

## Solid carbide torus milling cutter

4 flutes, RockTec 65-coated

**ATORN®**



### Application

Torus milling cutter, extra-long, with short blade for processing materials up to 65 HRC, e.g. for die and mould making.

### Version

- Solid carbide ultra-fine grain
- Cutting edge finish
- HA shank in line with DIN 6535
- With clearance
- Type H
- Chip angle -5° -7°
- RockTec 65-coated
- Radius tolerance = 0/-0.010 mm

### Advantage

- Best chip removal and temperature resistance
- RockTec 65 coating for maximum service life

| Application | Steel (N/mm <sup>2</sup> ) |       |       | Stainless steel |         | Alu   |      | Brass |      | Bronze |      | Plas-tics | Graphite G(C)FK | GG(G) GjMW | Titan-alloy | Nickel-alloy | Super-alloy | Hard mat. |         |
|-------------|----------------------------|-------|-------|-----------------|---------|-------|------|-------|------|--------|------|-----------|-----------------|------------|-------------|--------------|-------------|-----------|---------|
|             | <700                       | <1000 | <1300 | marten.         | austen. | short | long | short | long | short  | long |           |                 |            |             |              |             | <55 HRC   | <65 HRC |
|             |                            | 170   | 155   | 120             |         |       |      |       |      |        |      |           |                 |            |             |              | 80          | 120       |         |

|                                |                   |
|--------------------------------|-------------------|
| <b>Art. No.</b>                | <b>16976 170</b>  |
| <b>Cutting material</b>        | VHM               |
| <b>Surface</b>                 | RockTec 65        |
| <b>Type</b>                    | H                 |
| <b>Number of cutting edges</b> | 4 PCS             |
| <b>Twist angle</b>             | 40°               |
| <b>Tool holding device</b>     | HA parallel shank |
| <b>Overall length</b>          | Extra long        |
| <b>Cutting edge diameter</b>   | 3 mm              |
| <b>Cutting edge length</b>     | 5 mm              |
| <b>Clearance length</b>        | 60 mm             |
| <b>Length</b>                  | 100 mm            |
| <b>Clearance diameter</b>      | 2.8 mm            |
| <b>Shaft diameter</b>          | 6 mm              |
| <b>Edge radius</b>             | 0.3 mm            |
| <b>fz hard 52 HRC</b>          | 0.02 mm           |

### EAN-Code

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