

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

For universal use up to 1500 N/mm² in female threads.

ATORN[®]



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/mm².

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 ²) | | | 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 | | |

| | |
|-------------------------------------------|----------------------------|
| Art. no. | 13496 902 |
| Cutting material | VHM |
| Surface | TiAlN |
| Hole type | Clearance/blind hole ≤ 2xD |
| Coolant supply | External |
| Tool holding device | HA parallel shank |
| Cutting edge diameter | 0.72 mm |
| Pitch | 0.25 mm |
| Suitable for metric threads from | M1 |
| Length | 39 mm |
| Effective length of thread milling | 2.5 mm |
| Shaft diameter | 3 mm |
| Number of cutting edges | 3 PCS |
| f steel 1000 | 0.01 mm/r |

EAN-Code

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