

Multi-range thread milling cutter solid carbide TiAlN (BSW) with radial internal cooling straight shank HA

for universal use up to 1500 N/mm² in male and female threads

ATORN[®]



Application

For producing right-hand and left-hand Whitworth 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.

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 392 |
| Cutting material | VHM |
| Surface | TiAlN |
| Coolant supply | Internal radial |
| Tool holding device | HA parallel shank |
| Cutting edge diameter | 10.9 mm |
| Length | 84 mm |
| Cutting edge length | 28.9 mm |
| Shaft diameter | 12 mm |
| Number of cutting edges | 4 PCS |
| f steel 1000 | 0.08 mm/r |

EAN-Code

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