

Multi-range thread milling cutter solid carbide TiAlN (M, MF) with axial 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.

| 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 |
| | 120 | 110 | 90 | | 80 | 220 | 240 | | | 180 | 180 | 220 | 150 | 90 | 50 | 40 | 40 | | |

| | |
|--|----------------------------|
| Art. no. | 13496 576 |
| Cutting material | VHM |
| Surface | TiAlN |
| Hole type | Clearance/blind hole ≤ 2xD |
| Coolant supply | Internal |
| Tool holding device | HA parallel shank |
| Cutting edge diameter | 10 mm |
| Pitch | 1 mm |
| Suitable for metric fine threads from | MF12 |
| Length | 73 mm |
| Cutting edge length | 24.5 mm |
| Shaft diameter | 10 mm |
| Number of cutting edges | 4 PCS |
| f steel 1000 | 0.07 mm/r |

EAN-Code

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