

### High-performance reamer, solid carbide, TiAlN With cast steel geometry for use up to 1300 N/mm<sup>2</sup>



**ATORN**

#### Application

for cutting fit tolerances **in through holes** on modern CNC machines with steady tool and workpiece clamping up to 1300 N/mm<sup>2</sup>.

#### Execution

- 7–8° left-hand spiral, extremely variable pitch and inner cooling, **type B**

#### Advantage

- innovative cutting geometry ensures excellent dimensional accuracy and process reliability for very high cutting parameters
- high-quality solid carbide cutting material and coating ensure a very long service life
- Internal cooling ensures optimum chip removal

#### Notes

Make sure that tools are accurately and tightly clamped (ideally use a hydro-mechanical clamping chuck or precision collet chuck). Note: Please refer to dimension table.



### Technical Data

|                          |                    |
|--------------------------|--------------------|
| Product number           | <b>1013522 104</b> |
| Cutting edge diameter    | 4 mm               |
| Tolerance of fit         | H7                 |
| Length                   | 75 mm              |
| Cutting edge length      | 12 mm              |
| Projecting length        | 36 mm              |
| Shank diameter           | 6 mm               |
| Number of cutting edges  | 4 PCS              |
| f steel 1300             | 0.3 mm/r           |
| Manufacturer Part Number | 12160091           |
| EAN Code                 | 4050293394306      |
| Commodity Code           | 82076030           |



**Hommel Hercules Werkzeughandel GmbH & Co. KG**

Heidelberger Str. 52 | 68519 Viernheim | +49 (0) 6204 739-0 | info@hommel-hercules.com