

Screw tap, HSSE V3 M ISO 2 (6H) 40° (right) 376 C

for universal use up to 1200 N/mm²

ATORN[®]



Application

For producing metric threads on CNC machines or conventional machines in **blind holes** in the steel, stainless steel, non-ferrous metals and cast iron material groups up to a strength of 1200 N/mm²

Advantage

- Universal use for maximum flexibility of application
- Innovative cutter geometry ensures high process reliability even in difficult machining conditions

| 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 |
| | 18 | 12 | 6 | 8 | 8 | 8 | 18 | 6 | 16 | 10 | 14 | 15 | | 15 | 3 | 3 | 3 | | |

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| Art. No. | 13218 500 |
| Type | UNI MAX 40 Control |
| Thread type | Metric thread |
| Thread type x nominal diameter | M30 |
| Pitch | 3.5 mm |
| Hole type | Blind hole ≤ 2.5xD |
| Cutting material | HSSE V3 |
| Surface | Vaporised |
| Lead angle shape | C |
| Tolerance of screw taps | ISO 2 (6H) |
| Twist angle | 40° (right) |
| Shaft diameter | 22 mm |
| Application type/machine type | CNC, Conventional |
| Core hole diameter | 26.5 mm |
| Coolant supply | External |
| Length | 180 mm |
| Shank square | 18 mm |
| Cutting speed (steel 1000) suitability | 1 |
| Cutting speed (steel 1300) suitability | 1 |
| Overall stainless steel suitability | 1 |
| fitness not iron total | 2 |
| fitness Titan/Nickel/Super total | 2 |
| Cutting speed (cast) suitability | 1 |
| Cutting speed (hard 55) suitability | 3 |
| Cutting speed (hard 65) suitability | 3 |
| DIN | 376 |

EAN-Code

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