

## Thread milling cutter solid carbide TiAlN 2xD (M, MF) straight shank HA

For universal use up to 1500 N/mm<sup>2</sup> in female threads.

**ATORN**<sup>®</sup>



### Application

For producing metric right-hand and left-hand threads on CNC machines in through holes and blind holes in the steel, stainless steel, non-ferrous metals, cast iron and special alloy material groups up to a strength of 1500 N/mm<sup>2</sup>.

### Version

- Thread milling cutters with short thread section

### Advantage

- Innovative cutting geometry and high-quality cemented carbide ensure very high degree of dimensional accuracy, process reliability and chip removal
- Tapping of very small threads from M1 x 0.2 possible

| Application | Steel (N/mm <sup>2</sup> ) |       |       | Stainless steel |         | Alu   |      | Brass |      | Bronze |      | Plastics | 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 |
|             | 90                         | 70    | 60    | 70              | 60      | 140   | 140  | 135   | 135  | 120    | 120  | 135      | 120             | 50         | 30          | 25           | 25          |           |         |

|   |                            |
|---|----------------------------|
| <b>Art. no.</b>                           | <b>13496 918</b>           |
| <b>Cutting material</b>                   | VHM                        |
| <b>Surface</b>                            | TiAlN                      |
| <b>Hole type</b>                          | Clearance/blind hole ≤ 2xD |
| <b>Coolant supply</b>                     | External                   |
| <b>Tool holding device</b>                | HA parallel shank          |
| <b>Cutting edge diameter</b>              | 4.65 mm                    |
| <b>Pitch</b>                              | 1 mm                       |
| <b>Suitable for metric threads from</b>   | M6                         |
| <b>Length</b>                             | 58 mm                      |
| <b>Effective length of thread milling</b> | 14 mm                      |
| <b>Shaft diameter</b>                     | 6 mm                       |
| <b>Number of cutting edges</b>            | 3 PCS                      |
| <b>f steel 1000</b>                       | 0.07 mm/r                  |

### EAN-Code

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