

## Solid carbide radius cutter

2 flutes, ULTRA N coated

**ATORN®**



### Application

Long radius cutter for machining non-ferrous metals.

### Version

- Solid carbide ultra-fine grain
- Straight shank in accordance with DIN 6535 HA
- Defined flute edge rounding
- With clearance
- ZrCN ULTRA N coated
- Radius tolerance = +/- 0.01 mm

| 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 |
|             |                            |       |       |                 |         |       | 425  | 190   | 250  | 170    | 210  | 345       |                 |            |             |              |             |           |         |

|                                |                   |
|--------------------------------|-------------------|
| <b>Art. no.</b>                | <b>16654 205</b>  |
| <b>Cutting material</b>        | VHM               |
| <b>Surface</b>                 | ULTRA N           |
| <b>Type</b>                    | W                 |
| <b>Number of cutting edges</b> | 2 PCS             |
| <b>Twist angle</b>             | 45°               |
| <b>Tool holding device</b>     | HA parallel shank |
| <b>Overall length</b>          | Long              |
| <b>Cutting edge diameter</b>   | 3 mm              |
| <b>Cutting edge length</b>     | 10 mm             |
| <b>Clearance length</b>        | 32 mm             |
| <b>Length</b>                  | 75 mm             |
| <b>Clearance diameter</b>      | 2.9 mm            |
| <b>Shaft diameter</b>          | 3 mm              |
| <b>fz aluminium</b>            | 0.05 mm           |

### EAN-Code

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