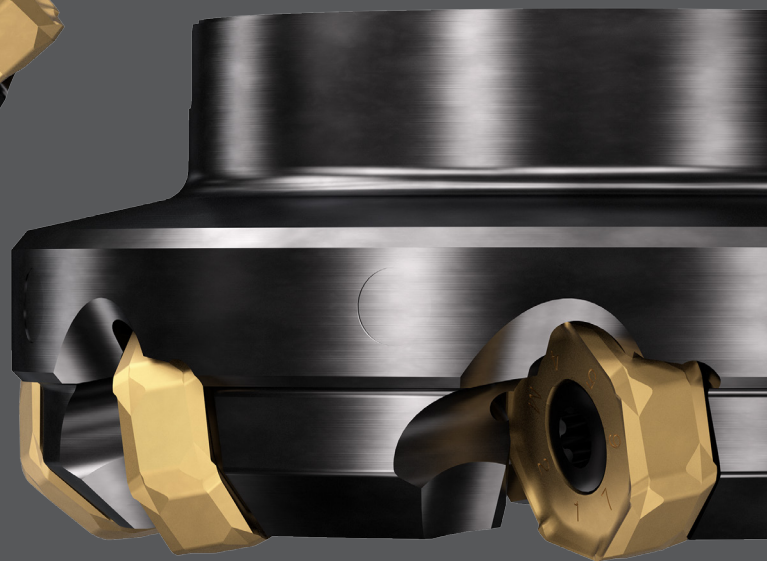
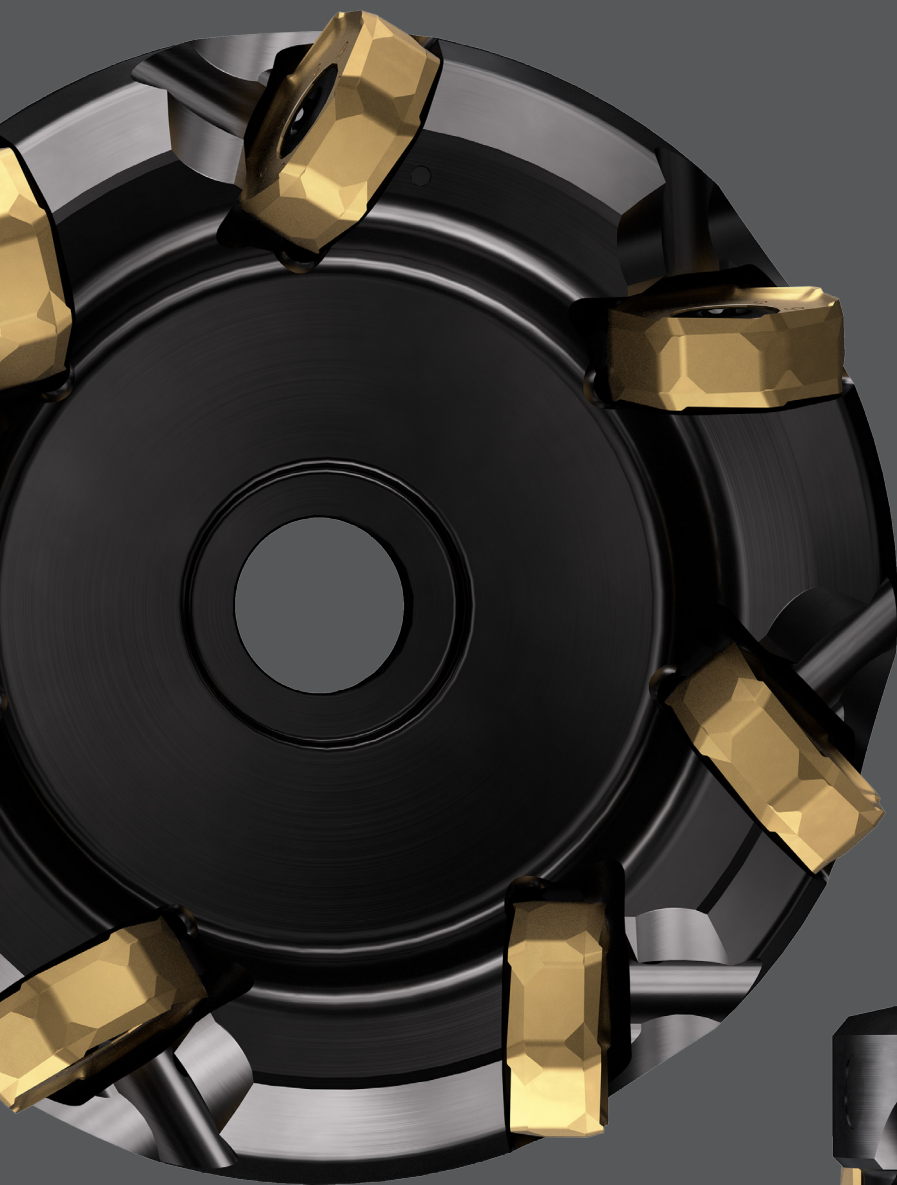


Ordering information

CoroMill® 745



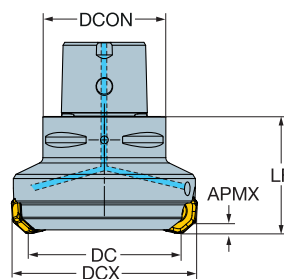
CoroMill® 745 face milling cutter

Coromant Capto®



Internal coolant supply

KAPR

42°



Metric version

| | | | | | | | Dimensions, mm | | | | | | | |
|-------|-----|-------------------|---------------------|------|------|---|----------------|------|-------|------|--|------|------|-----------|
| DC | SSC | CZC _{MS} | APMX _{FRW} | CNSC | ZADJ |  | Ordering code | DCON | DCX | LF |  Kg | RPMX | CICT | MIID |
| 63.0 | 21 | C5 | 5.2 | 3 | 0 | 5 | 745-063C5-21M | 50.0 | 76.9 | 60.0 | 1.20 | 5894 | 5 | 745R-2109 |
| | 21 | C6 | 5.2 | 3 | 0 | 5 | 745-063C6-21M | 63.0 | 76.9 | 60.0 | 1.60 | 5894 | 5 | 745R-2109 |
| 21 | 21 | C5 | 5.2 | 3 | 0 | 7 | 745-063C5-21H | 50.0 | 76.9 | 60.0 | 1.10 | 5894 | 7 | 745R-2109 |
| | 21 | C6 | 5.2 | 3 | 0 | 7 | 745-063C6-21H | 63.0 | 76.9 | 60.0 | 1.50 | 5894 | 7 | 745R-2109 |
| 80.0 | 21 | C6 | 5.2 | 3 | 0 | 6 | 745-080C6-21M | 63.0 | 93.9 | 65.0 | 1.90 | 5324 | 6 | 745R-2109 |
| | 21 | C8 | 5.2 | 3 | 0 | 6 | 745-080C8-21M | 80.0 | 93.9 | 65.0 | 2.90 | 5324 | 6 | 745R-2109 |
| 21 | 21 | C6 | 5.2 | 3 | 0 | 9 | 745-080C6-21H | 63.0 | 93.9 | 60.0 | 1.80 | 5324 | 9 | 745R-2109 |
| | 21 | C8 | 5.2 | 3 | 0 | 9 | 745-080C8-21H | 80.0 | 93.9 | 65.0 | 2.80 | 5324 | 9 | 745R-2109 |
| 100.0 | 21 | C8 | 5.2 | 3 | 0 | 7 | 745-100C8-21M | 80.0 | 113.9 | 80.0 | 3.50 | 4765 | 7 | 745R-2109 |
| | 21 | C8 | 5.2 | 3 | 0 | 11 | 745-100C8-21H | 80.0 | 113.9 | 80.0 | 3.30 | 4765 | 11 | 745R-2109 |

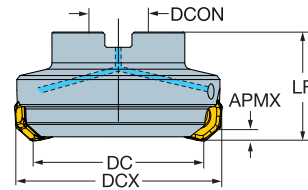
CoroMill® 745 face milling cutter

Arbor




Internal coolant supply

STDNO
KAPR

ISO 6462:2011
42°



Metric version

| | | | | | | | | Dimensions, mm | | | | | | | | | |
|-------|-----|-------------------|---------------------|------|------|---|---|-----------------|------|-----|-------|-------|------|---|------|------|-----------|
| DC | SSC | CZC _{MS} | APMX _{FFW} | CNSC | ZADJ |  |  | Ordering code | DCON | ISO | DBC | DCX | LF |  | RPMX | CICT | MIID |
| 63.0 | 21 | 22 | 5.2 | 3 | 0 | 5 | | 745-063Q22-21M | 22.0 | A | | 76.9 | 50.0 | 0.80 | 5894 | 5 | 745R-2109 |
| | 21 | 22 | 5.2 | 3 | 0 | 5 | 5 | 745-063Q22-21MD | 22.0 | A | | 76.9 | 46.0 | 0.70 | 5324 | 5 | 745R-2109 |
| | 21 | 22 | 5.2 | 3 | 0 | 7 | | 745-063Q22-21H | 22.0 | A | | 76.9 | 50.0 | 0.70 | 5894 | 7 | 745R-2109 |
| 80.0 | 21 | 27 | 5.2 | 3 | 0 | 6 | | 745-080Q27-21M | 27.0 | A | | 93.9 | 50.0 | 1.20 | 5324 | 6 | 745R-2109 |
| | 21 | 27 | 5.2 | 3 | 0 | 6 | 6 | 745-080Q27-21MD | 27.0 | A | | 93.9 | 48.0 | 1.10 | 5324 | 6 | 745R-2109 |
| | 21 | 27 | 5.2 | 3 | 0 | 9 | | 745-080Q27-21H | 27.0 | A | | 93.9 | 50.0 | 1.10 | 5324 | 9 | 745R-2109 |
| 100.0 | 21 | 32 | 5.2 | 3 | 0 | 7 | | 745-100Q32-21M | 32.0 | A | | 113.9 | 63.0 | 1.90 | 4765 | 7 | 745R-2109 |
| | 21 | 32 | 5.2 | 3 | 0 | 7 | 7 | 745-100Q32-21MD | 32.0 | A | | 113.9 | 50.0 | 1.80 | 4765 | 7 | 745R-2109 |
| | 21 | 32 | 5.2 | 3 | 0 | 11 | | 745-100Q32-21H | 32.0 | A | | 113.9 | 63.0 | 1.70 | 4765 | 11 | 745R-2109 |
| 125.0 | 21 | 40 | 5.2 | 3 | 0 | 8 | | 745-125Q40-21M | 40.0 | B | | 138.9 | 63.0 | 3.20 | 4216 | 8 | 745R-2109 |
| | 21 | 40 | 5.2 | 3 | 0 | 8 | 8 | 745-125Q40-21MD | 40.0 | B | | 138.9 | 54.0 | 2.70 | 4216 | 8 | 745R-2109 |
| | 21 | 40 | 5.2 | 3 | 0 | 14 | | 745-125Q40-21H | 40.0 | B | | 138.9 | 63.0 | 2.90 | 4216 | 14 | 745R-2109 |
| 160.0 | 21 | 40 | 5.2 | 3 | 0 | 10 | | 745-160Q40-21M | 40.0 | B | | 173.9 | 63.0 | 4.60 | 3675 | 10 | 745R-2109 |
| | 21 | 40 | 5.2 | 3 | 0 | 10 | 10 | 745-160Q40-21MD | 40.0 | B | | 173.9 | 60.0 | 4.00 | 3675 | 10 | 745R-2109 |
| | 21 | 40 | 5.2 | 3 | 0 | 16 | | 745-160Q40-21H | 40.0 | B | | 173.9 | 63.0 | 4.30 | 3675 | 16 | 745R-2109 |
| 200.0 | 21 | 60 | 5.2 | 0 | 0 | 14 | | 745-200Q60-21M | 60.0 | C | 101.6 | 213.9 | 63.0 | 6.10 | 3292 | 14 | 745R-2109 |
| | 21 | 60 | 5.2 | 0 | 0 | 21 | | 745-200Q60-21H | 60.0 | C | 101.6 | 213.9 | 63.0 | 5.90 | 3292 | 21 | 745R-2109 |
| 250.0 | 21 | 60 | 5.2 | 0 | 0 | 16 | | 745-250Q60-21M | 60.0 | C | 101.6 | 263.9 | 63.0 | 9.40 | 2998 | 16 | 745R-2109 |
| | 21 | 60 | 5.2 | 0 | 0 | 26 | | 745-250Q60-21H | 60.0 | C | 101.6 | 263.9 | 63.0 | 9.00 | 2998 | 26 | 745R-2109 |

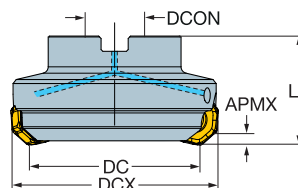
CoroMill® 745 face milling cutter

Arbor

Internal coolant supply

STDNO
KAPR

ISO 6462:2011
42°



Inch version

| | | | | | | | | Dimensions, inch | | | | | | | | | |
|-------|-----|-------------------|---------------------|------|------|----|----|------------------|-------|-----|-------|-------|-------|----------|------|------|-----------|
| DC | SSC | CZC _{MS} | APMX _{FFW} | CNSC | ZADJ | | | Ordering code | DCON | ISO | DBC | DCX | LF | RPMX | CICT | MIID | |
| 2.500 | 21 | 1 | .205 | 3 | 0 | 6 | | A745-063R25-21M | 1.000 | A | | 3.047 | 1.969 | 2.20 | 5875 | 6 | 745R-2109 |
| | 21 | 1 | .205 | 3 | 0 | 6 | 6 | A745-063R25-21MD | 1.000 | A | | 3.047 | 1.811 | 1.76 | 5875 | 6 | 745R-2109 |
| | 21 | 1 | .205 | 3 | 0 | 7 | | A745-063R25-21H | 1.000 | A | | 3.047 | 1.969 | 1.98 | 5875 | 7 | 745R-2109 |
| 3.000 | 21 | 1 | .205 | 3 | 0 | 6 | | A745-076R25-21M | 1.000 | A | | 3.547 | 1.969 | 2.65 | 5443 | 6 | 745R-2109 |
| | 21 | 1 | .205 | 3 | 0 | 6 | 6 | A745-076R25-21MD | 1.000 | B | | 3.547 | 1.969 | 2.42 | 5443 | 6 | 745R-2109 |
| | 21 | 1 | .205 | 3 | 0 | 9 | | A745-076R25-21H | 1.000 | A | | 3.547 | 1.969 | 1.98 | 5443 | 9 | 745R-2109 |
| 4.000 | 21 | 1 1/2 | .205 | 3 | 0 | 7 | | A745-102R38-21M | 1.500 | A | | 4.547 | 2.480 | 5.29 | 4725 | 7 | 745R-2109 |
| | 21 | 1 1/2 | .205 | 3 | 0 | 7 | 7 | A745-102R38-21MD | 1.500 | A | | 4.547 | 2.362 | 4.18 | 4725 | 7 | 745R-2109 |
| | 21 | 1 1/2 | .205 | 3 | 0 | 11 | | A745-102R38-21H | 1.500 | A | | 4.547 | 2.480 | 4.41 | 4725 | 11 | 745R-2109 |
| 5.000 | 21 | 1 1/2 | .205 | 3 | 0 | 8 | | A745-127R38-21M | 1.500 | A | | 5.547 | 2.480 | 7.28 | 4178 | 8 | 745R-2109 |
| | 21 | 1 1/2 | .205 | 3 | 0 | 8 | 8 | A745-127R38-21MD | 1.500 | B | | 5.547 | 2.126 | 5.72 | 4178 | 8 | 745R-2109 |
| | 21 | 1 1/2 | .205 | 3 | 0 | 14 | | A745-127R38-21H | 1.500 | A | | 5.547 | 2.480 | 5.95 | 4178 | 14 | 745R-2109 |
| 6.000 | 21 | 1 1/2 | .205 | 3 | 0 | 10 | | A745-152R38-21M | 1.500 | A | | 6.547 | 2.480 | 9.92 | 3773 | 10 | 745R-2109 |
| | 21 | 1 1/2 | .205 | 3 | 0 | 10 | 10 | A745-152R38-21MD | 1.500 | B | | 6.547 | 2.362 | 7.70 | 3773 | 10 | 745R-2109 |
| | 21 | 1 1/2 | .205 | 3 | 0 | 16 | | A745-152R38-21H | 1.500 | A | | 6.547 | 2.480 | 8.60 | 3773 | 16 | 745R-2109 |
| 8.000 | 21 | 2 1/2 | .205 | 0 | 0 | 14 | | A745-203R63-21M | 2.500 | C | 4.000 | 8.547 | 2.480 | 13.89 | 3296 | 14 | 745R-2109 |
| | 21 | 2 1/2 | .205 | 0 | 0 | 21 | | A745-203R63-21H | 2.500 | C | 4.000 | 8.547 | 2.480 | 12.35 | 3296 | 21 | 745R-2109 |
| 10.00 | 21 | 2 1/2 | .205 | 0 | 0 | 16 | | A745-254R63-21M | 2.500 | C | 4.000 | 10.54 | 2.480 | 20.06 | 2997 | 16 | 745R-2109 |
| | 21 | 2 1/2 | .205 | 0 | 0 | 26 | | A745-254R63-21H | 2.500 | C | 4.000 | 10.54 | 2.480 | 17.86 | 2997 | 26 | 745R-2109 |

CoroMill® 745 face milling cutter

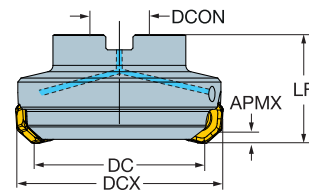
CIS Arbor

Internal coolant supply





KAPR

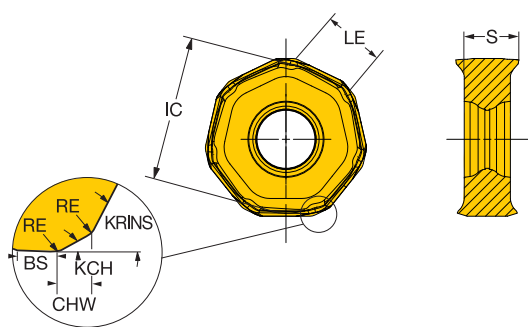
42°



Inch version

| | | | | | | | Dimensions, inch | | | | | | | | |
|-------|-----|-------------------|--------------------|------|------|---|------------------|-------|-------|-------|-------|---|------|------|-----------|
| DC | SSC | CZC _{MS} | APMX _{FW} | CNSC | ZADJ |  | Ordering code | DCON | DBC | DCX | LF |  | RPMX | CICT | MIID |
| 3.150 | 21 | 1 | .205 | 3 | 0 | 6 | A745-080J25-21M | 1.000 | | 3.697 | 1.969 | 2.65 | 5324 | 6 | 745R-2109 |
| | 21 | 1 | .205 | 3 | 0 | 9 | A745-080J25-21H | 1.000 | | 3.697 | 1.969 | 1.98 | 5324 | 9 | 745R-2109 |
| 3.937 | 21 | 1 1/4 | .205 | 3 | 0 | 7 | A745-100J31-21M | 1.250 | | 4.484 | 2.480 | 4.41 | 4765 | 7 | 745R-2109 |
| | 21 | 1 1/4 | .205 | 3 | 0 | 11 | A745-100J31-21H | 1.250 | | 4.484 | 2.480 | 3.53 | 4765 | 11 | 745R-2109 |
| 4.921 | 21 | 1 1/2 | .205 | 3 | 0 | 8 | A745-125J38-21M | 1.500 | | 5.469 | 2.480 | 7.05 | 4216 | 8 | 745R-2109 |
| | 21 | 1 1/2 | .205 | 3 | 0 | 14 | A745-125J38-21H | 1.500 | | 5.469 | 2.480 | 5.73 | 4216 | 14 | 745R-2109 |
| 6.299 | 21 | 2 | .205 | 3 | 0 | 10 | A745-160J51-21M | 2.000 | | 6.846 | 2.480 | 10.36 | 3675 | 10 | 745R-2109 |
| | 21 | 2 | .205 | 3 | 0 | 16 | A745-160J51-21H | 2.000 | | 6.846 | 2.480 | 9.04 | 3675 | 16 | 745R-2109 |
| 7.874 | 21 | 1 7/8 | .205 | 0 | 0 | 14 | A745-200J47-21M | 1.875 | 2.626 | 8.421 | 2.480 | 13.23 | 3292 | 14 | 745R-2109 |
| | 21 | 1 7/8 | .205 | 0 | 0 | 21 | A745-200J47-21H | 1.875 | 2.626 | 8.421 | 2.480 | 11.68 | 3292 | 21 | 745R-2109 |
| 9.843 | 21 | 1 7/8 | .205 | 0 | 0 | 16 | A745-250J47-21M | 1.875 | 2.626 | 10.39 | 2.480 | 19.84 | 2998 | 16 | 745R-2109 |
| | 21 | 1 7/8 | .205 | 0 | 0 | 26 | A745-250J47-21H | 1.875 | 2.626 | 10.39 | 2.480 | 17.64 | 2998 | 26 | 745R-2109 |

CoroMill® 745 insert for milling



| | | | | | P | | | | K | | | | Dimensions, mm, inch | | | | | |
|--------|--|----|------|-----|---------------|------------------|------|------|------|------|------|------|----------------------|-----|--|--|--|--|
| | | RE | KCH | CHW | Ordering code | 4230 | 4230 | K200 | K200 | IC | LE | S | BS | BSR | | | | |
| Medium | | 21 | 1.00 | 17° | 1.3 | 745R-2109E-M30 | ☆ | ☆ | ☆ | 21.0 | 8.9 | 9.00 | 0.3 | 25 | | | | |
| | | | .039 | | .051 | | | | | .827 | .350 | .354 | .012 | 0 | | | | |
| Heavy | | 21 | 1.00 | 17° | 1.3 | 745R/L-2109E-M50 | ☆ | ☆ | ☆ | 21.0 | 8.9 | 9.00 | 0.3 | 25 | | | | |
| | | | .039 | | .051 | | | | | .827 | .350 | .354 | .012 | 0 | | | | |

Feed recommendations

| Geometry | ISO P | | | ISO K | | |
|---------------|---------------------------------|--------------|--------------|---------------------------------|--------------|--------------|
| | Feed per tooth, f_z mm (inch) | | | Feed per tooth, f_z mm (inch) | | |
| | min. | rec. | max. | min. | rec. | max. |
| 745-2109E-M30 | 0.10 (.0039) | 0.20 (.0078) | 0.30 (.0118) | 0.10 (.0039) | 0.20 (.0078) | 0.30 (.0118) |
| 745-2109E-M50 | 0.12 (.0047) | 0.25 (.0098) | 0.42 (.0168) | 0.12 (.0047) | 0.25 (.0098) | 0.42 (.0168) |



