     |               |  | MIID |
|-----------------------------------------------------------------------------------|-----|-------------------|--------|--------|--------|-----------------------|-----------------------|--------------------|-------|-------|-------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|--|------|
|                                                                                   | SSC | CZC <sub>MS</sub> | CDX    | DAXIN  | DAXX   | CNSC                  | Ordering code         | DCON <sub>MS</sub> | LF    | WF    | HF    | OAH   |  |  |               |  |      |
|  | H   | 32                | 18.0   | 40.0   | 60.0   | 1                     | C2A-SL32-LGH18A-040GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.0                                                                                 | 0.10                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   | .709   | 1.575  | 2.362  |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0   | 52.0   | 72.0   | 1                     | C2A-SL32-LGH18A-052GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.0                                                                                 | 0.10                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   | .709   | 2.047  | 2.835  |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0   | 64.0   | 100.0  | 1                     | C2A-SL32-LGH18A-064GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.0                                                                                 | 0.10                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   | .709   | 2.520  | 3.937  |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0   | 92.0   | 140.0  | 1                     | C2A-SL32-LGH18A-092GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.0                                                                                 | 0.10                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   | .709   | 3.622  | 5.512  |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0   | 132.0  | 230.0  | 1                     | C2A-SL32-LGH18A-132GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.0                                                                                 | 0.10                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   | .709   | 5.197  | 9.055  |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0   | 220.0  | 500.0  | 1                     | C2A-SL32-LGH18A-220GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.0                                                                                 | 0.11                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   | .709   | 8.661  | 19.685 |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0   | 300.0  | 800.0  | 1                     | C2A-SL32-LGH18A-300GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.0                                                                                 | 0.11                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   | .709   | 11.811 | 31.496 |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0   | 40.0   | 60.0   | 1                     | C2A-SL40-LGH18A-040GB | 40                 | 18.0  | 45.1  | 0.1   | 45.0  | 3.0                                                                                 | 0.14                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   | .709   | 1.575  | 2.362  |                       |                       | 1.575              | .709  | 1.776 | .004  | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0   | 52.0   | 72.0   | 1                     | C2A-SL40-LGH18A-052GB | 40                 | 18.0  | 45.1  | 0.1   | 45.0  | 3.0                                                                                 | 0.15                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   | .709   | 2.047  | 2.835  |                       |                       | 1.575              | .709  | 1.776 | .004  | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0   | 64.0   | 100.0  | 1                     | C2A-SL40-LGH18A-064GB | 40                 | 18.0  | 45.1  | 0.1   | 45.0  | 3.0                                                                                 | 0.15                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   | .709   | 2.520  | 3.937  |                       |                       | 1.575              | .709  | 1.776 | .004  | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0   | 92.0   | 140.0  | 1                     | C2A-SL40-LGH18A-092GB | 40                 | 18.0  | 45.1  | 0.1   | 45.0  | 3.0                                                                                 | 0.16                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   | .709   | 3.622  | 5.512  |                       |                       | 1.575              | .709  | 1.776 | .004  | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0   | 132.0  | 230.0  | 1                     | C2A-SL40-LGH18A-132GB | 40                 | 18.0  | 45.1  | 0.1   | 45.0  | 3.0                                                                                 | 0.16                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   | .709   | 5.197  | 9.055  |                       |                       | 1.575              | .709  | 1.776 | .004  | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   | 40  | 18.0              | 220.0  | 500.0  | 1      | C2A-SL40-LGH18A-220GB | 40                    | 18.0               | 45.1  | 0.1   | 45.0  | 3.0   | 0.16                                                                                | C2I-H2N-0400-                                                                       |               |  |      |
|                                                                                   |     | .709              | 8.661  | 19.685 |        |                       | 1.575                 | .709               | 1.776 | .004  | 1.771 |       |                                                                                     |                                                                                     |               |  |      |
|                                                                                   | 40  | 18.0              | 300.0  | 800.0  | 1      | C2A-SL40-LGH18A-300GB | 40                    | 18.0               | 45.1  | 0.1   | 45.0  | 3.0   | 0.16                                                                                | C2I-H2N-0400-                                                                       |               |  |      |
|                                                                                   |     | .709              | 11.811 | 31.496 |        |                       | 1.575                 | .709               | 1.776 | .004  | 1.771 |       |                                                                                     |                                                                                     |               |  |      |
|                                                                                   | J   | 32                | 18.0   | 40.0   | 70.0   | 1                     | C2A-SL32-LGJ18A-040GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.5                                                                                 | 0.10                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709   | 1.575  | 2.756  |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0   | 60.0   | 95.0   | 1                     | C2A-SL32-LGJ18A-060GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.5                                                                                 | 0.10                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709   | 2.362  | 3.740  |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0   | 85.0   | 130.0  | 1                     | C2A-SL32-LGJ18A-085GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.5                                                                                 | 0.10                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709   | 3.346  | 5.118  |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0   | 120.0  | 180.0  | 1                     | C2A-SL32-LGJ18A-120GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.5                                                                                 | 0.11                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709   | 4.724  | 7.087  |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0   | 175.0  | 500.0  | 1                     | C2A-SL32-LGJ18A-175GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.5                                                                                 | 0.11                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709   | 6.890  | 19.685 |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0   | 180.0  | 980.0  | 1                     | C2A-SL32-LGJ18A-180GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.5                                                                                 | 0.11                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709   | 7.087  | 38.583 |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0   | 40.0   | 70.0   | 1                     | C2A-SL40-LGJ18A-040GB | 40                 | 18.0  | 45.1  | 0.1   | 45.0  | 3.5                                                                                 | 0.14                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709   | 1.575  | 2.756  |                       |                       | 1.575              | .709  | 1.776 | .004  | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0   | 60.0   | 95.0   | 1                     | C2A-SL40-LGJ18A-060GB | 40                 | 18.0  | 45.1  | 0.1   | 45.0  | 3.5                                                                                 | 0.15                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709   | 2.362  | 3.740  |                       |                       | 1.575              | .709  | 1.776 | .004  | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0   | 85.0   | 130.0  | 1                     | C2A-SL40-LGJ18A-085GB | 40                 | 18.0  | 45.1  | 0.1   | 45.0  | 3.5                                                                                 | 0.16                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709   | 3.346  | 5.118  |                       |                       | 1.575              | .709  | 1.776 | .004  | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0   | 120.0  | 180.0  | 1                     | C2A-SL40-LGJ18A-120GB | 40                 | 18.0  | 45.1  | 0.1   | 45.0  | 3.5                                                                                 | 0.16                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709   | 4.724  | 7.087  |                       |                       | 1.575              | .709  | 1.776 | .004  | 1.771 |                                                                                     |                                                                                     |               |  |      |
| 40                                                                                |     | 18.0              | 175.0  | 500.0  | 1      | C2A-SL40-LGJ18A-175GB | 40                    | 18.0               | 45.1  | 0.1   | 45.0  | 3.5   | 0.16                                                                                | C2I-J2N-0500-                                                                       |               |  |      |
|                                                                                   |     | .709              | 6.890  | 19.685 |        |                       | 1.575                 | .709               | 1.776 | .004  | 1.771 |       |                                                                                     |                                                                                     |               |  |      |
| 40                                                                                |     | 18.0              | 180.0  | 980.0  | 1      | C2A-SL40-LGJ18A-180GB | 40                    | 18.0               | 45.1  | 0.1   | 45.0  | 3.5   | 0.16                                                                                | C2I-J2N-0500-                                                                       |               |  |      |
|                                                                                   |     | .709              | 7.087  | 38.583 |        |                       | 1.575                 | .709               | 1.776 | .004  | 1.771 |       |                                                                                     |                                                                                     |               |  |      |

# CoroCut® 2 cutting head for face grooving

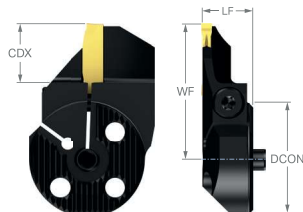
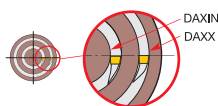
Screw clamp design



|  |     |                   |      |        |        |      | Dimensions, mm, inch    |                    |      |       |      |       |                                                                                     |                                                                                     |               |  | MIID |
|----------------------------------------------------------------------------------|-----|-------------------|------|--------|--------|------|-------------------------|--------------------|------|-------|------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|--|------|
|                                                                                  | SSC | CZC <sub>MS</sub> | CDX  | DAXIN  | DAXX   | CNSC | Ordering code           | DCON <sub>MS</sub> | LF   | WF    | HF   | OAH   |  |  |               |  |      |
|                                                                                  | K   | 32                | 18.0 | 88.0   | 180.0  | 1    | C2A-SL32-LGK18A-088GB   | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 4.0                                                                                 | 0.11                                                                                | C2I-K2N-0600- |  |      |
|                                                                                  |     |                   | .709 | 3.465  | 7.087  |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 32                | 18.0 | 220.0  | 1000.0 | 1    | C2A-SL32-LGK18A-220GB   | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 4.0                                                                                 | 0.11                                                                                | C2I-K2N-0600- |  |      |
|                                                                                  |     |                   | .709 | 8.661  | 39.370 |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 32                | 18.0 | 40.0   | 70.0   | 1    | C2A-SL32-R/LGK18A-040GB | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 4.0                                                                                 | 0.10                                                                                | C2I-K2N-0600- |  |      |
|                                                                                  |     |                   | .709 | 1.575  | 2.756  |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 32                | 18.0 | 58.0   | 100.0  | 1    | C2A-SL32-R/LGK18A-058GB | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 4.0                                                                                 | 0.10                                                                                | C2I-K2N-0600- |  |      |
|                                                                                  |     |                   | .709 | 2.283  | 3.937  |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 40                | 18.0 | 58.0   | 100.0  | 1    | C2A-SL40-LGK18A-058GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 4.0                                                                                 | 0.15                                                                                | C2I-K2N-0600- |  |      |
|                                                                                  |     |                   | .709 | 2.283  | 3.937  |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 40                | 18.0 | 88.0   | 180.0  | 1    | C2A-SL40-LGK18A-088GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 4.0                                                                                 | 0.16                                                                                | C2I-K2N-0600- |  |      |
|                                                                                  |     |                   | .709 | 3.465  | 7.087  |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 40                | 18.0 | 168.0  | 400.0  | 1    | C2A-SL40-LGK18A-168GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 4.0                                                                                 | 0.17                                                                                | C2I-K2N-0600- |  |      |
|                                                                                  |     |                   | .709 | 6.614  | 15.748 |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 40                | 18.0 | 220.0  | 1000.0 | 1    | C2A-SL40-LGK18A-220GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 4.0                                                                                 | 0.17                                                                                | C2I-K2N-0600- |  |      |
|                                                                                  |     |                   | .709 | 8.661  | 39.370 |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  | H   | 32                | 18.0 | 40.0   | 60.0   | 1    | C2A-SL32-RGH18A-040GB   | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 3.0                                                                                 | 0.10                                                                                | C2I-H2N-0400- |  |      |
|                                                                                  |     |                   | .709 | 1.575  | 2.362  |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 32                | 18.0 | 52.0   | 72.0   | 1    | C2A-SL32-RGH18A-052GB   | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 3.0                                                                                 | 0.10                                                                                | C2I-H2N-0400- |  |      |
|                                                                                  |     |                   | .709 | 2.047  | 2.835  |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 32                | 18.0 | 64.0   | 100.0  | 1    | C2A-SL32-RGH18A-064GB   | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 3.0                                                                                 | 0.10                                                                                | C2I-H2N-0400- |  |      |
|                                                                                  |     |                   | .709 | 2.520  | 3.937  |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 32                | 18.0 | 92.0   | 140.0  | 1    | C2A-SL32-RGH18A-092GB   | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 3.0                                                                                 | 0.10                                                                                | C2I-H2N-0400- |  |      |
|                                                                                  |     |                   | .709 | 3.622  | 5.512  |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 32                | 18.0 | 132.0  | 230.0  | 1    | C2A-SL32-RGH18A-132GB   | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 3.0                                                                                 | 0.10                                                                                | C2I-H2N-0400- |  |      |
|                                                                                  |     |                   | .709 | 5.197  | 9.055  |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 32                | 18.0 | 220.0  | 500.0  | 1    | C2A-SL32-RGH18A-220GB   | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 3.0                                                                                 | 0.11                                                                                | C2I-H2N-0400- |  |      |
|                                                                                  |     |                   | .709 | 8.661  | 19.685 |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 32                | 18.0 | 300.0  | 800.0  | 1    | C2A-SL32-RGH18A-300GB   | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 3.0                                                                                 | 0.11                                                                                | C2I-H2N-0400- |  |      |
|                                                                                  |     |                   | .709 | 11.811 | 31.496 |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 40                | 18.0 | 40.0   | 60.0   | 1    | C2A-SL40-RGH18A-040GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 3.0                                                                                 | 0.14                                                                                | C2I-H2N-0400- |  |      |
|                                                                                  |     |                   | .709 | 1.575  | 2.362  |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 40                | 18.0 | 52.0   | 72.0   | 1    | C2A-SL40-RGH18A-052GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 3.0                                                                                 | 0.15                                                                                | C2I-H2N-0400- |  |      |
|                                                                                  |     |                   | .709 | 2.047  | 2.835  |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 40                | 18.0 | 64.0   | 100.0  | 1    | C2A-SL40-RGH18A-064GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 3.0                                                                                 | 0.15                                                                                | C2I-H2N-0400- |  |      |
|                                                                                  |     |                   | .709 | 2.520  | 3.937  |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 40                | 18.0 | 92.0   | 140.0  | 1    | C2A-SL40-RGH18A-092GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 3.0                                                                                 | 0.16                                                                                | C2I-H2N-0400- |  |      |
|                                                                                  |     |                   | .709 | 3.622  | 5.512  |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 40                | 18.0 | 132.0  | 230.0  | 1    | C2A-SL40-RGH18A-132GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 3.0                                                                                 | 0.16                                                                                | C2I-H2N-0400- |  |      |
|                                                                                  |     |                   | .709 | 5.197  | 9.055  |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 40                | 18.0 | 220.0  | 500.0  | 1    | C2A-SL40-RGH18A-220GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 3.0                                                                                 | 0.16                                                                                | C2I-H2N-0400- |  |      |
|                                                                                  |     |                   | .709 | 8.661  | 19.685 |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                  |     | 40                | 18.0 | 300.0  | 800.0  | 1    | C2A-SL40-RGH18A-300GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 3.0                                                                                 | 0.16                                                                                | C2I-H2N-0400- |  |      |
|                                                                                  |     |                   | .709 | 11.811 | 31.496 |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |

# CoroCut® 2 cutting head for face grooving

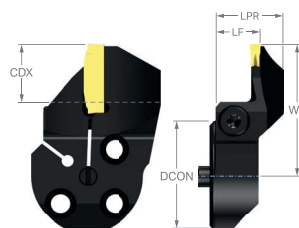
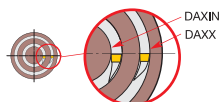
## Screw clamp design



|  |     |                   |      |       |        |      | Dimensions, mm, inch    |                    |      |       |      |       |                                                                                     |                                                                                     |               |  | MIID |
|-----------------------------------------------------------------------------------|-----|-------------------|------|-------|--------|------|-------------------------|--------------------|------|-------|------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|--|------|
|                                                                                   | SSC | CZC <sub>MS</sub> | CDX  | DAXIN | DAXX   | CNSC | Ordering code           | DCON <sub>MS</sub> | LF   | WF    | HF   | OAH   |  |  |               |  |      |
|                                                                                   | J   | 32                | 18.0 | 40.0  | 70.0   | 1    | C2A-SL32-RGJ18A-040GB   | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 3.5                                                                                 | 0.10                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709 | 1.575 | 2.756  |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 60.0  | 95.0   | 1    | C2A-SL32-RGJ18A-060GB   | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 3.5                                                                                 | 0.10                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709 | 2.362 | 3.740  |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 85.0  | 130.0  | 1    | C2A-SL32-RGJ18A-085GB   | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 3.5                                                                                 | 0.10                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709 | 3.346 | 5.118  |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 120.0 | 180.0  | 1    | C2A-SL32-RGJ18A-120GB   | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 3.5                                                                                 | 0.11                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709 | 4.724 | 7.087  |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 175.0 | 500.0  | 1    | C2A-SL32-RGJ18A-175GB   | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 3.5                                                                                 | 0.11                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709 | 6.890 | 19.685 |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 180.0 | 980.0  | 1    | C2A-SL32-RGJ18A-180GB   | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 3.5                                                                                 | 0.11                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709 | 7.087 | 38.583 |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   | K   | 40                | 18.0 | 40.0  | 70.0   | 1    | C2A-SL40-RGJ18A-040GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 3.5                                                                                 | 0.14                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709 | 1.575 | 2.756  |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 60.0  | 95.0   | 1    | C2A-SL40-RGJ18A-060GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 3.5                                                                                 | 0.15                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709 | 2.362 | 3.740  |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 85.0  | 130.0  | 1    | C2A-SL40-RGJ18A-085GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 3.5                                                                                 | 0.16                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709 | 3.346 | 5.118  |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 120.0 | 180.0  | 1    | C2A-SL40-RGJ18A-120GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 3.5                                                                                 | 0.16                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709 | 4.724 | 7.087  |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 175.0 | 500.0  | 1    | C2A-SL40-RGJ18A-175GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 3.5                                                                                 | 0.16                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709 | 6.890 | 19.685 |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 180.0 | 980.0  | 1    | C2A-SL40-RGJ18A-180GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 3.5                                                                                 | 0.16                                                                                | C2I-J2N-0500- |  |      |
|                                                                                   |     |                   | .709 | 7.087 | 38.583 |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 168.0 | 400.0  | 1    | C2A-SL32-R/LGK18A-168GB | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 4.0                                                                                 | 0.11                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   | .709 | 6.614 | 15.748 |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 88.0  | 180.0  | 1    | C2A-SL32-RGK18A-088GB   | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 4.0                                                                                 | 0.11                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   | .709 | 3.465 | 7.087  |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 220.0 | 1000.0 | 1    | C2A-SL32-RGK18A-220GB   | 32                 | 18.0 | 41.1  | 0.1  | 36.0  | 4.0                                                                                 | 0.11                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   | .709 | 8.661 | 39.370 |      |                         | 1.260              | .709 | 1.618 | .004 | 1.417 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 40.0  | 70.0   | 1    | C2A-SL40-R/LGK18A-040GB | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 4.0                                                                                 | 0.14                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   | .709 | 1.575 | 2.756  |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 58.0  | 100.0  | 1    | C2A-SL40-RGK18A-058GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 4.0                                                                                 | 0.15                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   | .709 | 2.283 | 3.937  |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 88.0  | 180.0  | 1    | C2A-SL40-RGK18A-088GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 4.0                                                                                 | 0.16                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   | .709 | 3.465 | 7.087  |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 168.0 | 400.0  | 1    | C2A-SL40-RGK18A-168GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 4.0                                                                                 | 0.17                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   | .709 | 6.614 | 15.748 |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 220.0 | 1000.0 | 1    | C2A-SL40-RGK18A-220GB   | 40                 | 18.0 | 45.1  | 0.1  | 45.0  | 4.0                                                                                 | 0.17                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   | .709 | 8.661 | 39.370 |      |                         | 1.575              | .709 | 1.776 | .004 | 1.771 |                                                                                     |                                                                                     |               |  |      |

## CoroCut® 2 cutting head for face grooving

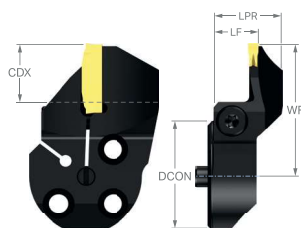
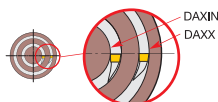
Screw clamp design



|                                                                                  |     |                   |      |        |        |       | Dimensions, mm, inch  |                       |      |       |      |       |               |               |               |               | MIID |
|----------------------------------------------------------------------------------|-----|-------------------|------|--------|--------|-------|-----------------------|-----------------------|------|-------|------|-------|---------------|---------------|---------------|---------------|------|
|                                                                                  | SSC | CZC <sub>MS</sub> | CDX  | DAXIN  | DAXX   | CNSC  | Ordering code         | DCON <sub>MS</sub>    | LF   | WF    | HF   | OAH   | <div>NM</div> | <div>KG</div> |               |               |      |
|  | H   | 32                | 18.0 | 40.0   | 60.0   | 1     | C2A-SL32-LGH18B-040GB | 32                    | 18.0 | 41.1  | 0.1  | 36.0  | 3.0           | 0.11          | C2I-H2N-0400- |               |      |
|                                                                                  |     |                   | .709 | 1.575  | 2.362  |       |                       | 1.260                 | .709 | 1.618 | .004 | 1.417 |               |               |               |               |      |
|                                                                                  |     |                   | 18.0 | 52.0   | 72.0   | 1     | C2A-SL32-LGH18B-052GB | 32                    | 18.0 | 41.1  | 0.1  | 36.0  | 3.0           | 0.11          | C2I-H2N-0400- |               |      |
|                                                                                  |     |                   | .709 | 2.047  | 2.835  |       |                       | 1.260                 | .709 | 1.618 | .004 | 1.417 |               |               |               |               |      |
|                                                                                  |     |                   | 18.0 | 64.0   | 100.0  | 1     | C2A-SL32-LGH18B-064GB | 32                    | 18.0 | 41.1  | 0.1  | 36.0  | 3.0           | 0.11          | C2I-H2N-0400- |               |      |
|                                                                                  |     |                   | .709 | 2.520  | 3.937  |       |                       | 1.260                 | .709 | 1.618 | .004 | 1.417 |               |               |               |               |      |
|                                                                                  |     |                   | 18.0 | 92.0   | 140.0  | 1     | C2A-SL32-LGH18B-092GB | 32                    | 18.0 | 41.1  | 0.1  | 36.0  | 3.0           | 0.11          | C2I-H2N-0400- |               |      |
|                                                                                  |     |                   | .709 | 3.622  | 5.512  |       |                       | 1.260                 | .709 | 1.618 | .004 | 1.417 |               |               |               |               |      |
|                                                                                  |     |                   | 18.0 | 132.0  | 230.0  | 1     | C2A-SL32-LGH18B-132GB | 32                    | 18.0 | 41.1  | 0.1  | 36.0  | 3.0           | 0.11          | C2I-H2N-0400- |               |      |
|                                                                                  |     |                   | .709 | 5.197  | 9.055  |       |                       | 1.260                 | .709 | 1.618 | .004 | 1.417 |               |               |               |               |      |
|                                                                                  |     |                   | 18.0 | 220.0  | 500.0  | 1     | C2A-SL32-LGH18B-220GB | 32                    | 18.0 | 41.1  | 0.1  | 36.0  | 3.0           | 0.11          | C2I-H2N-0400- |               |      |
|                                                                                  |     |                   | .709 | 8.661  | 19.685 |       |                       | 1.260                 | .709 | 1.618 | .004 | 1.417 |               |               |               |               |      |
|                                                                                  |     |                   | 18.0 | 300.0  | 800.0  | 1     | C2A-SL32-LGH18B-300GB | 32                    | 18.0 | 41.1  | 0.1  | 36.0  | 3.0           | 0.11          | C2I-H2N-0400- |               |      |
|                                                                                  |     |                   | .709 | 11.811 | 31.496 |       |                       | 1.260                 | .709 | 1.618 | .004 | 1.417 |               |               |               |               |      |
|                                                                                  |     |                   | 40   | 18.0   | 40.0   | 60.0  | 1                     | C2A-SL40-LGH18B-040GB | 40   | 18.0  | 45.1 | 0.1   | 45.0          | 3.0           | 0.18          | C2I-H2N-0400- |      |
|                                                                                  |     |                   | .709 | 1.575  | 2.362  |       |                       | 1.575                 | .709 | 1.776 | .004 | 1.771 |               |               |               |               |      |
|                                                                                  |     |                   | 40   | 18.0   | 52.0   | 72.0  | 1                     | C2A-SL40-LGH18B-052GB | 40   | 18.0  | 45.1 | 0.1   | 45.0          | 3.0           | 0.18          | C2I-H2N-0400- |      |
|                                                                                  |     |                   | .709 | 2.047  | 2.835  |       |                       | 1.575                 | .709 | 1.776 | .004 | 1.771 |               |               |               |               |      |
|                                                                                  |     |                   | 40   | 18.0   | 64.0   | 100.0 | 1                     | C2A-SL40-LGH18B-064GB | 40   | 18.0  | 45.1 | 0.1   | 45.0          | 3.0           | 0.17          | C2I-H2N-0400- |      |
|                                                                                  |     |                   | .709 | 2.520  | 3.937  |       |                       | 1.575                 | .709 | 1.776 | .004 | 1.771 |               |               |               |               |      |
|                                                                                  |     |                   | 40   | 18.0   | 92.0   | 140.0 | 1                     | C2A-SL40-LGH18B-092GB | 40   | 18.0  | 45.1 | 0.1   | 45.0          | 3.0           | 0.17          | C2I-H2N-0400- |      |
|                                                                                  |     |                   | .709 | 3.622  | 5.512  |       |                       | 1.575                 | .709 | 1.776 | .004 | 1.771 |               |               |               |               |      |
|                                                                                  |     |                   | 40   | 18.0   | 132.0  | 230.0 | 1                     | C2A-SL40-LGH18B-132GB | 40   | 18.0  | 45.1 | 0.1   | 45.0          | 3.0           | 0.17          | C2I-H2N-0400- |      |
|                                                                                  |     |                   | .709 | 5.197  | 9.055  |       |                       | 1.575                 | .709 | 1.776 | .004 | 1.771 |               |               |               |               |      |
|                                                                                  |     |                   | 40   | 18.0   | 220.0  | 500.0 | 1                     | C2A-SL40-LGH18B-220GB | 40   | 18.0  | 45.1 | 0.1   | 45.0          | 3.0           | 0.17          | C2I-H2N-0400- |      |
|                                                                                  |     |                   | .709 | 8.661  | 19.685 |       |                       | 1.575                 | .709 | 1.776 | .004 | 1.771 |               |               |               |               |      |
|                                                                                  |     |                   | 40   | 18.0   | 300.0  | 800.0 | 1                     | C2A-SL40-LGH18B-300GB | 40   | 18.0  | 45.1 | 0.1   | 45.0          | 3.0           | 0.17          | C2I-H2N-0400- |      |
|                                                                                  |     |                   | .709 | 11.811 | 31.496 |       |                       | 1.575                 | .709 | 1.776 | .004 | 1.771 |               |               |               |               |      |
|                                                                                  | J   | 32                | 18.0 | 40.0   | 70.0   | 1     | C2A-SL32-LGJ18B-040GB | 32                    | 18.0 | 41.1  | 0.1  | 36.0  | 3.5           | 0.11          | C2I-J2N-0500- |               |      |
|                                                                                  |     |                   | .709 | 1.575  | 2.756  |       |                       | 1.260                 | .709 | 1.618 | .004 | 1.417 |               |               |               |               |      |
|                                                                                  |     |                   | 18.0 | 60.0   | 95.0   | 1     | C2A-SL32-LGJ18B-060GB | 32                    | 18.0 | 41.1  | 0.1  | 36.0  | 3.5           | 0.11          | C2I-J2N-0500- |               |      |
|                                                                                  |     |                   | .709 | 2.362  | 3.740  |       |                       | 1.260                 | .709 | 1.618 | .004 | 1.417 |               |               |               |               |      |
|                                                                                  |     |                   | 18.0 | 85.0   | 130.0  | 1     | C2A-SL32-LGJ18B-085GB | 32                    | 18.0 | 41.1  | 0.1  | 36.0  | 3.5           | 0.11          | C2I-J2N-0500- |               |      |
|                                                                                  |     |                   | .709 | 3.346  | 5.118  |       |                       | 1.260                 | .709 | 1.618 | .004 | 1.417 |               |               |               |               |      |
|                                                                                  |     |                   | 18.0 | 120.0  | 180.0  | 1     | C2A-SL32-LGJ18B-120GB | 32                    | 18.0 | 41.1  | 0.1  | 36.0  | 3.5           | 0.11          | C2I-J2N-0500- |               |      |
|                                                                                  |     |                   | .709 | 4.724  | 7.087  |       |                       | 1.260                 | .709 | 1.618 | .004 | 1.417 |               |               |               |               |      |
|                                                                                  |     |                   | 18.0 | 175.0  | 500.0  | 1     | C2A-SL32-LGJ18B-175GB | 32                    | 18.0 | 41.1  | 0.1  | 36.0  | 3.5           | 0.11          | C2I-J2N-0500- |               |      |
|                                                                                  |     |                   | .709 | 6.890  | 19.685 |       |                       | 1.260                 | .709 | 1.618 | .004 | 1.417 |               |               |               |               |      |
|                                                                                  |     |                   | 18.0 | 180.0  | 980.0  | 1     | C2A-SL32-LGJ18B-180GB | 32                    | 18.0 | 41.1  | 0.1  | 36.0  | 3.5           | 0.11          | C2I-J2N-0500- |               |      |
|                                                                                  |     |                   | .709 | 7.087  | 38.583 |       |                       | 1.260                 | .709 | 1.618 | .004 | 1.417 |               |               |               |               |      |
|                                                                                  |     |                   | 40   | 18.0   | 40.0   | 70.0  | 1                     | C2A-SL40-LGJ18B-040GB | 40   | 18.0  | 45.1 | 0.1   | 45.0          | 3.5           | 0.18          | C2I-J2N-0500- |      |
|                                                                                  |     |                   | .709 | 1.575  | 2.756  |       |                       | 1.575                 | .709 | 1.776 | .004 | 1.771 |               |               |               |               |      |
|                                                                                  |     |                   | 40   | 18.0   | 60.0   | 95.0  | 1                     | C2A-SL40-LGJ18B-060GB | 40   | 18.0  | 45.1 | 0.1   | 45.0          | 3.5           | 0.18          | C2I-J2N-0500- |      |
|                                                                                  |     |                   | .709 | 2.362  | 3.740  |       |                       | 1.575                 | .709 | 1.776 | .004 | 1.771 |               |               |               |               |      |
|                                                                                  |     |                   | 40   | 18.0   | 85.0   | 130.0 | 1                     | C2A-SL40-LGJ18B-085GB | 40   | 18.0  | 45.1 | 0.1   | 45.0          | 3.5           | 0.18          | C2I-J2N-0500- |      |
|                                                                                  |     |                   | .709 | 3.346  | 5.118  |       |                       | 1.575                 | .709 | 1.776 | .004 | 1.771 |               |               |               |               |      |
|                                                                                  |     |                   | 40   | 18.0   | 120.0  | 180.0 | 1                     | C2A-SL40-LGJ18B-120GB | 40   | 18.0  | 45.1 | 0.1   | 45.0          | 3.5           | 0.18          | C2I-J2N-0500- |      |
|                                                                                  |     |                   | .709 | 4.724  | 7.087  |       |                       | 1.575                 | .709 | 1.776 | .004 | 1.771 |               |               |               |               |      |
|                                                                                  |     |                   | 40   | 18.0   | 175.0  | 500.0 | 1                     | C2A-SL40-LGJ18B-175GB | 40   | 18.0  | 45.1 | 0.1   | 45.0          | 3.5           | 0.17          | C2I-J2N-0500- |      |
|                                                                                  |     |                   | .709 | 6.890  | 19.685 |       |                       | 1.575                 | .709 | 1.776 | .004 | 1.771 |               |               |               |               |      |
|                                                                                  |     |                   | 40   | 18.0   | 180.0  | 980.0 | 1                     | C2A-SL40-LGJ18B-180GB | 40   | 18.0  | 45.1 | 0.1   | 45.0          | 3.5           | 0.17          | C2I-J2N-0500- |      |
|                                                                                  |     |                   | .709 | 7.087  | 38.583 |       |                       | 1.575                 | .709 | 1.776 | .004 | 1.771 |               |               |               |               |      |

# CoroCut® 2 cutting head for face grooving

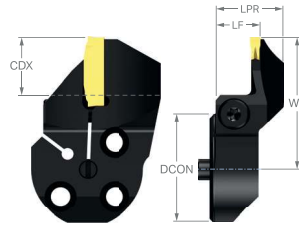
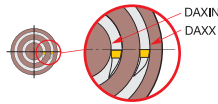
Screw clamp design



|  |     |                   |      |       |        |        | Dimensions, mm, inch  |                    |       |      |       |      |                                                                                    |                                                                                     |               |  | MIID |
|-----------------------------------------------------------------------------------|-----|-------------------|------|-------|--------|--------|-----------------------|--------------------|-------|------|-------|------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|--|------|
|                                                                                   | SSC | CZC <sub>MS</sub> | CDX  | DAXIN | DAXX   | CNSC   | Ordering code         | DCON <sub>MS</sub> | LF    | WF   | HF    | OAH  |  |  |               |  |      |
|  | K   | 32                | 18.0 | 40.0  | 70.0   | 1      | C2A-SL32-LGK18B-040GB | 32                 | 18.0  | 41.1 | 0.1   | 36.0 | 4.0                                                                                | 0.12                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   |      | .709  | 1.575  | 2.756  |                       |                    | 1.260 | .709 | 1.618 | .004 | 1.417                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 58.0  | 100.0  | 1      | C2A-SL32-LGK18B-058GB | 32                 | 18.0  | 41.1 | 0.1   | 36.0 | 4.0                                                                                | 0.11                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   |      | .709  | 2.283  | 3.937  |                       |                    | 1.260 | .709 | 1.618 | .004 | 1.417                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 88.0  | 180.0  | 1      | C2A-SL32-LGK18B-088GB | 32                 | 18.0  | 41.1 | 0.1   | 36.0 | 4.0                                                                                | 0.11                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   |      | .709  | 3.465  | 7.087  |                       |                    | 1.260 | .709 | 1.618 | .004 | 1.417                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 168.0 | 400.0  | 1      | C2A-SL32-LGK18B-168GB | 32                 | 18.0  | 41.1 | 0.1   | 36.0 | 4.0                                                                                | 0.11                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   |      | .709  | 6.614  | 15.748 |                       |                    | 1.260 | .709 | 1.618 | .004 | 1.417                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 220.0 | 1000.0 | 1      | C2A-SL32-LGK18B-220GB | 32                 | 18.0  | 41.1 | 0.1   | 36.0 | 4.0                                                                                | 0.11                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   |      | .709  | 8.661  | 39.370 |                       |                    | 1.260 | .709 | 1.618 | .004 | 1.417                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 40.0  | 70.0   | 1      | C2A-SL40-LGK18B-040GB | 40                 | 18.0  | 45.1 | 0.1   | 45.0 | 4.0                                                                                | 0.18                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   |      | .709  | 1.575  | 2.756  |                       |                    | 1.575 | .709 | 1.776 | .004 | 1.771                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 58.0  | 100.0  | 1      | C2A-SL40-LGK18B-058GB | 40                 | 18.0  | 45.1 | 0.1   | 45.0 | 4.0                                                                                | 0.18                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   |      | .709  | 2.283  | 3.937  |                       |                    | 1.575 | .709 | 1.776 | .004 | 1.771                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 88.0  | 180.0  | 1      | C2A-SL40-LGK18B-088GB | 40                 | 18.0  | 45.1 | 0.1   | 45.0 | 4.0                                                                                | 0.18                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   |      | .709  | 3.465  | 7.087  |                       |                    | 1.575 | .709 | 1.776 | .004 | 1.771                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 168.0 | 400.0  | 1      | C2A-SL40-LGK18B-168GB | 40                 | 18.0  | 45.1 | 0.1   | 45.0 | 4.0                                                                                | 0.18                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   |      | .709  | 6.614  | 15.748 |                       |                    | 1.575 | .709 | 1.776 | .004 | 1.771                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 220.0 | 1000.0 | 1      | C2A-SL40-LGK18B-220GB | 40                 | 18.0  | 45.1 | 0.1   | 45.0 | 4.0                                                                                | 0.17                                                                                | C2I-K2N-0600- |  |      |
|                                                                                   |     |                   |      | .709  | 8.661  | 39.370 |                       |                    | 1.575 | .709 | 1.776 | .004 | 1.771                                                                              |                                                                                     |               |  |      |
|                                                                                   | H   | 32                | 18.0 | 40.0  | 60.0   | 1      | C2A-SL32-RGH18B-040GB | 32                 | 18.0  | 41.1 | 0.1   | 36.0 | 3.0                                                                                | 0.11                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   |      | .709  | 1.575  | 2.362  |                       |                    | 1.260 | .709 | 1.618 | .004 | 1.417                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 52.0  | 72.0   | 1      | C2A-SL32-RGH18B-052GB | 32                 | 18.0  | 41.1 | 0.1   | 36.0 | 3.0                                                                                | 0.11                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   |      | .709  | 2.047  | 2.835  |                       |                    | 1.260 | .709 | 1.618 | .004 | 1.417                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 64.0  | 100.0  | 1      | C2A-SL32-RGH18B-064GB | 32                 | 18.0  | 41.1 | 0.1   | 36.0 | 3.0                                                                                | 0.11                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   |      | .709  | 2.520  | 3.937  |                       |                    | 1.260 | .709 | 1.618 | .004 | 1.417                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 92.0  | 140.0  | 1      | C2A-SL32-RGH18B-092GB | 32                 | 18.0  | 41.1 | 0.1   | 36.0 | 3.0                                                                                | 0.11                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   |      | .709  | 3.622  | 5.512  |                       |                    | 1.260 | .709 | 1.618 | .004 | 1.417                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 132.0 | 230.0  | 1      | C2A-SL32-RGH18B-132GB | 32                 | 18.0  | 41.1 | 0.1   | 36.0 | 3.0                                                                                | 0.11                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   |      | .709  | 5.197  | 9.055  |                       |                    | 1.260 | .709 | 1.618 | .004 | 1.417                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 220.0 | 500.0  | 1      | C2A-SL32-RGH18B-220GB | 32                 | 18.0  | 41.1 | 0.1   | 36.0 | 3.0                                                                                | 0.11                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   |      | .709  | 8.661  | 19.685 |                       |                    | 1.260 | .709 | 1.618 | .004 | 1.417                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 32                | 18.0 | 300.0 | 800.0  | 1      | C2A-SL32-RGH18B-300GB | 32                 | 18.0  | 41.1 | 0.1   | 36.0 | 3.0                                                                                | 0.11                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   |      | .709  | 11.811 | 31.496 |                       |                    | 1.260 | .709 | 1.618 | .004 | 1.417                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 40.0  | 60.0   | 1      | C2A-SL40-RGH18B-040GB | 40                 | 18.0  | 45.1 | 0.1   | 45.0 | 3.0                                                                                | 0.18                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   |      | .709  | 1.575  | 2.362  |                       |                    | 1.575 | .709 | 1.776 | .004 | 1.771                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 52.0  | 72.0   | 1      | C2A-SL40-RGH18B-052GB | 40                 | 18.0  | 45.1 | 0.1   | 45.0 | 3.0                                                                                | 0.18                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   |      | .709  | 2.047  | 2.835  |                       |                    | 1.575 | .709 | 1.776 | .004 | 1.771                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 64.0  | 100.0  | 1      | C2A-SL40-RGH18B-064GB | 40                 | 18.0  | 45.1 | 0.1   | 45.0 | 3.0                                                                                | 0.17                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   |      | .709  | 2.520  | 3.937  |                       |                    | 1.575 | .709 | 1.776 | .004 | 1.771                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 92.0  | 140.0  | 1      | C2A-SL40-RGH18B-092GB | 40                 | 18.0  | 45.1 | 0.1   | 45.0 | 3.0                                                                                | 0.17                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   |      | .709  | 3.622  | 5.512  |                       |                    | 1.575 | .709 | 1.776 | .004 | 1.771                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 132.0 | 230.0  | 1      | C2A-SL40-RGH18B-132GB | 40                 | 18.0  | 45.1 | 0.1   | 45.0 | 3.0                                                                                | 0.17                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   |      | .709  | 5.197  | 9.055  |                       |                    | 1.575 | .709 | 1.776 | .004 | 1.771                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 220.0 | 500.0  | 1      | C2A-SL40-RGH18B-220GB | 40                 | 18.0  | 45.1 | 0.1   | 45.0 | 3.0                                                                                | 0.17                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   |      | .709  | 8.661  | 19.685 |                       |                    | 1.575 | .709 | 1.776 | .004 | 1.771                                                                              |                                                                                     |               |  |      |
|                                                                                   |     | 40                | 18.0 | 300.0 | 800.0  | 1      | C2A-SL40-RGH18B-300GB | 40                 | 18.0  | 45.1 | 0.1   | 45.0 | 3.0                                                                                | 0.17                                                                                | C2I-H2N-0400- |  |      |
|                                                                                   |     |                   |      | .709  | 11.811 | 31.496 |                       |                    | 1.575 | .709 | 1.776 | .004 | 1.771                                                                              |                                                                                     |               |  |      |

## CoroCut® 2 cutting head for face grooving

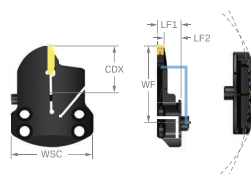
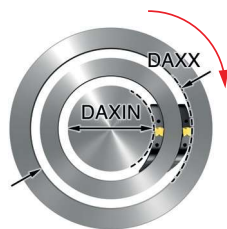
Screw clamp design



|  |     |                   |       |        |        |                       | Dimensions, mm, inch  |                    |       |       |       |       |                                                                                     |                                                                                     |               |  |  |  |
|----------------------------------------------------------------------------------|-----|-------------------|-------|--------|--------|-----------------------|-----------------------|--------------------|-------|-------|-------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|--|--|--|
|                                                                                  | SSC | CZC <sub>MS</sub> | CDX   | DAXIN  | DAXX   | CNSC                  | Ordering code         | DCON <sub>MS</sub> | LF    | WF    | HF    | OAH   |  |  | MIID          |  |  |  |
|                                                                                  | J   | 32                | 18.0  | 40.0   | 70.0   | 1                     | C2A-SL32-RGJ18B-040GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.5                                                                                 | 0.11                                                                                | C2I-J2N-0500- |  |  |  |
|                                                                                  |     |                   | .709  | 1.575  | 2.756  |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  |     | 32                | 18.0  | 60.0   | 95.0   | 1                     | C2A-SL32-RGJ18B-060GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.5                                                                                 | 0.11                                                                                | C2I-J2N-0500- |  |  |  |
|                                                                                  |     |                   | .709  | 2.362  | 3.740  |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  |     | 32                | 18.0  | 85.0   | 130.0  | 1                     | C2A-SL32-RGJ18B-085GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.5                                                                                 | 0.11                                                                                | C2I-J2N-0500- |  |  |  |
|                                                                                  |     |                   | .709  | 3.346  | 5.118  |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  |     | 32                | 18.0  | 120.0  | 180.0  | 1                     | C2A-SL32-RGJ18B-120GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.5                                                                                 | 0.11                                                                                | C2I-J2N-0500- |  |  |  |
|                                                                                  |     |                   | .709  | 4.724  | 7.087  |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  |     | 32                | 18.0  | 175.0  | 500.0  | 1                     | C2A-SL32-RGJ18B-175GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.5                                                                                 | 0.11                                                                                | C2I-J2N-0500- |  |  |  |
|                                                                                  |     |                   | .709  | 6.890  | 19.685 |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  |     | 32                | 18.0  | 180.0  | 980.0  | 1                     | C2A-SL32-RGJ18B-180GB | 32                 | 18.0  | 41.1  | 0.1   | 36.0  | 3.5                                                                                 | 0.11                                                                                | C2I-J2N-0500- |  |  |  |
|                                                                                  |     |                   | .709  | 7.087  | 38.583 |                       |                       | 1.260              | .709  | 1.618 | .004  | 1.417 |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  | K   | 40                | 18.0  | 40.0   | 70.0   | 1                     | C2A-SL40-RGJ18B-040GB | 40                 | 18.0  | 45.1  | 0.1   | 45.0  | 3.5                                                                                 | 0.18                                                                                | C2I-J2N-0500- |  |  |  |
|                                                                                  |     |                   | .709  | 1.575  | 2.756  |                       |                       | 1.575              | .709  | 1.776 | .004  | 1.771 |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  |     | 40                | 18.0  | 60.0   | 95.0   | 1                     | C2A-SL40-RGJ18B-060GB | 40                 | 18.0  | 45.1  | 0.1   | 45.0  | 3.5                                                                                 | 0.18                                                                                | C2I-J2N-0500- |  |  |  |
|                                                                                  |     |                   | .709  | 2.362  | 3.740  |                       |                       | 1.575              | .709  | 1.776 | .004  | 1.771 |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  |     | 40                | 18.0  | 85.0   | 130.0  | 1                     | C2A-SL40-RGJ18B-085GB | 40                 | 18.0  | 45.1  | 0.1   | 45.0  | 3.5                                                                                 | 0.18                                                                                | C2I-J2N-0500- |  |  |  |
|                                                                                  |     |                   | .709  | 3.346  | 5.118  |                       |                       | 1.575              | .709  | 1.776 | .004  | 1.771 |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  |     | 40                | 18.0  | 120.0  | 180.0  | 1                     | C2A-SL40-RGJ18B-120GB | 40                 | 18.0  | 45.1  | 0.1   | 45.0  | 3.5                                                                                 | 0.18                                                                                | C2I-J2N-0500- |  |  |  |
|                                                                                  |     |                   | .709  | 4.724  | 7.087  |                       |                       | 1.575              | .709  | 1.776 | .004  | 1.771 |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  |     | 40                | 18.0  | 175.0  | 500.0  | 1                     | C2A-SL40-RGJ18B-175GB | 40                 | 18.0  | 45.1  | 0.1   | 45.0  | 3.5                                                                                 | 0.17                                                                                | C2I-J2N-0500- |  |  |  |
|                                                                                  |     |                   | .709  | 6.890  | 19.685 |                       |                       | 1.575              | .709  | 1.776 | .004  | 1.771 |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  |     | 40                | 18.0  | 180.0  | 980.0  | 1                     | C2A-SL40-RGJ18B-180GB | 40                 | 18.0  | 45.1  | 0.1   | 45.0  | 3.5                                                                                 | 0.17                                                                                | C2I-J2N-0500- |  |  |  |
|                                                                                  |     |                   | .709  | 7.087  | 38.583 |                       |                       | 1.575              | .709  | 1.776 | .004  | 1.771 |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  | 32  | 18.0              | 40.0  | 70.0   | 1      | C2A-SL32-RGK18B-040GB | 32                    | 18.0               | 41.1  | 0.1   | 36.0  | 4.0   | 0.12                                                                                | C2I-K2N-0600-                                                                       |               |  |  |  |
|                                                                                  |     | .709              | 1.575 | 2.756  |        |                       | 1.260                 | .709               | 1.618 | .004  | 1.417 |       |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  | 32  | 18.0              | 58.0  | 100.0  | 1      | C2A-SL32-RGK18B-058GB | 32                    | 18.0               | 41.1  | 0.1   | 36.0  | 4.0   | 0.14                                                                                | C2I-K2N-0600-                                                                       |               |  |  |  |
|                                                                                  |     | .709              | 2.283 | 3.937  |        |                       | 1.260                 | .709               | 1.618 | .004  | 1.417 |       |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  | 32  | 18.0              | 88.0  | 180.0  | 1      | C2A-SL32-RGK18B-088GB | 32                    | 18.0               | 41.1  | 0.1   | 36.0  | 4.0   | 0.11                                                                                | C2I-K2N-0600-                                                                       |               |  |  |  |
|                                                                                  |     | .709              | 3.465 | 7.087  |        |                       | 1.260                 | .709               | 1.618 | .004  | 1.417 |       |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  | 32  | 18.0              | 168.0 | 400.0  | 1      | C2A-SL32-RGK18B-168GB | 32                    | 18.0               | 41.1  | 0.1   | 36.0  | 4.0   | 0.11                                                                                | C2I-K2N-0600-                                                                       |               |  |  |  |
|                                                                                  |     | .709              | 6.614 | 15.748 |        |                       | 1.260                 | .709               | 1.618 | .004  | 1.417 |       |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  | 32  | 18.0              | 220.0 | 1000.0 | 1      | C2A-SL32-RGK18B-220GB | 32                    | 18.0               | 41.1  | 0.1   | 36.0  | 4.0   | 0.11                                                                                | C2I-K2N-0600-                                                                       |               |  |  |  |
|                                                                                  |     | .709              | 8.661 | 39.370 |        |                       | 1.260                 | .709               | 1.618 | .004  | 1.417 |       |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  | 40  | 18.0              | 40.0  | 70.0   | 1      | C2A-SL40-RGK18B-040GB | 40                    | 18.0               | 45.1  | 0.1   | 45.0  | 4.0   | 0.18                                                                                | C2I-K2N-0600-                                                                       |               |  |  |  |
|                                                                                  |     | .709              | 1.575 | 2.756  |        |                       | 1.575                 | .709               | 1.776 | .004  | 1.771 |       |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  | 40  | 18.0              | 58.0  | 100.0  | 1      | C2A-SL40-RGK18B-058GB | 40                    | 18.0               | 45.1  | 0.1   | 45.0  | 4.0   | 0.18                                                                                | C2I-K2N-0600-                                                                       |               |  |  |  |
|                                                                                  |     | .709              | 2.283 | 3.937  |        |                       | 1.575                 | .709               | 1.776 | .004  | 1.771 |       |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  | 40  | 18.0              | 88.0  | 180.0  | 1      | C2A-SL40-RGK18B-088GB | 40                    | 18.0               | 45.1  | 0.1   | 45.0  | 4.0   | 0.18                                                                                | C2I-K2N-0600-                                                                       |               |  |  |  |
|                                                                                  |     | .709              | 3.465 | 7.087  |        |                       | 1.575                 | .709               | 1.776 | .004  | 1.771 |       |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  | 40  | 18.0              | 168.0 | 400.0  | 1      | C2A-SL40-RGK18B-168GB | 40                    | 18.0               | 45.1  | 0.1   | 45.0  | 4.0   | 0.18                                                                                | C2I-K2N-0600-                                                                       |               |  |  |  |
|                                                                                  |     | .709              | 6.614 | 15.748 |        |                       | 1.575                 | .709               | 1.776 | .004  | 1.771 |       |                                                                                     |                                                                                     |               |  |  |  |
|                                                                                  | 40  | 18.0              | 220.0 | 1000.0 | 1      | C2A-SL40-RGK18B-220GB | 40                    | 18.0               | 45.1  | 0.1   | 45.0  | 4.0   | 0.17                                                                                | C2I-K2N-0600-                                                                       |               |  |  |  |
|                                                                                  |     | .709              | 8.661 | 39.370 |        |                       | 1.575                 | .709               | 1.776 | .004  | 1.771 |       |                                                                                     |                                                                                     |               |  |  |  |

# CoroCut® 2 cutting head for face grooving

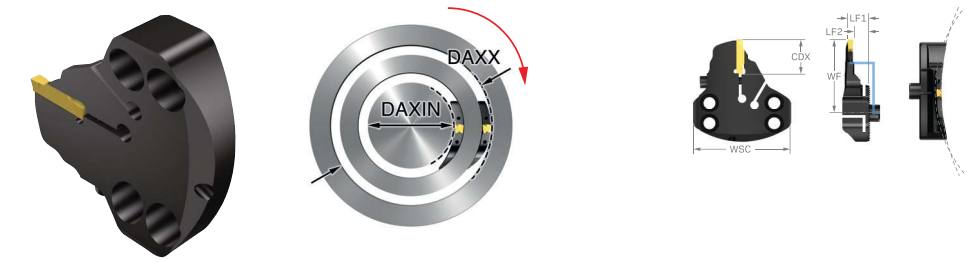
## Screw clamp design



|  |     |                   |       |        |        |      |      |                       | Dimensions, mm, inch |       |      |       |                                                                                     |                                                                                     |               |
|-----------------------------------------------------------------------------------|-----|-------------------|-------|--------|--------|------|------|-----------------------|----------------------|-------|------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|
|                                                                                   | SSC | CZC <sub>MS</sub> | CDX   | DAXIN  | DAXX   | OHX  | CNSC | Ordering code         | LF                   | WF    | HF   | WSC   |  |  | MIID          |
|                                                                                   |     |                   |       |        |        |      |      |                       |                      |       |      |       |                                                                                     |                                                                                     |               |
|                                                                                   | H   | 70                | 40.0  | 290.0  | 500.0  | 15.0 | 1    | C2A-SL70-LGH40A-290AB | 17.0                 | 66.0  | 0.1  | 70.0  | 5.6                                                                                 | 0.28                                                                                | C2I-H2N-0400- |
|                                                                                   |     |                   | 1.575 | 11.417 | 19.685 | .591 |      |                       | .669                 | 2.598 | .004 | 2.756 |                                                                                     |                                                                                     |               |
|                                                                                   | J   | 70                | 40.0  | 290.0  | 500.0  | 15.0 | 1    | C2A-SL70-LGJ40A-290AB | 17.5                 | 66.0  | 0.1  | 70.0  | 5.6                                                                                 | 0.30                                                                                | C2I-J2N-0500- |
|                                                                                   |     |                   | 1.575 | 11.417 | 19.685 | .591 |      |                       | .689                 | 2.598 | .004 | 2.756 |                                                                                     |                                                                                     |               |
|                                                                                   | K   | 70                | 40.0  | 168.0  | 300.0  | 17.0 | 1    | C2A-SL70-LGK40A-168AB | 20.0                 | 66.0  | 0.1  | 70.0  | 5.6                                                                                 | 0.34                                                                                | C2I-K2N-0600- |
|                                                                                   |     |                   | 1.575 | 6.614  | 11.811 | .669 |      |                       | .787                 | 2.598 | .004 | 2.756 |                                                                                     |                                                                                     |               |
|                                                                                   |     | 70                | 40.0  | 288.0  | 500.0  | 15.0 | 1    | C2A-SL70-LGK40A-288AB | 18.0                 | 66.0  | 0.1  | 70.0  | 5.5                                                                                 | 0.06                                                                                | C2I-K2N-0600- |
|                                                                                   |     |                   | 1.575 | 11.339 | 19.685 | .591 |      |                       | .709                 | 2.598 | .004 | 2.756 |                                                                                     |                                                                                     |               |
|                                                                                   | H   | 70                | 40.0  | 290.0  | 500.0  | 15.0 | 1    | C2A-SL70-RGH40A-290AB | 17.0                 | 66.0  | 0.1  | 70.0  | 5.6                                                                                 | 0.28                                                                                | C2I-H2N-0400- |
|                                                                                   |     |                   | 1.575 | 11.417 | 19.685 | .591 |      |                       | .669                 | 2.598 | .004 | 2.756 |                                                                                     |                                                                                     |               |
|                                                                                   | J   | 70                | 40.0  | 290.0  | 500.0  | 15.0 | 1    | C2A-SL70-RGJ40A-290AB | 17.5                 | 66.0  | 0.1  | 70.0  | 5.6                                                                                 | 0.30                                                                                | C2I-J2N-0500- |
|                                                                                   |     |                   | 1.575 | 11.417 | 19.685 | .591 |      |                       | .689                 | 2.598 | .004 | 2.756 |                                                                                     |                                                                                     |               |
|                                                                                   | K   | 70                | 40.0  | 168.0  | 300.0  | 17.0 | 1    | C2A-SL70-RGK40A-168AB | 20.0                 | 66.0  | 0.1  | 70.0  | 5.6                                                                                 | 0.34                                                                                | C2I-K2N-0600- |
|                                                                                   |     |                   | 1.575 | 6.614  | 11.811 | .669 |      |                       | .787                 | 2.598 | .004 | 2.756 |                                                                                     |                                                                                     |               |
|                                                                                   |     | 70                | 40.0  | 288.0  | 500.0  | 15.0 | 1    | C2A-SL70-RGK40A-288AB | 18.0                 | 66.0  | 0.1  | 70.0  | 5.5                                                                                 | 0.32                                                                                | C2I-K2N-0600- |
|                                                                                   |     |                   | 1.575 | 11.339 | 19.685 | .591 |      |                       | .709                 | 2.598 | .004 | 2.756 |                                                                                     |                                                                                     |               |

CoroCut® 2 cutting head for face grooving

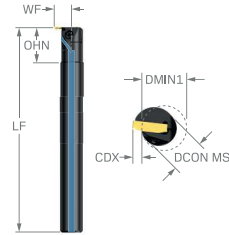
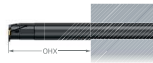
Screw clamp design



|  |     |                   |       |        |        |        |      |                       | Dimensions, mm, inch  |      |       |       |       |                                                                                   |                                                                                   |               |               |  |
|----------------------------------------------------------------------------------|-----|-------------------|-------|--------|--------|--------|------|-----------------------|-----------------------|------|-------|-------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|---------------|---------------|--|
|                                                                                  | SSC | CZC <sub>MS</sub> | CDX   | DAXIN  | DAXX   | OHX    | CNSC | Ordering code         | LPR                   | LF   | WF    | HF    | WSC   |  |  | MIID          |               |  |
|                                                                                  |     |                   |       |        |        |        |      |                       |                       |      |       |       |       |                                                                                   |                                                                                   |               |               |  |
|  | H   | 70                | 15.0  | 80.0   | 130.0  | 13.0   | 1    | C2A-SL70-LGH15B-080AB | 18.7                  | 15.0 | 53.0  | 0.1   | 70.0  | 4.0                                                                               | 0.26                                                                              | C2I-H2N-0400- |               |  |
|                                                                                  |     |                   | .591  | 3.150  | 5.118  | .512   |      |                       | .736                  | .591 | 2.087 | .004  | 2.756 |                                                                                   |                                                                                   |               |               |  |
|                                                                                  |     | 70                | 15.0  | 120.0  | 200.0  | 13.0   | 1    | C2A-SL70-LGH15B-120AB | 18.7                  | 15.0 | 53.0  | 0.1   | 70.0  | 4.0                                                                               | 0.26                                                                              | C2I-H2N-0400- |               |  |
|                                                                                  |     |                   | .591  | 4.724  | 7.874  | .512   |      |                       | .736                  | .591 | 2.087 | .004  | 2.756 |                                                                                   |                                                                                   |               |               |  |
|                                                                                  |     | 70                | 15.0  | 190.0  | 300.0  | 13.0   | 1    | C2A-SL70-LGH15B-190AB | 18.7                  | 15.0 | 53.0  | 0.1   | 70.0  | 4.0                                                                               | 0.25                                                                              | C2I-H2N-0400- |               |  |
|                                                                                  |     |                   | .591  | 7.480  | 11.811 | .512   |      |                       | .736                  | .591 | 2.087 | .004  | 2.756 |                                                                                   |                                                                                   |               |               |  |
|                                                                                  | J   | 70                | 40.0  | 290.0  | 500.0  | 15.0   | 1    | C2A-SL70-LGH40B-290AB | 18.3                  | 17.0 | 66.0  | 0.1   | 70.0  | 5.6                                                                               | 0.29                                                                              | C2I-H2N-0400- |               |  |
|                                                                                  |     |                   | 1.575 | 11.417 | 19.685 | .591   |      |                       | .720                  | .669 | 2.598 | .004  | 2.756 |                                                                                   |                                                                                   |               |               |  |
|                                                                                  |     | 70                | 40.0  | 290.0  | 500.0  | 15.0   | 1    | C2A-SL70-LGJ40B-290AB | 18.3                  | 17.5 | 66.0  | 0.1   | 70.0  | 5.6                                                                               | 0.32                                                                              | C2I-J2N-0500- |               |  |
|                                                                                  |     |                   | 1.575 | 11.417 | 19.685 | .591   |      |                       | .720                  | .689 | 2.598 | .004  | 2.756 |                                                                                   |                                                                                   |               |               |  |
|                                                                                  |     | K                 | 70    | 40.0   | 168.0  | 300.0  | 15.0 | 1                     | C2A-SL70-LGK40B-168AB | 20.0 | 18.0  | 66.0  | 0.1   | 70.0                                                                              | 5.5                                                                               | 0.35          | C2I-K2N-0600- |  |
|                                                                                  |     |                   |       | 1.575  | 6.614  | 11.811 | .591 |                       |                       | .787 | .709  | 2.598 | .004  | 2.756                                                                             |                                                                                   |               |               |  |
|                                                                                  | H   | 70                | 40.0  | 288.0  | 500.0  | 15.0   | 1    | C2A-SL70-LGK40B-288AB | 19.2                  | 18.0 | 66.0  | 0.1   | 70.0  | 5.5                                                                               | 0.34                                                                              | C2I-K2N-0600- |               |  |
|                                                                                  |     |                   | 1.575 | 11.339 | 19.685 | .591   |      |                       | .756                  | .709 | 2.598 | .004  | 2.756 |                                                                                   |                                                                                   |               |               |  |
|                                                                                  |     | 70                | 15.0  | 80.0   | 130.0  | 13.0   | 1    | C2A-SL70-RGH15B-080AB | 18.7                  | 15.0 | 53.0  | 0.1   | 70.0  | 4.0                                                                               | 0.26                                                                              | C2I-H2N-0400- |               |  |
|                                                                                  |     |                   | .591  | 3.150  | 5.118  | .512   |      |                       | .736                  | .591 | 2.087 | .004  | 2.756 |                                                                                   |                                                                                   |               |               |  |
|                                                                                  |     | 70                | 15.0  | 120.0  | 200.0  | 13.0   | 1    | C2A-SL70-RGH15B-120AB | 18.7                  | 15.0 | 53.0  | 0.1   | 70.0  | 4.0                                                                               | 0.26                                                                              | C2I-H2N-0400- |               |  |
|                                                                                  |     |                   | .591  | 4.724  | 7.874  | .512   |      |                       | .736                  | .591 | 2.087 | .004  | 2.756 |                                                                                   |                                                                                   |               |               |  |
|                                                                                  | J   | 70                | 15.0  | 190.0  | 300.0  | 13.0   | 1    | C2A-SL70-RGH15B-190AB | 18.7                  | 15.0 | 53.0  | 0.1   | 70.0  | 4.0                                                                               | 0.25                                                                              | C2I-H2N-0400- |               |  |
|                                                                                  |     |                   | .591  | 7.480  | 11.811 | .512   |      |                       | .736                  | .591 | 2.087 | .004  | 2.756 |                                                                                   |                                                                                   |               |               |  |
|                                                                                  |     | 70                | 40.0  | 290.0  | 500.0  | 15.0   | 1    | C2A-SL70-RGH40B-290AB | 18.3                  | 17.0 | 66.0  | 0.1   | 70.0  | 5.6                                                                               | 0.29                                                                              | C2I-H2N-0400- |               |  |
|                                                                                  |     |                   | 1.575 | 11.417 | 19.685 | .591   |      |                       | .720                  | .669 | 2.598 | .004  | 2.756 |                                                                                   |                                                                                   |               |               |  |
|                                                                                  |     | K                 | 70    | 40.0   | 290.0  | 500.0  | 15.0 | 1                     | C2A-SL70-RGJ40B-290AB | 18.3 | 17.5  | 66.0  | 0.1   | 70.0                                                                              | 5.6                                                                               | 0.32          | C2I-J2N-0500- |  |
|                                                                                  |     |                   |       | 1.575  | 11.417 | 19.685 | .591 |                       |                       | .720 | .689  | 2.598 | .004  | 2.756                                                                             |                                                                                   |               |               |  |
|                                                                                  | K   | 70                | 40.0  | 168.0  | 300.0  | 15.0   | 1    | C2A-SL70-RGK40B-168AB | 20.0                  | 18.0 | 66.0  | 0.1   | 70.0  | 5.5                                                                               | 0.35                                                                              | C2I-K2N-0600- |               |  |
|                                                                                  |     |                   | 1.575 | 6.614  | 11.811 | .591   |      |                       | .787                  | .709 | 2.598 | .004  | 2.756 |                                                                                   |                                                                                   |               |               |  |
|                                                                                  |     | 70                | 40.0  | 288.0  | 500.0  | 15.0   | 1    | C2A-SL70-RGK40B-288AB | 19.2                  | 18.0 | 66.0  | 0.1   | 70.0  | 5.5                                                                               | 0.34                                                                              | C2I-K2N-0600- |               |  |
|                                                                                  |     |                   | 1.575 | 11.339 | 19.685 | .591   |      |                       | .756                  | .709 | 2.598 | .004  | 2.756 |                                                                                   |                                                                                   |               |               |  |

# CoroCut® 2 boring bar for grooving

Screw clamp design



## Metric version

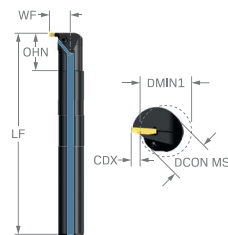
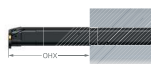
|  |     |                   |                  |                   |       |      |      | Ordering code     | Dimensions, mm     |       |      |     |     |      | MIID          |
|--|-----|-------------------|------------------|-------------------|-------|------|------|-------------------|--------------------|-------|------|-----|-----|------|---------------|
|  | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | DMIN <sub>1</sub> | OHX   | OHN  | CNSC |                   | DCON <sub>MS</sub> | LF    | WF   | BAR | NM  | KG   |               |
|  | D   | 16                | 4.5              | 25.0              | 64.0  | 25.0 | 1    | C2R-CE16-R/LD04GB | 16                 | 150.0 | 12.5 | 150 | 3.0 | 0.20 | C2I-D2N-0150- |
|  |     | 20                | 5.0              | 32.0              | 80.0  | 30.0 | 1    | C2R-CE20-R/LD05GB | 20                 | 180.0 | 15.3 | 150 | 3.0 | 0.39 | C2I-D2N-0150- |
|  | E   | 20                | 5.0              | 32.0              | 80.0  | 30.0 | 1    | C2R-CE20-R/LE05GB | 20                 | 180.0 | 15.3 | 150 | 3.5 | 0.39 | C2I-E2N-0200- |
|  |     | 25                | 7.0              | 32.0              | 100.0 | 35.0 | 1    | C2R-CE25-R/LE07GB | 25                 | 200.0 | 19.8 | 150 | 3.5 | 0.66 | C2I-E2N-0200- |
|  | G   | 20                | 6.0              | 32.0              | 80.0  | 30.0 | 1    | C2R-CE20-R/LG06GB | 20                 | 180.0 | 15.3 | 150 | 4.0 | 0.39 | C2I-G2N-0300- |
|  |     | 25                | 7.0              | 32.0              | 100.0 | 35.0 | 1    | C2R-CE25-R/LG07GB | 25                 | 200.0 | 19.8 | 150 | 4.0 | 0.66 | C2I-G2N-0300- |
|  | H   | 25                | 7.0              | 32.0              | 100.0 | 35.0 | 1    | C2R-CE25-R/LH07GB | 25                 | 200.0 | 19.3 | 150 | 4.5 | 0.66 | C2I-H2N-0400- |
|  | J   | 25                | 8.0              | 32.0              | 100.0 | 35.0 | 1    | C2R-CE25-R/LJ08GB | 25                 | 200.0 | 19.8 | 150 | 5.0 | 0.66 | C2I-J2N-0500- |

## Inch version

|  |     |                   |                  |                   |       |       |      | Ordering code      | Dimensions, inch   |       |      |      |        |       | MIID          |
|--|-----|-------------------|------------------|-------------------|-------|-------|------|--------------------|--------------------|-------|------|------|--------|-------|---------------|
|  | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | DMIN <sub>1</sub> | OHX   | OHN   | CNSC |                    | DCON <sub>MS</sub> | LF    | WF   | PSI  | FT/LBS | LBS   |               |
|  | D   | 5/8               | .177             | .984              | 2.500 | .984  | 1    | C2R-CEA10-R/LD04GB | .625               | 5.906 | .492 | 2175 | 2.2    | .425  | C2I-D2N-0150- |
|  |     | 3/4               | .197             | 1.260             | 3.000 | 1.181 | 1    | C2R-CEA12-R/LD05GB | .750               | 7.087 | .592 | 2175 | 2.2    | .776  | C2I-D2N-0150- |
|  | E   | 3/4               | .197             | 1.260             | 3.000 | 1.181 | 1    | C2R-CEA12-R/LE05GB | .750               | 7.087 | .592 | 2175 | 2.6    | .776  | C2I-E2N-0200- |
|  |     | 1                 | .280             | 1.260             | 4.000 | 1.378 | 1    | C2R-CEA16-R/LE07GB | 1.000              | 7.874 | .785 | 2175 | 2.6    | 1.508 | C2I-E2N-0200- |
|  | G   | 3/4               | .236             | 1.260             | 3.000 | 1.181 | 1    | C2R-CEA12-R/LG06GB | .750               | 7.087 | .600 | 2175 | 3.0    | .774  | C2I-G2N-0300- |
|  |     | 1                 | .276             | 1.260             | 4.000 | 1.378 | 1    | C2R-CEA16-R/LG07GB | 1.000              | 7.874 | .778 | 2175 | 3.0    | 1.506 | C2I-G2N-0300- |
|  | H   | 1                 | .276             | 1.260             | 4.000 | 1.378 | 1    | C2R-CEA16-R/LH07GB | 1.000              | 7.874 | .758 | 2175 | 3.3    | 1.504 | C2I-H2N-0400- |
|  | J   | 1                 | .315             | 1.260             | 4.000 | 1.378 | 1    | C2R-CEA16-R/LJ08GB | 1.000              | 7.874 | .778 | 2175 | 3.7    | 1.497 | C2I-J2N-0500- |

# CoroCut® 2 boring bar for grooving

Screw clamp design



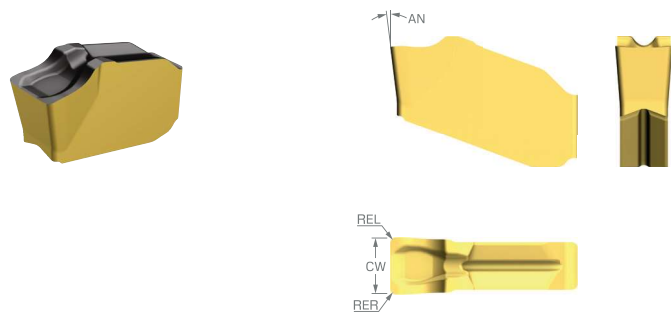
## Metric version

|  |     |                   |                  |                   |       |      |      |                   | Dimensions, mm     |      |       |      |                                                                                    |                                                                                     |                                                                                     |               |
|----------------------------------------------------------------------------------|-----|-------------------|------------------|-------------------|-------|------|------|-------------------|--------------------|------|-------|------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------|
|                                                                                  | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | DMIN <sub>1</sub> | OHX   | OHN  | CNSC | Ordering code     | DCON <sub>MS</sub> | H    | LF    | WF   |  |  |  | MIID          |
|                                                                                  | E   | 32                | 9.5              | 40.0              | 128.0 | 45.0 | 1    | C2R-CF32-R/LE09GB | 32                 | 30.0 | 250.0 | 25.5 | 150                                                                                | 4.0                                                                                 | 1.34                                                                                | C2I-E2N-0200- |
|                                                                                  | G   | 32                | 9.0              | 40.0              | 128.0 | 45.0 | 1    | C2R-CF32-R/LG09GB | 32                 | 30.0 | 250.0 | 25.3 | 150                                                                                | 4.5                                                                                 | 1.34                                                                                | C2I-G2N-0300- |
|                                                                                  |     | 40                | 11.0             | 50.0              | 160.0 | 55.0 | 1    | C2R-CF40-R/LG11GB | 40                 | 37.0 | 300.0 | 31.0 | 150                                                                                | 4.5                                                                                 | 2.50                                                                                | C2I-G2N-0300- |
|                                                                                  | H   | 32                | 10.0             | 40.0              | 128.0 | 45.0 | 1    | C2R-CF32-R/LH10GB | 32                 | 30.0 | 250.0 | 26.5 | 150                                                                                | 4.5                                                                                 | 1.33                                                                                | C2I-H2N-0400- |
|                                                                                  |     | 40                | 11.0             | 50.0              | 160.0 | 55.0 | 1    | C2R-CF40-R/LH11GB | 40                 | 37.0 | 300.0 | 31.0 | 150                                                                                | 5.0                                                                                 | 2.50                                                                                | C2I-H2N-0400- |
|                                                                                  |     | 50                | 13.0             | 60.0              | 200.0 | 65.0 | 1    | C2R-CF50-R/LH13GB | 50                 | 47.0 | 350.0 | 38.3 | 150                                                                                | 5.0                                                                                 | 4.79                                                                                | C2I-H2N-0400- |
|                                                                                  | J   | 32                | 11.0             | 40.0              | 128.0 | 45.0 | 1    | C2R-CF32-R/LJ11GB | 32                 | 30.0 | 250.0 | 27.0 | 150                                                                                | 5.0                                                                                 | 1.33                                                                                | C2I-J2N-0500- |
|                                                                                  |     | 40                | 11.0             | 50.0              | 160.0 | 55.0 | 1    | C2R-CF40-R/LJ11GB | 40                 | 37.0 | 300.0 | 31.0 | 150                                                                                | 5.5                                                                                 | 2.50                                                                                | C2I-J2N-0500- |
|                                                                                  |     | 50                | 13.0             | 60.0              | 200.0 | 65.0 | 1    | C2R-CF50-R/LJ13GB | 50                 | 47.0 | 350.0 | 38.3 | 150                                                                                | 5.5                                                                                 | 4.79                                                                                | C2I-J2N-0500- |
|                                                                                  | K   | 40                | 11.0             | 50.0              | 160.0 | 55.0 | 1    | C2R-CF40-R/LK11GB | 40                 | 37.0 | 300.0 | 31.0 | 150                                                                                | 5.5                                                                                 | 2.51                                                                                | C2I-K2N-0600- |
|                                                                                  |     | 50                | 13.0             | 60.0              | 200.0 | 65.0 | 1    | C2R-CF50-R/LK13GB | 50                 | 47.0 | 350.0 | 38.3 | 150                                                                                | 5.5                                                                                 | 4.80                                                                                | C2I-K2N-0600- |

## Inch version

|  |     |                   |                  |                   |       |       |                    | Dimensions, inch   |                    |        |        |       |                                                                                      |                                                                                       |                                                                                       |               |
|------------------------------------------------------------------------------------|-----|-------------------|------------------|-------------------|-------|-------|--------------------|--------------------|--------------------|--------|--------|-------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------|
|                                                                                    | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | DMIN <sub>1</sub> | OHX   | OHN   | CNSC               | Ordering code      | DCON <sub>MS</sub> | H      | LF     | WF    |  |  |  | MIID          |
|                                                                                    | E   | 1 1/4             | .374             | 1.575             | 5.000 | 1.772 | 1                  | C2R-CFA20-R/LE09GB | 1.250              | 1.181  | 9.843  | 1.014 | 2175                                                                                 | 3.0                                                                                   | 3.000                                                                                 | C2I-E2N-0200- |
|                                                                                    | G   | 1 1/4             | .354             | 1.575             | 5.000 | 1.772 | 1                  | C2R-CFA20-R/LG09GB | 1.250              | 1.181  | 9.843  | 1.014 | 2175                                                                                 | 3.3                                                                                   | 2.998                                                                                 | C2I-G2N-0300- |
|                                                                                    |     | 1 1/2             | .430             | 1.969             | 6.000 | 2.165 | 1                  | C2R-CFA24-R/LG11GB | 1.500              | 1.374  | 11.811 | 1.189 | 2175                                                                                 | 3.3                                                                                   | 5.009                                                                                 | C2I-G2N-0300- |
|                                                                                    | H   | 1 1/4             | .394             | 1.575             | 5.000 | 1.772 | 1                  | C2R-CFA20-R/LH10GB | 1.250              | 1.181  | 9.843  | 1.053 | 2175                                                                                 | 3.3                                                                                   | 2.978                                                                                 | C2I-H2N-0400- |
|                                                                                    |     | 1 1/2             | .430             | 1.969             | 6.000 | 2.165 | 1                  | C2R-CFA24-R/LH11GB | 1.500              | 1.374  | 11.811 | 1.221 | 2175                                                                                 | 3.3                                                                                   | 5.027                                                                                 | C2I-H2N-0400- |
|                                                                                    | 2   | .512              | 2.362            | 8.000             | 2.559 | 1     | C2R-CFA32-R/LH13GB | 2.000              | 1.874              | 13.780 | 1.506  | 2175  | 3.7                                                                                  | 10.873                                                                                | C2I-H2N-0400-                                                                         |               |
|                                                                                    | J   | 1 1/4             | .433             | 1.575             | 5.000 | 1.772 | 1                  | C2R-CFA20-R/LJ11GB | 1.250              | 1.181  | 9.843  | 1.073 | 2175                                                                                 | 3.7                                                                                   | 2.970                                                                                 | C2I-J2N-0500- |
|                                                                                    |     | 1 1/2             | .433             | 1.969             | 6.000 | 2.165 | 1                  | C2R-CFA24-R/LJ11GB | 1.500              | 1.374  | 11.811 | 1.189 | 2175                                                                                 | 3.7                                                                                   | 5.035                                                                                 | C2I-J2N-0500- |
|                                                                                    |     | 2                 | .512             | 2.362             | 8.000 | 2.559 | 1                  | C2R-CFA32-R/LJ13GB | 2.000              | 1.874  | 13.780 | 1.524 | 2175                                                                                 | 4.1                                                                                   | 10.864                                                                                | C2I-J2N-0500- |
|                                                                                    | K   | 1 1/2             | .430             | 1.969             | 6.000 | 2.165 | 1                  | C2R-CFA24-R/LK11GB | 1.500              | 1.374  | 11.811 | 1.189 | 2175                                                                                 | 4.1                                                                                   | 5.038                                                                                 | C2I-K2N-0600- |
|                                                                                    |     | 2                 | .512             | 2.362             | 8.000 | 2.559 | 1                  | C2R-CFA32-R/LK13GB | 2.000              | 1.874  | 13.780 | 1.524 | 2175                                                                                 | 4.1                                                                                   | 10.867                                                                                | C2I-K2N-0600- |

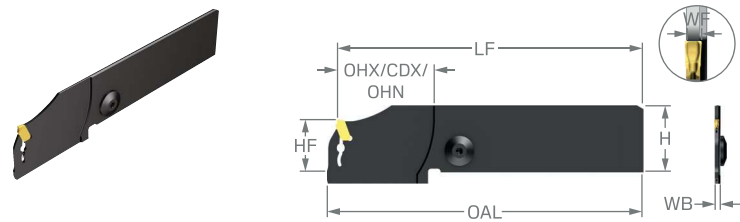
CoroCut® QD insert for parting



|          |       |       |       |      |                    | P    |      |      |      | M    |      |      |      | K    |      |      |      | N    |      |      |      | S    |      |    |        | Dimensions, mm, inch |        |        |       |        |       |
|----------|-------|-------|-------|------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|----|--------|----------------------|--------|--------|-------|--------|-------|
|          |       |       |       |      | Ordering code      | 1135 | 1145 | 1225 | 4425 | 1135 | 1145 | 1225 | H13A | 1135 | 1225 | 4425 | H13A | 1225 | H13A | 1135 | 1145 | 1225 | H13A | AN | CWTOLL | CWTOLU               | RETOLL | RETOLU |       |        |       |
| Roughing | E     | 2.00  | 0.30  | 0.30 | QD-NE-0200-0003-CH | ☆    | ★    |      |      | ★    | ☆    | ☆    |      | ☆    | ★    |      |      | ★    |      | ☆    | ★    | ☆    |      | 7° | -0.050 | 0.050                | -0.050 | 0.050  |       |        |       |
|          |       | .079  | .012  | .012 |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          | F     | 2.50  | 0.30  | 0.30 | QD-NF-0250-0003-CH | ☆    | ★    |      |      | ★    | ☆    | ☆    |      | ☆    | ★    |      |      | ★    |      | ☆    | ★    | ☆    |      | 7° | -0.050 | 0.050                | -0.050 | 0.050  |       |        |       |
|          |       | .098  | .012  | .012 |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
| G        | 3.000 | 0.300 | 0.300 |      | QD-NG-0300-0003-CH |      |      |      |      |      |      |      |      | ☆    | ☆    |      |      | ★    | ★    | ☆    | ☆    | ☆    | ☆    | ★  | ☆      | ★                    | 7°     | -0.050 | 0.050 | -0.050 | 0.050 |
|          | .118  | .012  | .012  |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
| H        | 4.000 | 0.300 | 0.300 |      | QD-NH-0400-0003-CH |      |      |      |      |      |      |      |      | ☆    | ☆    |      |      | ★    | ★    | ☆    | ☆    | ☆    | ☆    | ★  | ☆      | ★                    | 7°     | -0.050 | 0.050 | -0.050 | 0.050 |
|          | .157  | .012  | .012  |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |
|          |       |       |       |      |                    |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |    |        |                      |        |        |       |        |       |

CoroCut® QD blade for Y-axis parting

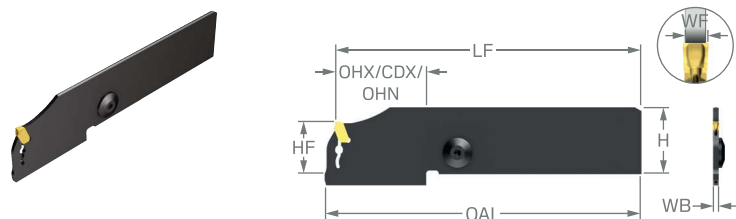
Spring clamp design



|  |     |                   |       |       |      | Dimensions, mm, inch |       |       |      |      |      | MIID               |
|--|-----|-------------------|-------|-------|------|----------------------|-------|-------|------|------|------|--------------------|
|  | SSC | CZC <sub>MS</sub> | CDX   | OHX   | CNSC | Ordering code        | H     | LF    | WF   | HF   | KG   |                    |
|  | E   | 21                | 36.0  | 44.5  | 2    | QD-NR1E36C21AY1      | 25.9  | 115.0 | 1.8  | 21.4 | 0.05 | QD-NE-0200-0002-CM |
|  |     |                   | 1.417 | 1.752 |      |                      | 1.020 | 4.528 | .069 | .843 |      |                    |
|  |     | 21                | 45.0  | 53.5  | 2    | QD-NR1E45C21AY1      | 25.9  | 115.0 | 1.8  | 21.4 | 0.05 | QD-NE-0200-0002-CM |
|  |     |                   | 1.772 | 2.106 |      |                      | 1.020 | 4.528 | .069 | .843 |      |                    |
|  |     | 25                | 45.0  | 53.5  | 2    | QD-NR1E45C25AY1      | 31.9  | 145.0 | 1.8  | 25.0 | 0.07 | QD-NE-0200-0002-CM |
|  |     |                   | 1.772 | 2.106 |      |                      | 1.256 | 5.709 | .069 | .984 |      |                    |
|  | F   | 21                | 36.0  | 44.5  | 2    | QD-NR1F36C21AY1      | 25.9  | 115.0 | 2.3  | 21.4 | 0.05 | QD-NF-0250-0002-CM |
|  |     |                   | 1.417 | 1.752 |      |                      | 1.020 | 4.528 | .089 | .843 |      |                    |
|  |     | 21                | 45.0  | 53.5  | 2    | QD-NR1F45C21AY1      | 25.9  | 115.0 | 2.3  | 21.4 | 0.05 | QD-NF-0250-0002-CM |
|  |     |                   | 1.772 | 2.106 |      |                      | 1.020 | 4.528 | .089 | .843 |      |                    |
|  |     | 25                | 60.0  | 53.5  | 2    | QD-NR1F45C25AY1      | 31.9  | 145.0 | 2.3  | 25.0 | 0.08 | QD-NF-0250-0002-CM |
|  |     |                   | 2.362 | 2.106 |      |                      | 1.256 | 5.709 | .089 | .984 |      |                    |
|  | H   | 25                | 60.0  | 68.5  | 2    | QD-NR1F60C25AY1      | 31.9  | 145.0 | 2.3  | 25.0 | 0.08 | QD-NF-0250-0002-CM |
|  |     |                   | 2.362 | 2.697 |      |                      | 1.256 | 5.709 | .089 | .984 |      |                    |
|  |     | 25                | 60.0  | 53.5  | 2    | QD-NR1H45C25AY1      | 31.9  | 145.0 | 3.7  | 25.0 | 0.16 | QD-NH-0400-0002-CM |
|  |     |                   | 2.362 | 2.106 |      |                      | 1.256 | 5.709 | .145 | .984 |      |                    |
|  |     | 25                | 60.0  | 68.5  | 2    | QD-NR1H60C25AY1      | 31.9  | 145.0 | 3.7  | 25.0 | 0.16 | QD-NH-0400-0002-CM |
|  |     |                   | 2.362 | 2.697 |      |                      | 1.256 | 5.709 | .145 | .984 |      |                    |
|  | J   | 25                | 60.0  | 69.0  | 2    | QD-NR1J60C25AY1      | 31.9  | 144.5 | 4.7  | 25.0 | 0.17 | QD-NJ-0500-0002-CM |
|  |     |                   | 2.362 | 2.717 |      |                      | 1.256 | 5.689 | .184 | .984 |      |                    |

# CoroCut® QD blade for Y-axis parting

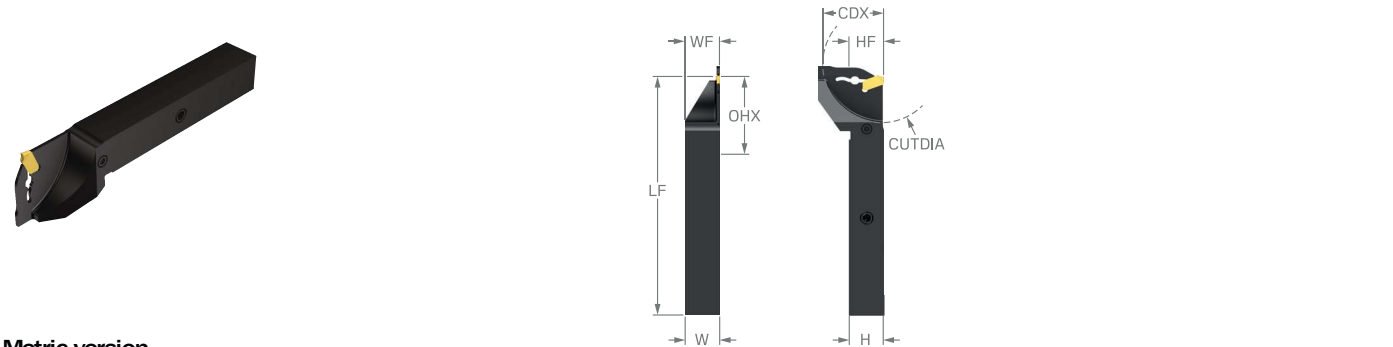
Spring clamp design



|  |     |                   |       |       |      | Dimensions, mm, inch |       |       |      |      |      | MIID               |
|--|-----|-------------------|-------|-------|------|----------------------|-------|-------|------|------|------|--------------------|
|  | SSC | CZC <sub>MS</sub> | CDX   | OHX   | CNSC | Ordering code        | H     | LF    | WF   | HF   | KG   |                    |
|  | G   | 21                | 36.0  | 44.5  | 2    | QD-NN1G36C21AY1      | 25.9  | 115.0 | 2.7  | 21.4 | 0.06 | QD-NG-0300-0002-CM |
|  |     |                   | 1.417 | 1.752 |      |                      | 1.020 | 4.528 | .105 | .843 |      |                    |
|  |     | 21                | 45.0  | 53.5  | 2    | QD-NN1G45C21AY1      | 25.9  | 115.0 | 2.7  | 21.4 | 0.06 | QD-NG-0300-0002-CM |
|  |     |                   | 1.772 | 2.106 |      |                      | 1.020 | 4.528 | .105 | .843 |      |                    |
|  | 25  | 25                | 60.0  | 53.5  | 2    | QD-NN1G45C25AY1      | 31.9  | 145.0 | 2.7  | 25.0 | 0.08 | QD-NG-0300-0002-CM |
|  |     |                   | 2.362 | 2.106 |      |                      | 1.256 | 5.709 | .105 | .984 |      |                    |
|  |     | 25                | 60.0  | 68.8  | 2    | QD-NN1G60C25AY1      | 31.9  | 145.0 | 2.7  | 25.0 | 0.08 | QD-NG-0300-0002-CM |
|  |     |                   | 2.362 | 2.709 |      |                      | 1.256 | 5.709 | .105 | .984 |      |                    |
|  | K   | 25                | 60.0  | 69.0  | 2    | QD-NN1K60C25AY1      | 31.9  | 144.5 | 5.7  | 25.0 | 0.19 | QD-NK-0600-0003-CM |
|  |     |                   | 2.362 | 2.717 |      |                      | 1.256 | 5.689 | .223 | .984 |      |                    |

CoroCut® QD shank for Y-axis parting

Spring clamp design



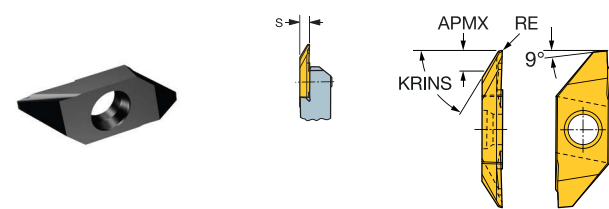
Metric version

|  |     |                   |                  |      |      |                   | Dimensions, mm |      |       |      |                                                                                   |                    |  |
|----------------------------------------------------------------------------------|-----|-------------------|------------------|------|------|-------------------|----------------|------|-------|------|-----------------------------------------------------------------------------------|--------------------|--|
|                                                                                  | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | OHX  | CNSC | Ordering code     | B              | H    | LF    | WF   |  | MIID               |  |
|                                                                                  | E   | 16 x 16           | 20.0             | 41.0 | 2    | QD-LFE20C1616D-Y1 | 16.0           | 16.0 | 110.0 | 15.9 | 0.19                                                                              | QD-NE-0200-0002-CM |  |
|                                                                                  |     | 20 x 20           | 20.0             | 45.0 | 2    | QD-LFE20C2020D-Y1 | 20.0           | 20.0 | 125.0 | 19.9 | 0.34                                                                              | QD-NE-0200-0002-CM |  |
|                                                                                  | F   | 20 x 20           | 20.0             | 45.0 | 2    | QD-LFF20C2020D-Y1 | 20.0           | 20.0 | 125.0 | 19.9 | 0.34                                                                              | QD-NF-0250-0002-CM |  |
|                                                                                  | E   | 16 x 16           | 20.0             | 41.0 | 2    | QD-RFE20C1616D-Y1 | 16.0           | 16.0 | 110.0 | 15.9 | 0.19                                                                              | QD-NE-0200-0002-CM |  |
|                                                                                  |     | 20 x 20           | 20.0             | 45.0 | 2    | QD-RFE20C2020D-Y1 | 20.0           | 20.0 | 125.0 | 19.9 | 0.34                                                                              | QD-NE-0200-0002-CM |  |
|                                                                                  | F   | 20 x 20           | 20.0             | 45.0 | 2    | QD-RFF20C2020D-Y1 | 20.0           | 20.0 | 125.0 | 19.9 | 0.34                                                                              | QD-NF-0250-0002-CM |  |

Inch version

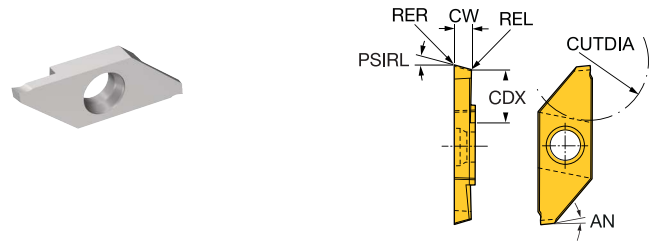
|  |     |                   |                  |       |      |                   | Dimensions, inch |      |       |      |      |                                                                                     |                    |
|------------------------------------------------------------------------------------|-----|-------------------|------------------|-------|------|-------------------|------------------|------|-------|------|------|-------------------------------------------------------------------------------------|--------------------|
|                                                                                    | SSC | CZC <sub>MS</sub> | CDX <sub>1</sub> | OHX   | CNSC | Ordering code     | B                | H    | LF    | WF   | HF   |  | MIID               |
|                                                                                    | E   | 5/8 x 5/8         | .787             | 1.609 | 2    | QD-LFE0800C10D-Y1 | .625             | .625 | 4.500 | .621 | .625 | .421                                                                                | QD-NE-0200-0002-CM |
|                                                                                    |     | 3/4 x 3/4         | .787             | 1.734 | 2    | QD-LFE0800C12D-Y1 | .750             | .750 | 5.000 | .746 | .750 | .690                                                                                | QD-NE-0200-0002-CM |
|                                                                                    | F   | 3/4 x 3/4         | .787             | 1.734 | 2    | QD-LFF0800C12D-Y1 | .750             | .750 | 5.000 | .746 | .750 | .692                                                                                | QD-NF-0250-0002-CM |
|                                                                                    | E   | 5/8 x 5/8         | .787             | 1.609 | 2    | QD-RFE0800C10D-Y1 | .625             | .625 | 4.500 | .621 | .625 | .421                                                                                | QD-NE-0200-0002-CM |
|                                                                                    |     | 3/4 x 3/4         | .787             | 1.734 | 2    | QD-RFE0800C12D-Y1 | .750             | .750 | 5.000 | .746 | .750 | .690                                                                                | QD-NE-0200-0002-CM |
|                                                                                    | F   | 3/4 x 3/4         | .787             | 1.734 | 2    | QD-RFF0800C12D-Y1 | .750             | .750 | 5.000 | .746 | .750 | .692                                                                                | QD-NF-0250-0002-CM |

CoroCut® XS insert for parting



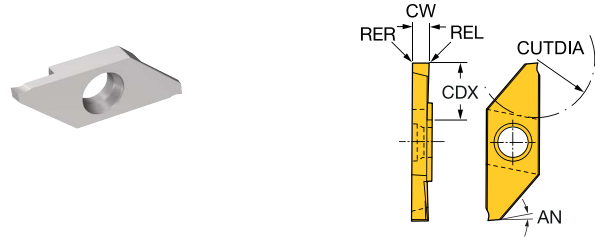
|           |  |     |      | P             | M    | S    | Dimension<br>s, |
|-----------|--|-----|------|---------------|------|------|-----------------|
|           |  |     |      | 1205          | 1205 | 1205 | AN              |
| Finishing |  | SSC | RE   | Ordering code | ☆    | ☆    | ★ 6 °           |
|           |  | 3   | 0.03 | MABR/L 3 003  | ☆    | ☆    | ★ 6 °           |
|           |  |     | .001 |               | ☆    | ☆    | ★ 6 °           |
|           |  |     | 0.05 | MABR/L 3 005  | ☆    | ☆    | ★ 6 °           |
|           |  |     | .002 |               | ☆    | ☆    | ★ 6 °           |
|           |  |     | 0.10 | MABR/L 3 010  | ☆    | ☆    | ★ 6 °           |
|           |  |     | .004 |               | ☆    | ☆    | ★ 6 °           |
|           |  |     | 0.20 | MABR/L 3 020  | ☆    | ☆    | ★ 6 °           |
|           |  |     | .008 |               |      |      |                 |
|           |  |     |      |               |      |      |                 |
|           |  |     |      |               |      |      |                 |

CoroCut® XS insert for parting



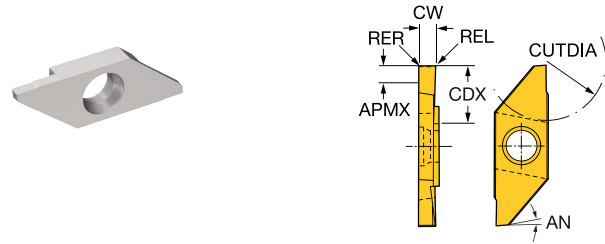
|           |      |      |      |      |      |       |                |                |      |      | Dimensions, mm, inch |        |        |        |        |        |        |
|-----------|------|------|------|------|------|-------|----------------|----------------|------|------|----------------------|--------|--------|--------|--------|--------|--------|
|           |      |      |      |      |      |       |                | M              | N    | S    |                      |        |        |        |        |        |        |
| Finishing |      | SSC  | CW   | REL  | RER  | CDX   | PSIRL          | Ordering code  | 1205 | 1205 | 1205                 | AN     | CUTDIA | CWTOLL | CWTOLU | RETOLL | RETOLU |
|           |      | 3    | 0.70 | 0.05 | 0.05 | 4.3   | 15.0°          | MACR/L 3 070-L | ★    | ★    | ★                    | 6 °    | 8.00   | -0.020 | 0.020  | -0.030 | 0.030  |
|           |      | .028 | .002 | .002 | .169 |       |                |                | ★    | ★    | ★                    | 6 °    | .315   | -.0008 | .0008  | -.0012 | .0012  |
|           |      | 1.00 | 0.05 | 0.05 | 6.3  | 15.0° | MACR/L 3 100-L | ★              | ★    | ★    | 6 °                  | 12.00  | -0.020 | 0.020  | -0.030 | 0.030  |        |
|           |      | .039 | .002 | .002 | .248 |       |                |                | ★    | ★    | ★                    | 6 °    | .472   | -.0008 | .0008  | -.0012 | .0012  |
|           |      | 1.50 | 0.05 | 0.05 | 6.3  | 15.0° | MACR/L 3 150-L | ★              | ★    | ★    | 6 °                  | 12.00  | -0.020 | 0.020  | -0.030 | 0.030  |        |
|           |      | .059 | .002 | .002 | .248 |       |                |                | ★    | ★    | ★                    | 6 °    | .472   | -.0008 | .0008  | -.0012 | .0012  |
|           |      | 2.00 | 0.05 | 0.05 | 8.5  | 15.0° | MACR/L 3 200-L | ★              | ★    | ★    | 6 °                  | 16.00  | -0.020 | 0.020  | -0.030 | 0.030  |        |
| .079      | .002 | .002 | .335 |      |      |       |                |                |      |      | 630                  | -.0008 | .0008  | -.0012 | .0012  |        |        |
|           |      |      |      |      |      |       |                |                |      |      |                      |        |        |        |        |        |        |

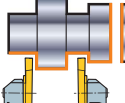
CoroCut® XS insert for parting



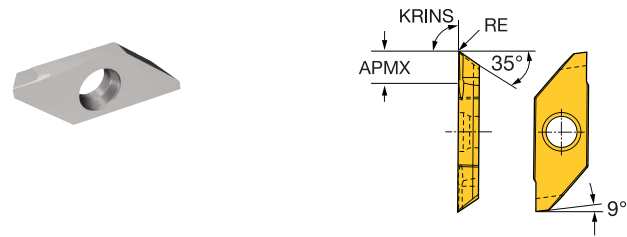
|           |                                                                                   |      |      |      |      |      |                | M    | N    | S    | Dimensions, mm, inch |        |        |        |        |        |
|-----------|-----------------------------------------------------------------------------------|------|------|------|------|------|----------------|------|------|------|----------------------|--------|--------|--------|--------|--------|
|           |                                                                                   |      |      |      |      |      |                |      |      |      |                      |        |        |        |        |        |
| Finishing |  | SSC  | CW   | REL  | RER  | CDX  | Ordering code  | 1205 | 1205 | 1205 | AN                   | CUTDIA | CWTOLL | CWTOLU | RETOLL | RETOLU |
|           |                                                                                   | 3    | 0.70 | 0.05 | 0.05 | 4.3  | MACR/L 3 070-N | ★    | ★    | ★    | 6 °                  | 8.00   | -0.020 | 0.020  | -0.030 | 0.030  |
|           |                                                                                   |      | .028 | .002 | .002 | .169 |                |      |      |      |                      | .315   | -.0008 | .0008  | -.0012 | .0012  |
|           |                                                                                   |      | 1.00 | 0.05 | 0.05 | 6.3  | MACR/L 3 100-N | ★    | ★    | ★    | 6 °                  | 12.00  | -0.020 | 0.020  | -0.030 | 0.030  |
|           |                                                                                   |      | .039 | .002 | .002 | .248 |                |      |      |      |                      | .472   | -.0008 | .0008  | -.0012 | .0012  |
|           |                                                                                   |      | 1.50 | 0.05 | 0.05 | 6.3  | MACR/L 3 150-N | ★    | ★    | ★    | 6 °                  | 12.00  | -0.020 | 0.020  | -0.030 | 0.030  |
|           |                                                                                   |      | .059 | .002 | .002 | .248 |                |      |      |      |                      | .472   | -.0008 | .0008  | -.0012 | .0012  |
|           |                                                                                   |      | 2.00 | 0.05 | 0.05 | 8.5  | MACR/L 3 200-N | ★    | ★    | ★    | 6 °                  | 16.00  | -0.020 | 0.020  | -0.030 | 0.030  |
|           | .079                                                                              | .002 | .002 | .335 |      |      |                |      |      | .630 | -.0008               | .0008  | -.0012 | .0012  |        |        |
|           |                                                                                   |      |      |      |      |      |                |      |      |      |                      |        |        |        |        |        |

CoroCut® XS insert for parting



|           |                                                                                   |      |      |      |      |      | Dimensions, mm, inch |      |      |      |        |        |        |        |        |        |  |  |  |
|-----------|-----------------------------------------------------------------------------------|------|------|------|------|------|----------------------|------|------|------|--------|--------|--------|--------|--------|--------|--|--|--|
|           |                                                                                   |      |      |      |      |      | M                    | N    | S    |      |        |        |        |        |        |        |  |  |  |
|           |                                                                                   |      |      |      |      |      |                      |      |      |      |        |        |        |        |        |        |  |  |  |
| Finishing |  | SSC  | CW   | REL  | RER  | CDX  | Ordering code        | 1205 | 1205 | 1205 | AN     | CUTDIA | CWTOLL | CWTOLU | RETOLL | RETOLU |  |  |  |
|           |                                                                                   | 3    | 1.00 | 0.05 | 0.05 | 6.3  | MACR/L 3 100-T       | ★    | ★    | ★    | 6 °    | 12.00  | -0.020 | 0.020  | -0.030 | 0.030  |  |  |  |
|           |                                                                                   |      | .039 | .002 | .002 | .248 |                      |      |      |      |        | .472   | -.0008 | .0008  | -.0012 | .0012  |  |  |  |
|           |                                                                                   |      | 1.50 | 0.05 | 0.05 | 6.3  | MACR/L 3 150-T       | ★    | ★    | ★    | 6 °    | 12.00  | -0.020 | 0.020  | -0.030 | 0.030  |  |  |  |
|           |                                                                                   |      | .059 | .002 | .002 | .248 |                      |      |      |      |        | .472   | -.0008 | .0008  | -.0012 | .0012  |  |  |  |
|           |                                                                                   |      | 2.00 | 0.05 | 0.05 | 8.2  | MACR/L 3 200-T       | ★    | ★    | ★    | 6 °    | 16.00  | -0.020 | 0.020  | -0.030 | 0.030  |  |  |  |
|           |                                                                                   |      | .079 | .002 | .002 | .323 |                      |      |      |      |        | .630   | -.0008 | .0008  | -.0012 | .0012  |  |  |  |
|           |                                                                                   |      | 2.50 | 0.05 | 0.05 | 8.2  | MACR/L 3 250-T       | ★    | ★    | ★    | 6 °    | 16.00  | -0.020 | 0.020  | -0.030 | 0.030  |  |  |  |
|           | .098                                                                              | .002 | .002 | .323 |      |      |                      |      |      | .630 | -.0008 | .0008  | -.0012 | .0012  |        |        |  |  |  |
|           |                                                                                   |      |      |      |      |      |                      |      |      |      |        |        |        |        |        |        |  |  |  |

CoroCut® XS insert for parting



|           |  |     |      | P             | M    | S    | Dimension<br>s, |     |
|-----------|--|-----|------|---------------|------|------|-----------------|-----|
|           |  |     |      | 1205          | 1205 | 1205 | AN              |     |
| Finishing |  | SSC | RE   | Ordering code | ☆    | ☆    | ★               | 6 ° |
|           |  | 3   | 0.03 | MAFR/L 3 003  | ☆    | ☆    | ★               | 6 ° |
|           |  |     | .001 | MAFR/L 3 005  | ☆    | ☆    | ★               | 6 ° |
|           |  |     | 0.05 | MAFR/L 3 010  | ☆    | ☆    | ★               | 6 ° |
|           |  |     | .002 | MAFR/L 3 020  | ☆    | ☆    | ★               | 6 ° |
|           |  |     | 0.10 |               | ☆    | ☆    | ★               | 6 ° |
|           |  |     | .004 |               | ☆    | ☆    | ★               | 6 ° |
|           |  |     | 0.20 |               | ☆    | ☆    | ★               | 6 ° |
|           |  |     | .008 |               |      |      |                 |     |

Milling

CoroMill® MR80

Face milling cutter 89

CoroMill® 365

Inserts 90

CoroMill® MS60

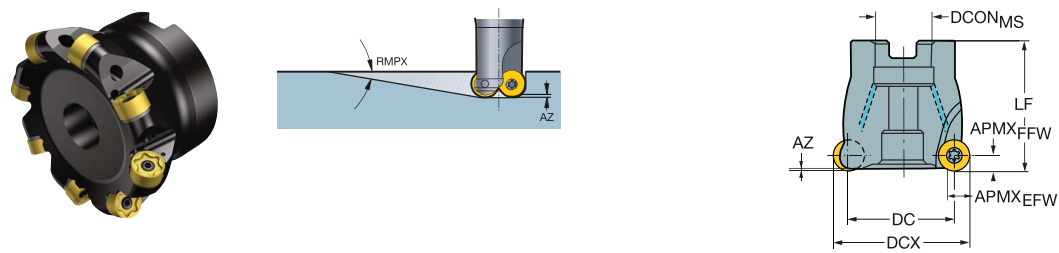
Square shoulder milling cutter 91

Inserts 92

CoroMill® Plura

Solid carbide ball nose end mill 93

# CoroMill® MR80 face milling cutter



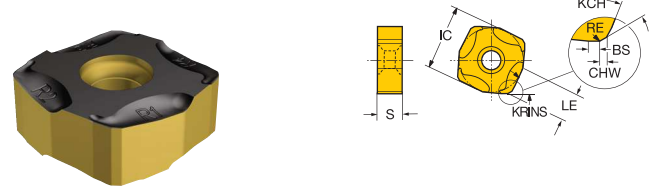
## Inch version

|       |       |      |                   |                     |      |      |                                                                                   |                   | Dimensions, inch   |     |       |                                                                                    |                                                                                     |      |             |  |
|-------|-------|------|-------------------|---------------------|------|------|-----------------------------------------------------------------------------------|-------------------|--------------------|-----|-------|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|-------------|--|
| DCX   | DC    | SSC  | CZC <sub>MS</sub> | APMX <sub>FFW</sub> | RMPX | CNSC |  | Ordering code     | DCON <sub>MS</sub> | ISO | LF    |  |  | RPMX | MIID        |  |
| 2.000 | 1.528 | 1206 | 3/4               | .236                | .74° | 1    | 4                                                                                 | MR80-AR051R19-12M | .750               | A   | 1.575 | 1.4                                                                                | 0.54                                                                                | 9300 | MR80-1206.. |  |
|       | 1.528 | 1206 | 3/4               | .236                | .74° | 1    | 6                                                                                 | MR80-AR051R19-12H | .750               | A   | 1.575 | 1.4                                                                                | 0.58                                                                                | 9300 | MR80-1206.. |  |
| 2.500 | 2.028 | 1206 | 3/4               | .236                | .59° | 1    | 6                                                                                 | MR80-AR063R19-12M | .750               | A   | 1.969 | 1.4                                                                                | 1.07                                                                                | 8300 | MR80-1206.. |  |
| 3.000 | 2.528 | 1206 | 1                 | .236                | .43° | 1    | 8                                                                                 | MR80-AR076R25-12M | 1.000              | A   | 1.969 | 1.4                                                                                | 2.05                                                                                | 7400 | MR80-1206.. |  |
| 4.000 | 3.528 | 1206 | 1 1/2             | .236                | .33° | 1    | 10                                                                                | MR80-AR102R38-12M | 1.500              | B   | 1.969 | 1.4                                                                                | 2.65                                                                                | 6600 | MR80-1206.. |  |

CoroMill® 365 insert for milling

ENG

KRINS 65°

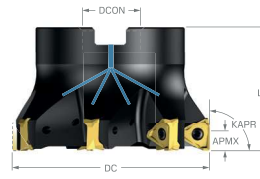
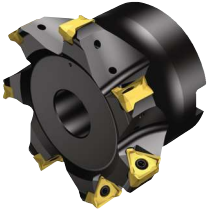


|        |     |     |      |     |      | K                  |   |   |   | Dimensions, mm, inch |      |      |      |
|--------|-----|-----|------|-----|------|--------------------|---|---|---|----------------------|------|------|------|
| Medium | M50 | SSC | RE   | KCH | CHW  | Ordering code      |   |   |   | IC                   | LE   | S    | BS   |
|        |     | 15  | 0.30 | 35° | 0.7  | R/L365-1505ZNM-M50 | ☆ | ☆ | ☆ | 15.0                 | 6.4  | 5.66 | 1.1  |
|        |     |     | .012 |     | .028 |                    |   |   |   | .591                 | .252 | .223 | .059 |
|        |     |     |      |     |      |                    |   |   |   |                      |      |      |      |

# CoroMill® MS60 square shoulder milling cutter

KAPR

90°



## Metric version

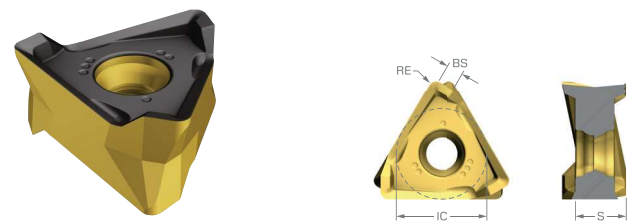
|       |      |                   |                     |       |     |      |                                                                                   |                  |  | Dimensions, mm     |     |      |                                          |      |       |             |
|-------|------|-------------------|---------------------|-------|-----|------|-----------------------------------------------------------------------------------|------------------|--|--------------------|-----|------|------------------------------------------|------|-------|-------------|
| DC    | SSC  | CZC <sub>MS</sub> | APMX <sub>FFW</sub> | RMPX  | AZ  | CNSC |  | Ordering code    |  | DCON <sub>MS</sub> | ISO | LF   | <div> <div>NM</div> <div>KG</div> </div> |      | RPMX  | MIID        |
| 50.0  | 1605 | 22                | 8.00                | 1.60° | 0.7 | 1    |                                                                                   |                  |  | 22.0               | A   | 40.0 | 2.0                                      | 0.26 | 10700 | MS60-1605.. |
| 50.0  | 1605 | 22                | 8.00                | 1.60° | 0.7 | 1    | 5                                                                                 | MS60-R050Q22-16H |  | 22.0               | A   | 40.0 | 2.0                                      | 0.25 | 10700 | MS60-1605.. |
| 63.0  | 1605 | 22                | 8.00                | 1.30° | 0.7 | 1    | 5                                                                                 | MS60-R063Q22-16M |  | 22.0               | A   | 40.0 | 2.0                                      | 0.45 | 9600  | MS60-1605.. |
| 63.0  | 1605 | 22                | 8.00                | 1.30° | 0.7 | 1    | 7                                                                                 | MS60-R063Q22-16H |  | 22.0               | A   | 40.0 | 2.0                                      | 0.42 | 9600  | MS60-1605.. |
| 80.0  | 1605 | 27                | 8.00                | 1.00° | 0.7 | 1    | 7                                                                                 | MS60-R080Q27-16M |  | 27.0               | A   | 50.0 | 2.0                                      | 0.94 | 8500  | MS60-1605.. |
| 80.0  | 1605 | 27                | 8.00                | 1.00° | 0.7 | 1    | 9                                                                                 | MS60-R080Q27-16H |  | 27.0               | A   | 50.0 | 2.0                                      | 0.94 | 8500  | MS60-1605.. |
| 100.0 | 1605 | 32                | 8.00                | 0.75° | 0.5 | 1    | 8                                                                                 | MS60-R100Q32-16M |  | 32.0               | A   | 50.0 | 2.0                                      | 1.63 | 7600  | MS60-1605.. |
| 100.0 | 1605 | 32                | 8.00                | 0.75° | 0.5 | 1    | 11                                                                                | MS60-R100Q32-16H |  | 32.0               | A   | 50.0 | 2.0                                      | 1.62 | 7600  | MS60-1605.. |

## Inch version

|       |      |                   |                     |       |      |      |                                                                                     |                   |  | Dimensions, inch   |     |       |                                               |      |       |             |
|-------|------|-------------------|---------------------|-------|------|------|-------------------------------------------------------------------------------------|-------------------|--|--------------------|-----|-------|-----------------------------------------------|------|-------|-------------|
| DC    | SSC  | CZC <sub>MS</sub> | APMX <sub>FFW</sub> | RMPX  | AZ   | CNSC |  | Ordering code     |  | DCON <sub>MS</sub> | ISO | LF    | <div> <div>FT/LBS</div> <div>LBS</div> </div> |      | RPMX  | MIID        |
| 2.000 | 1605 | 3/4               | .315                | 1.80° | .028 | 1    |                                                                                     |                   |  | .750               | A   | 1.500 | 1.4                                           | 0.64 | 10700 | MS60-1605.. |
| 2.000 | 1605 | 3/4               | .315                | 1.80° | .028 | 1    | 5                                                                                   | MS60-AR051R19-16H |  | .750               | A   | 1.500 | 1.4                                           | 0.64 | 10700 | MS60-1605.. |
| 2.500 | 1605 | 1                 | .315                | 1.40° | .028 | 1    | 5                                                                                   | MS60-AR063R25-16M |  | 1.000              | A   | 1.625 | 1.4                                           | 1.06 | 9600  | MS60-1605.. |
| 3.000 | 1605 | 1                 | .315                | 1.10° | .028 | 1    | 7                                                                                   | MS60-AR076R25-16M |  | 1.000              | A   | 2.000 | 1.4                                           | 1.81 | 8500  | MS60-1605.. |
| 3.000 | 1605 | 1                 | .315                | 1.10° | .028 | 1    | 9                                                                                   | MS60-AR076R25-16H |  | 1.000              | A   | 2.000 | 1.4                                           | 1.76 | 8500  | MS60-1605.. |
| 4.000 | 1605 | 1 1/2             | .315                | .80°  | .020 | 1    | 8                                                                                   | MS60-AR102R38-16M |  | 1.500              | A   | 2.500 | 1.4                                           | 5.47 | 7600  | MS60-1605.. |
| 4.000 | 1605 | 1 1/2             | .315                | .80°  | .020 | 1    | 11                                                                                  | MS60-AR102R38-16H |  | 1.500              | A   | 2.500 | 1.4                                           | 5.45 | 7600  | MS60-1605.. |

CoroMill® MS60 insert for milling

KRINS 90°



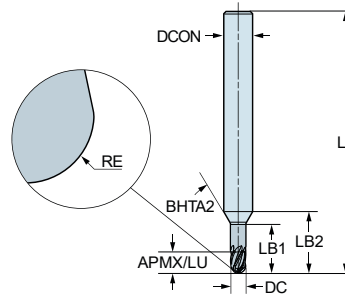
|        |     |      |      | P                |      | M    |      | K    |      | S    |      | Dimensions, mm, inch |      |      |     |      |      |      |      |
|--------|-----|------|------|------------------|------|------|------|------|------|------|------|----------------------|------|------|-----|------|------|------|------|
|        |     | SSC  | RE   | Ordering code    | 1040 | 1130 | 4330 | 1040 | 1130 | 1020 | 3330 | 4330                 | 1040 | 1130 | IC  | LE   | S    | BS   |      |
| Light  | L50 | 1605 | 0.80 | MS60-160508M-L50 | ☆    | ★    | ☆    | ★    | ☆    | ☆    | ☆    | ☆                    | 9    | 6    |     |      | 8.0  | 5.35 | 1.6  |
|        |     |      | .031 |                  |      |      |      |      |      |      |      |                      |      |      |     | .378 | .315 | .211 | .063 |
|        |     |      |      |                  |      |      |      |      |      |      |      |                      |      |      |     |      |      |      |      |
| Medium | M40 | 1605 | 0.80 | MS60-160508M-M40 |      | ★    | ☆    |      | ☆    | ☆    | ★    | ☆                    |      | ☆    | 9.6 | 8.0  | 5.35 | 1.6  |      |
|        |     |      | .031 |                  |      |      |      |      |      |      |      |                      |      |      |     | .378 | .315 | .211 | .063 |
|        |     |      |      |                  |      |      |      |      |      |      |      |                      |      |      |     |      |      |      |      |

# CoroMill® Plura solid carbide ball nose end mill

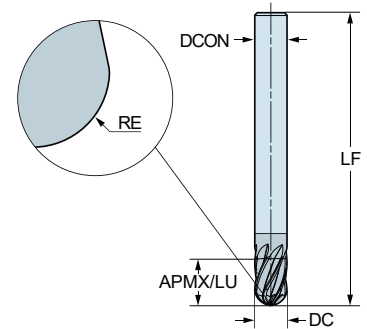
Titanium



FHA  
TCDCON 30°  
h6



30°  
h6



## Metric version

|      |                   |      |                 |      |      |               | P    | M    | S    | Dimensions, mm     |       |                 |
|------|-------------------|------|-----------------|------|------|---------------|------|------|------|--------------------|-------|-----------------|
| DC   | CZC <sub>MS</sub> | APMX | RE <sub>1</sub> | LU   | ZEFP | Ordering code | TZCH | TZCH | TZCH | DCON <sub>MS</sub> | LF    | LB <sub>1</sub> |
| 3.0  | 6                 | 4.5  | 1.50            | 4.5  | 5    | 2B255-0300-TA | ☆    | ☆    | ★    | 6.0                | 57.0  | 10.5            |
| 4.0  | 6                 | 6.0  | 2.00            | 6.0  | 6    | 2B256-0400-TA | ☆    | ☆    | ★    | 6.0                | 57.0  | 13.0            |
| 5.0  | 6                 | 7.5  | 2.50            | 7.5  | 6    | 2B256-0500-TA | ☆    | ☆    | ★    | 6.0                | 57.0  | 16.0            |
| 6.0  | 6                 | 9.0  | 3.00            | 9.0  | 6    | 2B256-0600-TA | ☆    | ☆    | ★    | 6.0                | 57.0  |                 |
| 8.0  | 8                 | 12.0 | 4.00            | 12.0 | 6    | 2B256-0800-TA | ☆    | ☆    | ★    | 8.0                | 63.0  |                 |
| 10.0 | 10                | 15.0 | 5.00            | 15.0 | 6    | 2B256-1000-TA | ☆    | ☆    | ★    | 10.0               | 72.0  |                 |
| 12.0 | 12                | 18.0 | 6.00            | 18.0 | 6    | 2B256-1200-TA | ☆    | ☆    | ★    | 12.0               | 83.0  |                 |
| 16.0 | 16                | 24.0 | 8.00            | 24.0 | 6    | 2B256-1600-TA | ☆    | ☆    | ★    | 16.0               | 92.0  |                 |
| 20.0 | 20                | 30.0 | 10.00           | 30.0 | 6    | 2B256-2000-TA | ☆    | ☆    | ★    | 20.0               | 104.0 |                 |

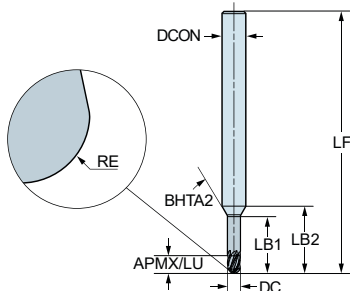
## Inch version

|      |                   |       |                 |       |      |               | P    | M    | S    | Dimensions, inch   |       |                 |
|------|-------------------|-------|-----------------|-------|------|---------------|------|------|------|--------------------|-------|-----------------|
| DC   | CZC <sub>MS</sub> | APMX  | RE <sub>1</sub> | LU    | ZEFP | Ordering code | TZCH | TZCH | TZCH | DCON <sub>MS</sub> | LF    | LB <sub>1</sub> |
| .125 | 1/4               | .188  | .063            | .188  | 5    | 2B255-0318-TA | ☆    | ☆    | ★    | .250               | 2.250 | .438            |
| .188 | 1/4               | .281  | .094            | .281  | 6    | 2B256-0476-TA | ☆    | ☆    | ★    | .250               | 2.250 | .625            |
| .250 | 1/4               | .375  | .125            | .375  | 6    | 2B256-0635-TA | ☆    | ☆    | ★    | .250               | 2.250 |                 |
| .313 | 5/16              | .469  | .156            | .469  | 6    | 2B256-0794-TA | ☆    | ☆    | ★    | .313               | 2.500 |                 |
| .375 | 3/8               | .563  | .188            | .563  | 6    | 2B256-0953-TA | ☆    | ☆    | ★    | .375               | 3.000 |                 |
| .500 | 1/2               | .750  | .250            | .750  | 6    | 2B256-1270-TA | ☆    | ☆    | ★    | .500               | 3.500 |                 |
| .625 | 5/8               | .938  | .313            | .938  | 6    | 2B256-1588-TA | ☆    | ☆    | ★    | .625               | 3.500 |                 |
| .750 | 3/4               | 1.125 | .375            | 1.125 | 6    | 2B256-1905-TA | ☆    | ☆    | ★    | .750               | 4.000 |                 |

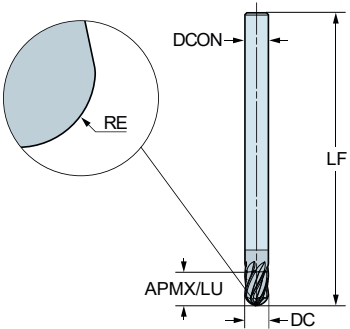
CoroMill® Plura solid carbide ball nose end mill  
Titanium



FHA  
TCD CON 30°  
h6



30°  
h6



Metric version

|      |                   |      |                 |      |      | P             | M    | S    | Dimensions, mm     |       |                 |  |
|------|-------------------|------|-----------------|------|------|---------------|------|------|--------------------|-------|-----------------|--|
|      |                   |      |                 |      |      | T2CH          | T2CH | T2CH |                    |       |                 |  |
| DC   | CZC <sub>MS</sub> | APMX | RE <sub>1</sub> | LU   | ZEFP | Ordering code |      |      | DCON <sub>MS</sub> | LF    | LB <sub>1</sub> |  |
| 3.0  | 6                 | 4.5  | 1.50            | 4.5  | 5    | 2B285-0300-TA | ☆    | ☆    | 6.0                | 70.0  | 15.0            |  |
| 4.0  | 6                 | 6.0  | 2.00            | 6.0  | 6    | 2B286-0400-TA | ☆    | ☆    | 6.0                | 70.0  | 20.0            |  |
| 5.0  | 6                 | 7.5  | 2.50            | 7.5  | 6    | 2B286-0500-TA | ☆    | ☆    | 6.0                | 80.0  | 25.0            |  |
| 6.0  | 6                 | 9.0  | 3.00            | 9.0  | 6    | 2B286-0600-TA | ☆    | ☆    | 6.0                | 80.0  |                 |  |
| 8.0  | 8                 | 12.0 | 4.00            | 12.0 | 6    | 2B286-0800-TA | ☆    | ☆    | 8.0                | 80.0  |                 |  |
| 10.0 | 10                | 15.0 | 5.00            | 15.0 | 6    | 2B286-1000-TA | ☆    | ☆    | 10.0               | 100.0 |                 |  |
| 12.0 | 12                | 18.0 | 6.00            | 18.0 | 6    | 2B286-1200-TA | ☆    | ☆    | 12.0               | 105.0 |                 |  |
| 16.0 | 16                | 24.0 | 8.00            | 24.0 | 6    | 2B286-1600-TA | ☆    | ☆    | 16.0               | 125.0 |                 |  |
| 20.0 | 20                | 30.0 | 10.00           | 30.0 | 6    | 2B286-2000-TA | ☆    | ☆    | 20.0               | 150.0 |                 |  |

Inch version

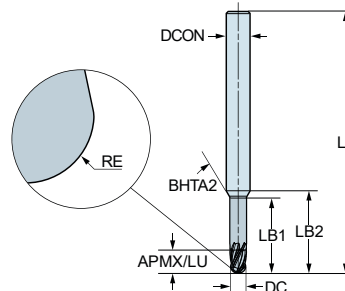
|      |                   |       |                 |       |      | P             | M    | S    | Dimensions, inch   |       |                 |  |
|------|-------------------|-------|-----------------|-------|------|---------------|------|------|--------------------|-------|-----------------|--|
|      |                   |       |                 |       |      | T2CH          | T2CH | T2CH |                    |       |                 |  |
| DC   | CZC <sub>MS</sub> | APMX  | RE <sub>1</sub> | LU    | ZEFP | Ordering code |      |      | DCON <sub>MS</sub> | LF    | LB <sub>1</sub> |  |
| .125 | 1/4               | .188  | .063            | .188  | 5    | 2B285-0318-TA | ☆    | ☆    | .250               | 3.000 | .625            |  |
| .188 | 1/4               | .281  | .094            | .281  | 6    | 2B286-0476-TA | ☆    | ☆    | .250               | 3.000 | 1.000           |  |
| .250 | 1/4               | .375  | .125            | .375  | 6    | 2B286-0635-TA | ☆    | ☆    | .250               | 3.000 |                 |  |
| .313 | 5/16              | .469  | .156            | .469  | 6    | 2B286-0794-TA | ☆    | ☆    | .313               | 3.500 |                 |  |
| .375 | 3/8               | .563  | .188            | .563  | 6    | 2B286-0953-TA | ☆    | ☆    | .375               | 4.000 |                 |  |
| .500 | 1/2               | .750  | .250            | .750  | 6    | 2B286-1270-TA | ☆    | ☆    | .500               | 4.500 |                 |  |
| .625 | 5/8               | .938  | .313            | .938  | 6    | 2B286-1588-TA | ☆    | ☆    | .625               | 5.000 |                 |  |
| .750 | 3/4               | 1.125 | .375            | 1.125 | 6    | 2B286-1905-TA | ☆    | ☆    | .750               | 5.500 |                 |  |

# CoroMill® Plura solid carbide ball nose end mill

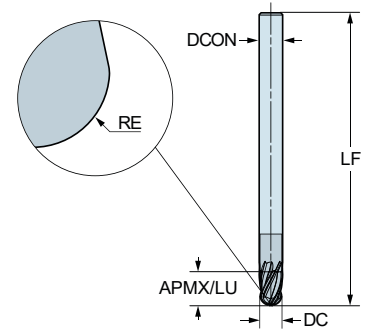
Titanium



FHA  
TCDCON 30°  
h6



30°  
h6



## Metric version

|      |                   |      |                 |      |      |               | P    | M    | S    | Dimensions, mm     |      |                 |
|------|-------------------|------|-----------------|------|------|---------------|------|------|------|--------------------|------|-----------------|
| DC   | CZC <sub>MS</sub> | APMX | RE <sub>1</sub> | LU   | ZEFP | Ordering code | TZCH | TZCH | TZCH | DCON <sub>MS</sub> | LF   | LB <sub>1</sub> |
| 3.0  | 6                 | 4.5  | 1.50            | 4.5  | 4    | 2B284-0300-TA | ☆    | ☆    | ★    | 6.0                | 70.0 | 15.0            |
| 4.0  | 6                 | 6.0  | 2.00            | 6.0  | 4    | 2B284-0400-TA | ☆    | ★    | 6.0  | 70.0               | 20.0 |                 |
| 5.0  | 6                 | 7.5  | 2.50            | 7.5  | 4    | 2B284-0500-TA | ☆    | ★    | 6.0  | 80.0               | 25.0 |                 |
| 6.0  | 6                 | 9.0  | 3.00            | 9.0  | 4    | 2B284-0600-TA | ☆    | ★    | 6.0  | 80.0               |      |                 |
| 8.0  | 8                 | 12.0 | 4.00            | 12.0 | 4    | 2B284-0800-TA | ☆    | ★    | 8.0  | 80.0               |      |                 |
| 10.0 | 10                | 15.0 | 5.00            | 15.0 | 4    | 2B284-1000-TA | ☆    | ★    | 10.0 | 100.0              |      |                 |
| 12.0 | 12                | 18.0 | 6.00            | 18.0 | 4    | 2B284-1200-TA | ☆    | ★    | 12.0 | 105.0              |      |                 |
| 16.0 | 16                | 24.0 | 8.00            | 24.0 | 4    | 2B284-1600-TA | ☆    | ★    | 16.0 | 125.0              |      |                 |
| 20.0 | 20                | 30.0 | 10.00           | 30.0 | 4    | 2B284-2000-TA | ☆    | ★    | 20.0 | 150.0              |      |                 |

## Inch version

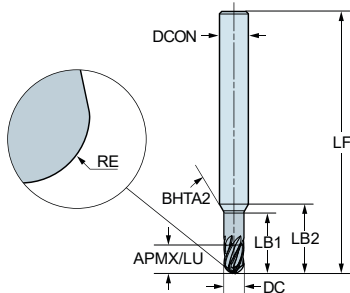
|      |                   |       |                 |       |      |               | P    | M    | S    | Dimensions, inch   |       |                 |
|------|-------------------|-------|-----------------|-------|------|---------------|------|------|------|--------------------|-------|-----------------|
| DC   | CZC <sub>MS</sub> | APMX  | RE <sub>1</sub> | LU    | ZEFP | Ordering code | TZCH | TZCH | TZCH | DCON <sub>MS</sub> | LF    | LB <sub>1</sub> |
| .125 | 1/4               | .188  | .063            | .188  | 4    | 2B284-0318-TA | ☆    | ★    | 250  | 3.000              | .625  |                 |
| .188 | 1/4               | .281  | .094            | .281  | 4    | 2B284-0476-TA | ☆    | ★    | 250  | 3.000              | 1.000 |                 |
| .250 | 1/4               | .375  | .125            | .375  | 4    | 2B284-0635-TA | ☆    | ★    | 250  | 3.000              |       |                 |
| .313 | 5/16              | .469  | .156            | .469  | 4    | 2B284-0794-TA | ☆    | ★    | 313  | 3.500              |       |                 |
| .375 | 3/8               | .563  | .188            | .563  | 4    | 2B284-0953-TA | ☆    | ★    | 375  | 4.000              |       |                 |
| .500 | 1/2               | .750  | .250            | .750  | 4    | 2B284-1270-TA | ☆    | ★    | 500  | 4.500              |       |                 |
| .625 | 5/8               | .938  | .313            | .938  | 4    | 2B284-1588-TA | ☆    | ★    | 625  | 5.000              |       |                 |
| .750 | 3/4               | 1.125 | .375            | 1.125 | 4    | 2B284-1905-TA | ☆    | ★    | 750  | 5.500              |       |                 |

CoroMill® Plura solid carbide ball nose end mill

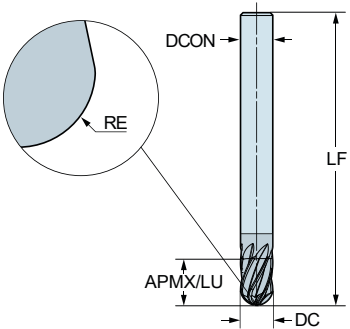
HRSA



FHA  
TCDCON 30°  
h6



30°  
h6



Metric version

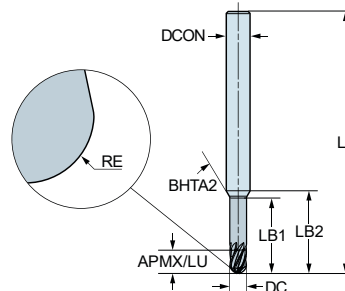
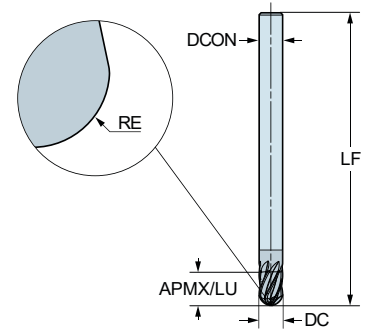
|      |                   |      |                 |      |      | P             | K    | S    | H    | Dimensions, mm     |       |                 |
|------|-------------------|------|-----------------|------|------|---------------|------|------|------|--------------------|-------|-----------------|
|      |                   |      |                 |      |      | R2AH          | R2AH | R2AH | R2AH | DCON <sub>MS</sub> | LF    | LB <sub>1</sub> |
| DC   | CZC <sub>MS</sub> | APMX | RE <sub>1</sub> | LU   | ZEFP | Ordering code |      |      |      |                    |       |                 |
| 3.0  | 6                 | 4.5  | 1.50            | 4.5  | 5    | 2B255-0300-RA |      |      |      | 6.0                | 57.0  | 10.5            |
| 4.0  | 6                 | 6.0  | 2.00            | 6.0  | 6    | 2B256-0400-RA |      |      |      | 6.0                | 57.0  | 13.0            |
| 5.0  | 6                 | 7.5  | 2.50            | 7.5  | 6    | 2B256-0500-RA |      |      |      | 6.0                | 57.0  | 16.0            |
| 6.0  | 6                 | 9.0  | 3.00            | 9.0  | 6    | 2B256-0600-RA |      |      |      | 6.0                | 57.0  |                 |
| 8.0  | 8                 | 12.0 | 4.00            | 12.0 | 6    | 2B256-0800-RA |      |      |      | 8.0                | 63.0  |                 |
| 10.0 | 10                | 15.0 | 5.00            | 15.0 | 6    | 2B256-1000-RA |      |      |      | 10.0               | 72.0  |                 |
| 12.0 | 12                | 18.0 | 6.00            | 18.0 | 6    | 2B256-1200-RA |      |      |      | 12.0               | 83.0  |                 |
| 16.0 | 16                | 24.0 | 8.00            | 24.0 | 6    | 2B256-1600-RA |      |      |      | 16.0               | 92.0  |                 |
| 20.0 | 20                | 30.0 | 10.00           | 30.0 | 6    | 2B256-2000-RA |      |      |      | 20.0               | 104.0 |                 |

Inch version

|      |                   |       |                 |       |      | P             | K    | S    | H    | Dimensions, inch   |       |                 |
|------|-------------------|-------|-----------------|-------|------|---------------|------|------|------|--------------------|-------|-----------------|
|      |                   |       |                 |       |      | R2AH          | R2AH | R2AH | R2AH | DCON <sub>MS</sub> | LF    | LB <sub>1</sub> |
| DC   | CZC <sub>MS</sub> | APMX  | RE <sub>1</sub> | LU    | ZEFP | Ordering code |      |      |      |                    |       |                 |
| .125 | 1/4               | .188  | .063            | .188  | 5    | 2B255-0318-RA |      |      |      | .250               | 2.250 | .438            |
| .188 | 1/4               | .281  | .094            | .281  | 6    | 2B256-0476-RA |      |      |      | .250               | 2.250 | .625            |
| .250 | 1/4               | .375  | .125            | .375  | 6    | 2B256-0635-RA |      |      |      | .250               | 2.250 |                 |
| .313 | 5/16              | .469  | .156            | .469  | 6    | 2B256-0794-RA |      |      |      | .313               | 2.500 |                 |
| .375 | 3/8               | .563  | .188            | .563  | 6    | 2B256-0953-RA |      |      |      | .375               | 3.000 |                 |
| .500 | 1/2               | .750  | .250            | .750  | 6    | 2B256-1270-RA |      |      |      | .500               | 3.500 |                 |
| .625 | 5/8               | .938  | .313            | .938  | 6    | 2B256-1588-RA |      |      |      | .625               | 3.5   |                 |
| .750 | 3/4               | 1.125 | .375            | 1.125 | 6    | 2B256-1905-RA |      |      |      | .750               | 4.000 |                 |

# CoroMill® Plura solid carbide ball nose end mill

HRSA

FHA  
TCDCON 30°  
h630°  
h6

## Metric version

|      |                   |      |                 |      |      |               | P    | K    | S    | H    | Dimensions, mm     |       |                 |
|------|-------------------|------|-----------------|------|------|---------------|------|------|------|------|--------------------|-------|-----------------|
| DC   | CZC <sub>MS</sub> | APMX | RE <sub>1</sub> | LU   | ZEFP | Ordering code | R2AH | R2AH | R2AH | R2AH | DCON <sub>MS</sub> | LF    | LB <sub>1</sub> |
| 3.0  | 6                 | 4.5  | 1.50            | 4.5  | 5    | 2B285-0300-RA | ☆    | ☆    | ★    | ☆    | 6.0                | 70.0  | 15.0            |
| 4.0  | 6                 | 6.0  | 2.00            | 6.0  | 6    | 2B286-0400-RA | ☆    | ☆    | ★    | ☆    | 6.0                | 70.0  | 20.0            |
| 5.0  | 6                 | 7.5  | 2.50            | 7.5  | 6    | 2B286-0500-RA | ☆    | ☆    | ★    | ☆    | 6.0                | 80.0  | 25.0            |
| 6.0  | 6                 | 9.0  | 3.00            | 9.0  | 6    | 2B286-0600-RA | ☆    | ☆    | ★    | ☆    | 6.0                | 80.0  | 0               |
| 8.0  | 8                 | 12.0 | 4.00            | 12.0 | 6    | 2B286-0800-RA | ☆    | ☆    | ★    | ☆    | 8.0                | 80.0  | 0               |
| 10.0 | 10                | 15.0 | 5.00            | 15.0 | 6    | 2B286-1000-RA | ☆    | ☆    | ★    | ☆    | 10.0               | 100.0 | 0               |
| 12.0 | 12                | 18.0 | 6.00            | 18.0 | 6    | 2B286-1200-RA | ☆    | ☆    | ★    | ☆    | 12.0               | 105.0 | 0               |
| 16.0 | 16                | 24.0 | 8.00            | 24.0 | 6    | 2B286-1600-RA | ☆    | ☆    | ★    | ☆    | 16.0               | 125.0 | 0               |
| 20.0 | 20                | 30.0 | 10.00           | 30.0 | 6    | 2B286-2000-RA | ☆    | ☆    | ★    | ☆    | 20.0               | 150.0 | 0               |

## Inch version

|      |                   |       |                 |       |      |               | P    | K    | S    | H    | Dimensions, inch   |       |                 |
|------|-------------------|-------|-----------------|-------|------|---------------|------|------|------|------|--------------------|-------|-----------------|
| DC   | CZC <sub>MS</sub> | APMX  | RE <sub>1</sub> | LU    | ZEFP | Ordering code | R2AH | R2AH | R2AH | R2AH | DCON <sub>MS</sub> | LF    | LB <sub>1</sub> |
| .125 | 1/4               | .188  | .063            | .188  | 5    | 2B285-0318-RA | ☆    | ☆    | ★    | ☆    | 2.50               | 3.000 | .625            |
| .188 | 1/4               | .281  | .094            | .281  | 6    | 2B286-0476-RA | ☆    | ☆    | ★    | ☆    | 2.50               | 3.000 | 1.000           |
| .250 | 1/4               | .375  | .125            | .375  | 6    | 2B286-0635-RA | ☆    | ☆    | ★    | ☆    | 2.50               | 3.000 | 0               |
| .313 | 5/16              | .469  | .156            | .469  | 6    | 2B286-0794-RA | ☆    | ☆    | ★    | ☆    | 3.13               | 3.500 | 0               |
| .375 | 3/8               | .563  | .188            | .563  | 6    | 2B286-0953-RA | ☆    | ☆    | ★    | ☆    | 3.75               | 4.000 | 0               |
| .500 | 1/2               | .750  | .250            | .750  | 6    | 2B286-1270-RA | ☆    | ☆    | ★    | ☆    | 5.00               | 4.500 | 0               |
| .625 | 5/8               | .938  | .313            | .938  | 6    | 2B286-1588-RA | ☆    | ☆    | ★    | ☆    | 6.25               | 5.000 | 0               |
| .750 | 3/4               | 1.125 | .375            | 1.125 | 6    | 2B286-1905-RA | ☆    | ☆    | ★    | ☆    | 7.50               | 5.500 | 0               |

# Turning tool adaptors

## CoroTurn® SL

|                             |     |
|-----------------------------|-----|
| Damped adaptor              | 99  |
| Quick change damped adaptor | 103 |

# Cylindrical shank to CoroTurn® SL damped adaptor



## Metric version

|                   |                   |       |       |      |      |                   | Dimensions, mm     |                    |                 |          |                  |                 |                 |
|-------------------|-------------------|-------|-------|------|------|-------------------|--------------------|--------------------|-----------------|----------|------------------|-----------------|-----------------|
| CZC <sub>MS</sub> | CZC <sub>WS</sub> | OHN   | OHX   | CNSC | CXSC | Ordering code     | DCON <sub>MS</sub> | DCON <sub>WS</sub> | LF <sub>1</sub> | CNT      | <span>BAR</span> | <span>NM</span> | <span>KG</span> |
| 32                | 32                | 100.0 | 192.0 | 1    | 1    | HT30D-CY32 320-32 | 32.0               | 32.0               | 320.0           | G 3/8-19 | 80               | 8.8             | 1.9             |
|                   |                   | 192.0 | 288.0 | 1    | 1    | HT30D-CY32 416-32 | 32.0               | 32.0               | 416.0           | G 3/8-19 | 80               | 8.8             | 2.6             |
| 40                | 40                | 128.0 | 248.0 | 1    | 1    | HT30D-CY40 408-40 | 40.0               | 40.0               | 408.0           | G 1/2-14 | 80               | 17.0            | 4.0             |
|                   |                   | 248.0 | 368.0 | 1    | 1    | HT30D-CY40 528-40 | 40.0               | 40.0               | 528.0           | G 1/2-14 | 80               | 17.0            | 5.2             |

## Inch version

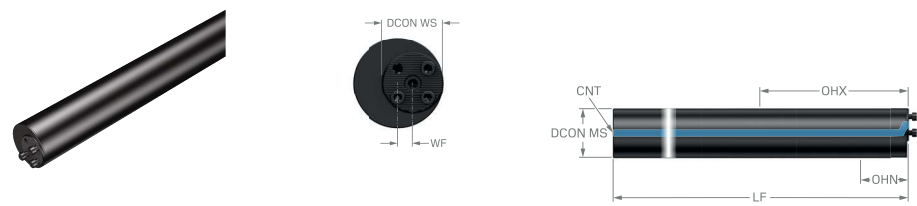
|                   |                   |       |        |      |      |                    | Dimensions, inch   |                    |                 |                 |          |                  |                     |
|-------------------|-------------------|-------|--------|------|------|--------------------|--------------------|--------------------|-----------------|-----------------|----------|------------------|---------------------|
| CZC <sub>MS</sub> | CZC <sub>WS</sub> | OHN   | OHX    | CNSC | CXSC | Ordering code      | DCON <sub>MS</sub> | DCON <sub>WS</sub> | LB <sub>1</sub> | LF <sub>1</sub> | CNT      | <span>PSI</span> | <span>FT/LBS</span> |
| 1 1/4             | 32                | 3.740 | 7.480  | 1    | 1    | HT30D-CYA20 317-32 | 1.250              | 1.260              | 12.480          | 12.480          | G 3/8-19 | 1160             | 6                   |
|                   |                   | 7.480 | 11.221 | 1    | 1    | HT30D-CYA20 412-32 | 1.250              | 1.260              | 16.221          | 16.221          | G 3/8-19 | 1160             | 6                   |



## Inch version

|                   |                   |        |        |      |      |                    | Dimensions, inch   |                    |                 |                 |                 |          |                  |
|-------------------|-------------------|--------|--------|------|------|--------------------|--------------------|--------------------|-----------------|-----------------|-----------------|----------|------------------|
| CZC <sub>MS</sub> | CZC <sub>WS</sub> | OHN    | OHX    | CNSC | CXSC | Ordering code      | DCON <sub>MS</sub> | DCON <sub>WS</sub> | LB <sub>1</sub> | LF <sub>1</sub> | WF <sub>1</sub> | CNT      | <span>PSI</span> |
| 1 3/4             | 40                | 5.787  | 11.024 | 1    | 1    | HT30D-CYA28 457-40 | 1.750              | 1.575              | 4.606           | 17.992          | .088            | G 1/2-14 | 1160             |
|                   |                   | 11.024 | 16.260 | 1    | 1    | HT30D-CYA28 590-40 | 1.750              | 1.575              | 9.331           | 23.228          | .088            | G 1/2-14 | 1160             |

# Cylindrical shank to CoroTurn® SL damped adaptor



## Metric version

|                   |       |       |      | Dimensions, mm    |                    |                    |                 |                 |                 |          |                                                                                   |                                                                                   |                                                                                    |
|-------------------|-------|-------|------|-------------------|--------------------|--------------------|-----------------|-----------------|-----------------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| CZC <sub>MS</sub> | OHX   | OHN   | CNSC | Ordering code     | DCON <sub>MS</sub> | DCON <sub>WS</sub> | BD <sub>I</sub> | LF <sub>I</sub> | WF <sub>I</sub> | CNT      |  |  |  |
| 50                | 318.0 | 168.0 | 1    | HT30D-CY50 518-40 | 50.0               | 40.0               | 50.0            | 518.0           | 5.0             | G 1/2-14 | 80                                                                                | 17.0                                                                              | 7.80                                                                               |
| 50                | 468.0 | 318.0 | 1    | HT30D-CY50 668-40 | 50.0               | 40.0               | 50.0            | 668.0           | 5.0             | G 1/2-14 | 80                                                                                | 17.0                                                                              | 9.86                                                                               |
| 60                | 388.0 | 208.0 | 1    | HT30D-CY60 628-40 | 60.0               | 40.0               | 60.0            | 628.0           | 10.0            | G 3/4-14 | 80                                                                                | 17.0                                                                              | 12.87                                                                              |
| 60                | 568.0 | 388.0 | 1    | HT30D-CY60 808-40 | 60.0               | 40.0               | 60.0            | 808.0           | 10.0            | G 3/4-14 | 80                                                                                | 17.0                                                                              | 16.10                                                                              |
|                   |       |       |      |                   |                    |                    |                 |                 |                 |          |                                                                                   |                                                                                   |                                                                                    |

## Inch version

|                   |       |       |      |                    | Dimensions, inch   |                    |                 |                 |                 |          |                                                                                      |                                                                                       |                                                                                       |  |
|-------------------|-------|-------|------|--------------------|--------------------|--------------------|-----------------|-----------------|-----------------|----------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--|
| CZC <sub>MS</sub> | OHX   | OHN   | CNSC | Ordering code      | DCON <sub>MS</sub> | DCON <sub>WS</sub> | BD <sub>I</sub> | LF <sub>I</sub> | WF <sub>I</sub> | CNT      |  |  |  |  |
| 1 1/2             | 9.252 | 4.764 | 1    | HT30D-CYA24 387-32 | 1.500              | 1.260              | 1.500           | 15.236          | .120            | G 1/2-14 | 1160                                                                                 | 6.5                                                                                   | 6.614                                                                                 |  |
| 1 1/2             | 13.74 | 9.252 | 1    | HT30D-CYA24 501-32 | 1.500              | 1.260              | 1.500           | 19.724          | .120            | G 1/2-14 | 1160                                                                                 | 6.5                                                                                   | 9.700                                                                                 |  |
| 2                 | 12.75 | 6.772 | 1    | HT30D-CYA32 527-40 | 2.000              | 1.575              | 2.000           | 20.748          | .197            | G 1/2-14 | 1160                                                                                 | 12.5                                                                                  | 17.637                                                                                |  |
| 2                 | 18.74 | 12.75 | 1    | HT30D-CYA32 679-40 | 2.000              | 1.575              | 2.000           | 26.732          | .197            | G 1/2-14 | 1160                                                                                 | 12.5                                                                                  | 22.840                                                                                |  |
| 2 1/2             | 16.26 | 8.780 | 1    | HT30D-CYA40 667-40 | 2.500              | 1.575              | 2.500           | 26.260          | .463            | G 3/4-14 | 1160                                                                                 | 12.5                                                                                  | 33.951                                                                                |  |
| 2 1/2             | 23.74 | 16.26 | 1    | HT30D-CYA40 857-40 | 2.500              | 1.575              | 2.500           | 33.740          | .463            | G 3/4-14 | 1160                                                                                 | 12.5                                                                                  | 52.470                                                                                |  |

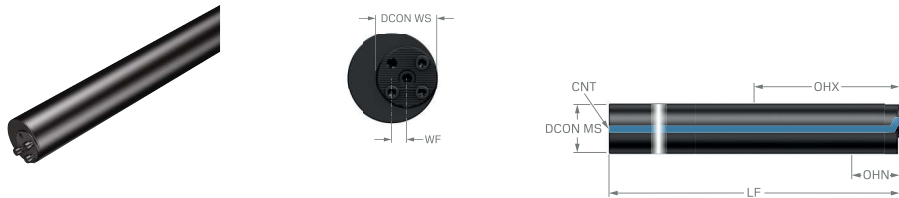
# Cylindrical shank to CoroTurn® SL damped adaptor

For threading and grooving operations



## Metric version

|                   |                   |       |      |      |                   | Dimensions, mm     |                    |                 |          |     |      |     |
|-------------------|-------------------|-------|------|------|-------------------|--------------------|--------------------|-----------------|----------|-----|------|-----|
| CZC <sub>MS</sub> | CZC <sub>WS</sub> | OHX   | CNSC | CXSC | Ordering code     | DCON <sub>MS</sub> | DCON <sub>WS</sub> | LF <sub>1</sub> | CNT      | BAR | NM   | KG  |
| 40                | 40                | 128.0 | 1    | 1    | HT40D-CY40 288-40 | 40.0               | 40.0               | 288.0           | G 1/2-14 | 80  | 17.0 | 2.7 |

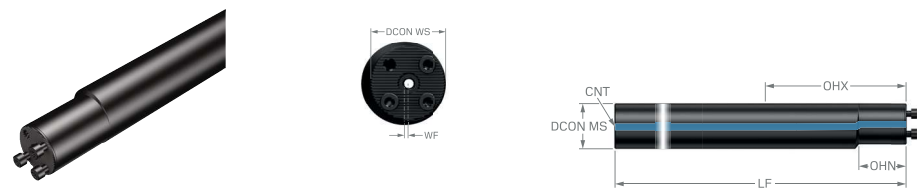


## Metric version

|                   |       |      |                   |                    |                    | Dimensions, mm  |                 |                 |          |     |      |      |
|-------------------|-------|------|-------------------|--------------------|--------------------|-----------------|-----------------|-----------------|----------|-----|------|------|
| CZC <sub>MS</sub> | OHX   | CNSC | Ordering code     | DCON <sub>MS</sub> | DCON <sub>WS</sub> | BD <sub>1</sub> | LF <sub>1</sub> | WF <sub>1</sub> | CNT      | BAR | NM   | KG   |
| 50                | 168.0 | 1    | HT40D-CY50 368-40 | 50.0               | 40.0               | 50.0            | 368.0           | 5.0             | G 1/2-14 | 80  | 17.0 | 5.60 |
| 60                | 208.0 | 1    | HT40D-CY60 448-40 | 60.0               | 40.0               | 60.0            | 448.0           | 10.0            | G 3/4-14 | 80  | 17.0 | 9.50 |
|                   |       |      |                   |                    |                    |                 |                 |                 |          |     |      |      |
|                   |       |      |                   |                    |                    |                 |                 |                 |          |     |      |      |
|                   |       |      |                   |                    |                    |                 |                 |                 |          |     |      |      |

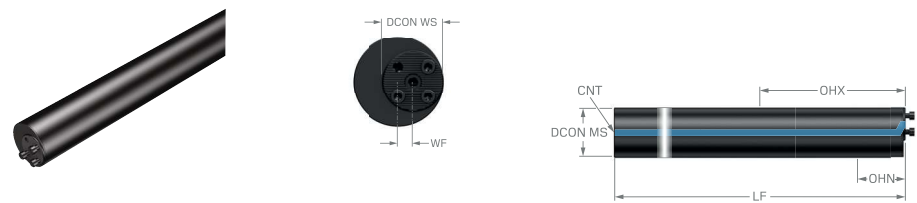
Cylindrical shank to CoroTurn® SL damped adaptor

For threading and grooving operations



Inch version

|                   |                   |       |      |      |                    | Dimensions, inch   |                    |                 |                 |                 |          |      |        |     |  |
|-------------------|-------------------|-------|------|------|--------------------|--------------------|--------------------|-----------------|-----------------|-----------------|----------|------|--------|-----|--|
| CZC <sub>MS</sub> | CZC <sub>WS</sub> | OHX   | CNSC | CXSC | Ordering code      | DCON <sub>MS</sub> | DCON <sub>WS</sub> | LB <sub>1</sub> | LF <sub>1</sub> | WF <sub>1</sub> | CNT      | PSI  | FT/LBS | LBS |  |
| 1 3/4             | 40                | 5.787 | 1    | 1    | HT40D-CYA28 324-40 | 1.750              | 1.575              | 2.047           | 12.756          | .088            | G 1/2-14 | 1160 | 12     | 9.3 |  |



Inch version

|                   |       |      | Dimensions, inch   |                    |                    |                 |                 |                 |          |      |            |        |
|-------------------|-------|------|--------------------|--------------------|--------------------|-----------------|-----------------|-----------------|----------|------|------------|--------|
| CZC <sub>MS</sub> | OHX   | CNSC | Ordering code      | DCON <sub>MS</sub> | DCON <sub>WS</sub> | BD <sub>1</sub> | LF <sub>1</sub> | WF <sub>1</sub> | CNT      | PSI  | FT/<br>LBS | LBS    |
| 1 1/2             | 4.764 | 1    | HT40D-CYA24 273-32 | 1.500              | 1.260              | 1.500           | 10.748          | .120            | G 1/2-14 | 1160 | 6.5        | 5.952  |
| 2                 | 6.772 | 1    | HT40D-CYA32 375-40 | 2.000              | 1.575              | 2.000           | 14.764          | .197            | G 1/2-14 | 1160 | 12.5       | 13.007 |
| 2 1/2             | 8.740 | 1    | HT40D-CYA40 476-40 | 2.500              | 1.575              | 2.500           | 18.740          | .463            | G 3/4-14 | 1160 | 12.5       | 29.101 |
|                   |       |      |                    |                    |                    |                 |                 |                 |          |      |            |        |
|                   |       |      |                    |                    |                    |                 |                 |                 |          |      |            |        |

# Cylindrical shank to CoroTurn® SL quick change damped adaptor



## Metric version

|                   |                   |       |       |      |      |                    | Dimensions, mm     |                    |                 |          |     |      |      |
|-------------------|-------------------|-------|-------|------|------|--------------------|--------------------|--------------------|-----------------|----------|-----|------|------|
| CZC <sub>MS</sub> | CZC <sub>WS</sub> | OHN   | OHX   | CNSC | CXSC | Ordering code      | DCON <sub>MS</sub> | DCON <sub>WS</sub> | LF <sub>1</sub> | CNT      | BAR | NM   | KG   |
| 80                | 80                | 515.0 | 755.0 | 1    | 1    | HT30D-CY80 1075-80 | 80.0               | 80.0               | 1075.0          | G 3/4-14 | 80  | 50.0 | 43.4 |
|                   |                   | 275.0 | 515.0 | 1    | 1    | HT30D-CY80 835-80  | 80.0               | 80.0               | 835.0           | G 3/4-14 | 80  | 50.0 | 31.3 |

## Inch version

|                   |                   |        |        |      |      | Dimensions, inch    |                    |                    |                 |                 |          |      |            |      |  |
|-------------------|-------------------|--------|--------|------|------|---------------------|--------------------|--------------------|-----------------|-----------------|----------|------|------------|------|--|
| CZC <sub>MS</sub> | CZC <sub>WS</sub> | OHN    | OHX    | CNSC | CXSC | Ordering code       | DCON <sub>MS</sub> | DCON <sub>WS</sub> | LB <sub>1</sub> | LF <sub>1</sub> | CNT      | PSI  | FT/<br>LBS | LBS  |  |
| 3                 | 80                | 19.252 | 28.268 | 1    | 1    | HT30D-CYA48 1022-80 | 3.000              | 3.150              | 40.236          | 40.236          | G 3/4-14 | 1160 | 36         | 83.6 |  |
|                   |                   | 10.236 | 19.252 | 1    | 1    | HT30D-CYA48 793-80  | 3.000              | 3.150              | 31.221          | 31.221          | G 3/4-14 | 1160 | 36         | 59.5 |  |

# Cylindrical shank to CoroTurn® SL quick change damped adaptor



## Metric version

|                   |       |       |      |                      | Dimensions, mm     |                    |                 |                 |                 |          |                                                                                   |                                                                                   |                                                                                    |  |
|-------------------|-------|-------|------|----------------------|--------------------|--------------------|-----------------|-----------------|-----------------|----------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--|
| CZC <sub>MS</sub> | OHX   | OHN   | CNSC | Ordering code        | DCON <sub>MS</sub> | DCON <sub>WS</sub> | BD <sub>I</sub> | LF <sub>I</sub> | WF <sub>I</sub> | CNT      |  |  |  |  |
| 100               | 655.0 | 355.0 | 1    | HT30D-CY1001055R/L80 | 100.0              | 80.0               | 100.0           | 1055.0          | 10.0            | G 3/4-14 | 80                                                                                | 50.0                                                                              | 63.00                                                                              |  |
| 100               | 955.0 | 655.0 | 1    | HT30D-CY1001355R/L80 | 100.0              | 80.0               | 100.0           | 1355.0          | 10.0            | G 3/4-14 | 80                                                                                | 50.0                                                                              | 88.00                                                                              |  |
|                   |       |       |      |                      |                    |                    |                 |                 |                 |          |                                                                                   |                                                                                   |                                                                                    |  |
|                   |       |       |      |                      |                    |                    |                 |                 |                 |          |                                                                                   |                                                                                   |                                                                                    |  |
|                   |       |       |      |                      |                    |                    |                 |                 |                 |          |                                                                                   |                                                                                   |                                                                                    |  |
|                   |       |       |      |                      |                    |                    |                 |                 |                 |          |                                                                                   |                                                                                   |                                                                                    |  |

## Inch version

|                   |       |       |      | Dimensions, inch      |                    |                    |                 |                 |                 |          |      |            |        |
|-------------------|-------|-------|------|-----------------------|--------------------|--------------------|-----------------|-----------------|-----------------|----------|------|------------|--------|
| CZC <sub>MS</sub> | OHX   | OHN   | CNSC | Ordering code         | DCON <sub>MS</sub> | DCON <sub>WS</sub> | BD <sub>I</sub> | LF <sub>I</sub> | WF <sub>I</sub> | CNT      | PSI  | FT/<br>LBS | LBS    |
| 4                 | 26.26 | 14.25 | 1    | HT30D-CYA64 1073R/L80 | 4.000              | 3.150              | 4.000           | 42.244          | .394            | G 3/4-14 | 1160 | 36.9       | 146.16 |
| 4                 | 38.22 | 26.22 | 1    | HT30D-CYA64 1377R/L80 | 4.000              | 3.150              | 4.000           | 54.213          | .394            | G 3/4-14 | 1160 | 36.9       | 200.62 |
|                   |       |       |      |                       |                    |                    |                 |                 |                 |          |      |            |        |
|                   |       |       |      |                       |                    |                    |                 |                 |                 |          |      |            |        |
|                   |       |       |      |                       |                    |                    |                 |                 |                 |          |      |            |        |

## Accessories

**Tool status checker for CoroTurn® SL**

106

# Tool status checker for CoroTurn® SL



Ordering code  
SL-TSC-01

**ISO 13399 is an international standard that strives to simplify the exchange of data for cutting tools. You will notice a slight difference through the new parameters and descriptions of each tool.**

For the first time ever, there is a standardized way of describing product data regarding cutting tools. When all tools in the industry share the same parameters and definitions, communicating tool information becomes very straightforward.

### What does this mean to you?

Basically, it means that your systems can talk to ours, as they all speak the same language. Download product data from our web site and use it directly in your CAD/CAM software to assemble tools that you use in production. No need to look for information in catalogues and interpret data from one system to another. Imagine how much time this will save you!

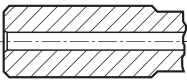
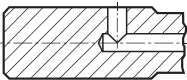
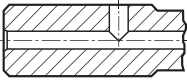
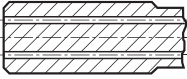
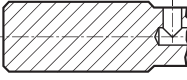
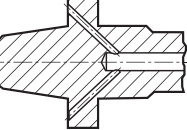
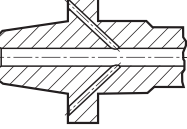
| Short name           | Preferred Name                               |
|----------------------|----------------------------------------------|
| ADJLN                | Minimum adjustment limit                     |
| ADJLX                | Maximum adjustment limit                     |
| ADJRG                | Adjustment range                             |
| ALP                  | Clearance angle axial                        |
| AN                   | Clearance angle major                        |
| ANN                  | Clearance angle minor                        |
| APMX                 | Depth of cut maximum                         |
| APMX_EFW             | Depth of cut maximum - end feed              |
| APMX_FFW             | Depth of cut maximum - side feed             |
| AZ                   | Maximum plunge depth                         |
| B                    | Shank width                                  |
| BAWS                 | Body angle workpiece side                    |
| BAMS                 | Body angle machine side                      |
| BBD                  | Balanced by design                           |
| BBR                  | Balanced by rotational test                  |
| BCH                  | Corner chamfer length                        |
| BD                   | Body diameter                                |
| BHTA                 | Body half taper angle                        |
| BN                   | Face land width                              |
| BS                   | Wiper edge length                            |
| BSG                  | Basic standard group                         |
| BSR                  | Wiper edge radius                            |
| CBMD                 | Chip breaker manufacturer                    |
| CDX                  | Cutting depth maximum                        |
| CEMR                 | Cutting edge major radius                    |
| CF                   | Spot chamfer                                 |
| CHBA                 | Chamfer body angle                           |
| CHBL                 | Chamfer body length                          |
| CHW                  | Corner chamfer width                         |
| CICT                 | Cutting item count                           |
| CICT <sub>BALL</sub> | Cutting item count - Ball nose insert        |
| CICT <sub>E</sub>    | Cutting item count - end position            |
| CICT <sub>P</sub>    | Cutting item count - peripheral position     |
| CICT <sub>S</sub>    | Cutting item count - side position           |
| CICT <sub>SP</sub>   | Cutting item count - Shank protection insert |
| CICT <sub>T</sub>    | Cutting item count - total                   |
| CND                  | Coolant entry diameter                       |
| CNSC                 | Coolant entry style code                     |
| CNT                  | Coolant entry thread size                    |
| COATING              | Coating                                      |
| CP                   | Max coolant pressure                         |
| CRKS                 | Connection retention knob thread size        |
| CRNT                 | Coolant radial entry thread size             |
| CTPT                 | Operation type                               |
| CUTDIA               | Work piece parting diameter maximum          |
| CW                   | Cutting width                                |
| CWN                  | Minimum cutting width                        |
| CWTOLL               | Cutting width lower tolerance                |
| CWTOLU               | Cutting width upper tolerance                |
| CWX                  | Cutting width maximum                        |
| CXSC                 | Coolant exit style code                      |
| CZC                  | Connection size code                         |
| CZC <sub>MS</sub>    | Connection size code machine side            |
| CZC <sub>WS</sub>    | 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                | Axial groove outside diameter maximum                |
| 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                        |
| DCIN                | Cutting diameter internal                            |
| DCN                 | Cutting diameter minimum                             |
| DCON                | Connection diameter                                  |
| DCON <sub>MS</sub>  | Connection diameter machine side                     |
| DCON <sub>WS</sub>  | Connection diameter workpiece side                   |
| DCONN <sub>WS</sub> | Connection diameter minimum workpiece side           |
| DCONX <sub>WS</sub> | Connection diameter maximum workpiece side           |
| DCPS                | Data chip provision size                             |
| DCSF <sub>MS</sub>  | Contact surface diameter machine side                |
| DCSF <sub>WS</sub>  | Contact surface diameter workpiece side              |
| DCX                 | Cutting diameter maximum                             |
| DHUB                | Hub diameter                                         |
| DIX                 | Tool changer interference diameter maximum           |
| DMIN                | Minimum bore diameter                                |
| DMM                 | Shank diameter                                       |
| DN                  | Neck diameter                                        |
| DRVCT               | Drive count                                          |
| DSGN                | Design                                               |
| EPSR                | Insert included angle                                |
| FHA                 | Flute helix angle                                    |
| FLGT                | Flange thickness                                     |
| FTDZ                | For thread diameter size                             |
| GB                  | Face land angle                                      |
| H                   | Shank height                                         |
| HA                  | Thread height theoretical                            |
| HB                  | Thread height difference                             |
| HBH                 | Head bottom offset height                            |
| HC                  | Thread height actual                                 |
| HF                  | Functional height                                    |
| HRY                 | Lowest point from reference plain                    |
| HSUP                | Support height                                       |
| HTB                 | Body height                                          |
| HTH                 | Height                                               |
| IC                  | Inscribed circle diameter                            |
| INSL                | Insert length                                        |
| INSUC               | Insert usage code                                    |
| IZC                 | Insert size code                                     |
| KAPR                | Tool cutting edge angle                              |
| KAPR_EFW            | Tool cutting edge angle - end feed                   |
| KCH                 | Corner chamfer                                       |
| KRINS               | Major cutting edge angle                             |
| KWW                 | Keyway width                                         |
| L                   | Cutting edge length                                  |
| LAMS                | Inclination angle                                    |
| LB                  | Body length                                          |
| LCF                 | Length chip flute                                    |
| LCOX                | Cut off length maximum                               |
| LE                  | Cutting edge effective length                        |
| LF                  | Functional length                                    |
| LFN                 | Minimum functional length                            |
| LH                  | Head length                                          |
| LPR                 | Protruding length                                    |
| LS                  | Shank length                                         |
| LSC                 | Clamping length                                      |
| LSCN                | Clamping length minimum                              |
| LSCS                | Distance to clamping start                           |
| LSCX                | Clamping length maximum                              |
| LSD                 | Dead shank length                                    |
| LU                  | Usable length (max. recommended)                     |
| LU_BFW              | Usable length - back facing                          |
| LUX                 | Usable length maximum                                |
| MHD                 | Mounting hole distance                               |
| MIID                | Master insert identification                         |
| MIID <sub>E</sub>   | Master insert identification - end position          |
| MIID <sub>S</sub>   | Master insert identification - side position         |
| MIID <sub>C</sub>   | Master insert identification - central position      |
| MIID <sub>P</sub>   | Master insert identification - peripheral position   |
| MIID <sub>I</sub>   | Master insert identification - intermediate position |
| MMCC                | Code for preset torque                               |
| MMCX                | Max. cutting torque                                  |
| NOF                 | Flute count                                          |
| NT                  | Tooth count                                          |
| OAH                 | Overall height                                       |
| OAL                 | Overall length                                       |
| OAW                 | Overall width                                        |
| OH                  | Overhang recommended                                 |
| OHN                 | Overhang minimum                                     |

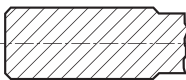
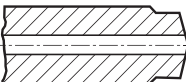
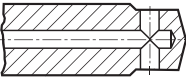
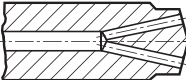
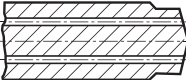
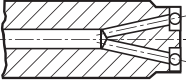
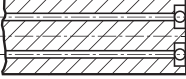
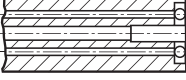
ENG

|                  |                                                |
|------------------|------------------------------------------------|
| OHX              | Overhang maximum                               |
| ORDCODE          | Ordercode                                      |
| PCL              | Peripheral cylindrical length                  |
| PDX              | Profile distance ex                            |
| PDY              | Profile distance ey                            |
| PHD              | Premachined hole diameter                      |
| PHDX             | Maximum premachined hole diameter              |
| PL               | Point length                                   |
| PNA              | Profile included angle                         |
| PRFRAD           | Profile radius                                 |
| PRSPC            | Profile specification                          |
| PSIR             | Tool lead angle                                |
| PSIRL            | Cutting edge angle major left hand             |
| PSIRR            | Cutting edge angle major right hand            |
| PSW              | Premachined slot width                         |
| RADH             | Radial body height                             |
| RADW             | Radial body width                              |
| RAR              | Right hand relief angle                        |
| 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                  |
| RGL              | Regrind length                                 |
| RMPX             | Maximum ramping angle                          |
| RPMX             | Rotational speed maximum                       |
| S                | Insert thickness                               |
| SDL              | Step diameter length                           |
| SIG              | Point angle                                    |
| SPTL             | Splitline                                      |
| SSC              | Insert seat size code                          |
| SSC <sub>E</sub> | Insert seat size code - end position           |
| SSC <sub>P</sub> | Insert seat size code - peripheral position    |
| SSC <sub>S</sub> | Insert seat size code - side position          |
| STA              | Step included angle                            |
| STDNO            | Standard number                                |
| SUBSTRATE        | Substrate                                      |
| TCDC             | Tolerance class cutting diameter               |
| TCDCON           | Connection diameter tolerance                  |
| TCDMM            | Shank diameter tolerance                       |
| TCHA             | Achievable hole tolerance                      |
| TCHAL            | Achievable hole tolerance lower                |
| TCHAU            | Achievable hole tolerance upper                |
| 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                         |
| THFT             | Form type                                      |
| THFTS            | Thread form standard series                    |
| THL              | 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                           |
| TPT              | Thread profile type                            |
| TPX              | Maximum thread pitch                           |
| TRMAX            | Tap range max                                  |
| TQ               | Torque                                         |
| TSYC             | Tool style code                                |
| TTP              | Thread type                                    |
| ULDR             | Usable length diameter ratio                   |
| VCX              | Maximum cutting speed                          |
| W1               | Insert width                                   |
| WB               | Body width                                     |
| WF               | Functional width                               |
| WFCIRP           | Width to cutting item reference point          |
| WSC              | Clamping width                                 |
| WT               | Weight of item                                 |
| ZADJ             | Insert adjustable count                        |
| ZEFF             | Face effective cutting edge count              |
| ZEFP             | Peripheral effective cutting edge count (ZEFP) |
| ZWX              | Maximum number of Wiper inserts                |

**CNSC****Coolant entry style code**

| Code | Description                       | Image                                                                               |
|------|-----------------------------------|-------------------------------------------------------------------------------------|
| 0    | Without coolant                   |    |
| 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 |  |

**CXSC****Coolant exit style code**

| Code | Description                                 | 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 nozzle, adjustable      |  |
| 7    | Decentral over slots on the shank           |  |
| 8    | Axial or decentral with nozzle, adjustable  |  |

# Safety information in connection with grinding of cemented carbide

## Material composition

Most metal products contain tungsten carbide and cobalt. Other substances that may be present in hard metal are titanium carbide, tantalum carbide, niobium carbide, chromium carbide, molybdenum carbide or vanadium carbide. Some grades contain titanium carbonitride and/or nickel.

## Routes of exposure

Grinding or heating of hard metal blanks or hard metal products will produce products that give off dangerous dust and fumes. Avoiding ingestion and contact with skin or eyes is very important.

## Acute toxicity

Intake of the aforementioned substances is toxic. Inhalation may cause irritation and inflammation of the airways. Significantly higher acute inhalation toxicity has been reported during simultaneous inhalation of cobalt and tungsten carbide compared to inhalation of cobalt alone.

Skin contact can cause irritation and rash. Sensitive individuals may even experience an allergic reaction.

## Chronic toxicity

Repeated inhalation of aerosols containing cobalt may cause obstruction of the airways. Prolonged exposure to increased concentrations may cause lung fibrosis or lung cancer. Epidemiological studies indicate that workers previously exposed to high concentrations of tungsten carbide/cobalt carried an increased risk of developing lung cancer.

Cobalt and nickel are potent skin sensitizers. Repeated or prolonged contact can cause irritation and sensitization.

## Risk phrases

Toxic: danger of serious damage to health by prolonged exposure through inhalation

Toxic when inhaled

Limited evidence of a carcinogenic effect.

May cause sensitization by inhalation and skin contact

## Preventive measures

Avoid formation and inhalation of dust. Use adequate local exhaust ventilation to keep personal exposure well below nationally authorised limits.

If ventilation is not available or adequate, use respirators appropriately approved for the purpose.

Use safety goggles or glasses with side shields when necessary.

Avoid repeated skin contact. Wear suitable gloves. Wash skin thoroughly after handling.

Use suitable protective clothing. Launder clothing if needed.

Do not eat, drink or smoke in the working area. Wash skin thoroughly before eating, drinking or smoking.



# For the sake of the environment

Get into the Sandvik Coromant Recycling Concept (CRC) now!

The Sandvik Coromant Recycling Concept (CRC) is a comprehensive service for used carbide inserts and solid carbide tools offered by Sandvik Coromant to all its customers. In the light of increasing consumption of non-renewable raw materials, the economic management of dwindling resources is a duty owed by all manufacturers. Sandvik Coromant is playing its part by offering to collect used carbide inserts and solid carbide tools and recycle them in the most environmentally friendly way. All used carbide inserts are collected in the collection box at the workplace. When the collection box is sufficiently full, its contents are transferred to the transport box. The full transport box is then sent to the nearest Sandvik Coromant office or to your Sandvik Coromant dealer who can also give you more information.

**The benefits of the CRC speak for themselves**

- A worldwide ISO and OHAS certified recycling system.
- Open to all Sandvik Coromant customers.
- Simple procedure with collection and transport boxes.
- Less waste, easing the burden on the environment.
- Better utilisation of resources.
- Other manufacturers' carbide inserts are also accepted.



Order collection boxes for each lathe, milling machine, drill or for your machining centre. We recommend one collection box for inserts and one separate box for solid carbide tools for each cutting workplace. For detailed instructions on how to sell your used cemented carbide, please visit [www.sandvik.coromant.com](http://www.sandvik.coromant.com) and select your market.

|                                                  |               |
|--------------------------------------------------|---------------|
| Collection box:                                  | Order numbers |
| Transport box for solid carbide tools (plywood): | 91617         |
| Transport box inserts (plywood):                 | 92994         |
|                                                  | 92995         |



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