

## Automatic machine reamers, solid carbide

For universal use up to 1300 N/mm<sup>2</sup>

**ATORN**<sup>®</sup>

### Application

For cutting H7 fit tolerances **in through holes** on automated machines and NC machines up to 1300 N/mm<sup>2</sup>.



### Version

- 7-8° left-hand spiral and variable pitch, **type B**

### Advantage

- good bore hole quality (dimensional tolerance, roundness, surface quality)
- short design ensures good accessibility in cramped spaces and stable cutting conditions

| Application | Steel (N/mm <sup>2</sup> ) |       |       | 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                         | 15    | 12    | 10              | 8       | 20    | 20   | 20    | 20   | 18     | 16   | 18        |                 | 12         | 8           | 8            | 6           |           |         |

|                                |                       |
|--------------------------------|-----------------------|
| <b>Art. No.</b>                | <b>11772 640</b>      |
| <b>Cutting material</b>        | VHM                   |
| <b>Tolerance of fit</b>        | H7                    |
| <b>Groove type</b>             | Left-hand twist, 7-8° |
| <b>Tool holding device</b>     | HA parallel shank     |
| <b>Cutting edge diameter</b>   | 4 mm                  |
| <b>Length</b>                  | 56 mm                 |
| <b>Cutting edge length</b>     | 20 mm                 |
| <b>Shaft diameter</b>          | 3.6 mm                |
| <b>Number of cutting edges</b> | 6 PCS                 |
| <b>f steel 1300</b>            | 0.15 mm/r             |
| <b>DIN</b>                     | Similar to 8089       |

### EAN-Code

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