

Multi-range thread milling cutter solid carbide TiAlN (M, MF) without internal cooling 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

- Precision-ground thread milling cutter

Advantage

- Innovative cutting geometry for very high dimensional accuracy, process reliability and chip removal.
- High-performance coating and cemented carbide ensure long service life

| Application | Steel (N/mm ²) | | | 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 |
| | 90 | 80 | | 80 | 60 | | | 160 | 16 | 140 | 140 | 180 | 120 | 70 | | | | | |

| | |
|----------------------------------------------|----------------------------|
| Art. no. | 13496 198 |
| Cutting material | VHM |
| Surface | TiAlN |
| Hole type | Clearance/blind hole ≤ 2xD |
| Coolant supply | External |
| Tool holding device | HA parallel shank |
| Cutting edge diameter | 4 mm |
| Pitch | 1 mm |
| Suitable for metric fine threads from | MF7 |
| Suitable for metric threads from | M6 |
| Length | 58 mm |
| Cutting edge length | 14.5 mm |
| Shaft diameter | 6 mm |
| Number of cutting edges | 3 PCS |
| f steel 1000 | 0.04 mm/r |

EAN-Code

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