

Thread former HSSE TiCN M ISO 2X (6HX) 0° 376 C

For universal use up to 1300 N/mm²

ATORN[®]



Application

For producing metric threads in through holes and blind holes on CNC or conventional machines in **steel, stainless steel and non-ferrous metals up to a strength of 1500 N/mm²**.

Advantage

- Innovative shape geometry optimised for machining high-strength materials
- High-quality, torsion-resistant HSSE cutting material and surface finish ensure a 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 |
| | 28 | 12 | 10 | | | 30 | 40 | 30 | 40 | 25 | 35 | 30 | | | | | | | |

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|---|----------------------------|
| Art. No. | 13392 380 |
| Surface | TiCN |
| Lead angle shape | C |
| Thread type | Metric thread |
| Thread type x nominal diameter | M18 |
| Pitch | 2.5 mm |
| Cutting material | HSSE |
| Core hole diameter | 16.8 mm |
| Length | 125 mm |
| Hole type | Clearance/blind hole ≤ 3xD |
| Shaft diameter | 14 mm |
| Shank square | 11 mm |
| Coolant supply | External |
| Tolerance of screw taps | ISO 2X (6HX) |
| Application type/machine type | CNC, Conventional |
| Cutting speed (steel 1000) suitability | 1 |
| Cutting speed (steel 1300) suitability | 1 |
| Overall stainless steel suitability | 3 |
| fitness not iron total | 2 |
| Cutting speed (cast) suitability | 3 |
| fitness Titan/Nickel/Super total | 3 |
| Cutting speed (hard 65) suitability | 3 |
| DIN | 376 |

EAN-Code

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