

Garant
Solid carbide reamer HPC through hole, TiAlN, Nominal Ø DC: 12H7 mm

Order data

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|--------------|---------------|
| Order number | 164350 12H7 |
| GTIN | 4045197644503 |
| Item class | 10N |

Description
Version:

Version suitable for NC with straight shank Ø for standard arbors especially in **hydraulic chucks** or **high precision collet chucks**. This gives **very high concentricity** and **process reliability**. No need to procure special collets. With internal coolant supply for **HPC applications** to reduce manufacturing costs.

Reamers finish ground to match your specifications.

With short flutes and left-hand helix.

Application:

For **HPC/HSM reaming** of **through holes**.

Note:

NEW GENERATION AVAILABLE!

Recommended successor product is No. 164420.

Application for type of drilling: for through holes

Bore Ø tolerance: H7

Number of cutting edges Z: 6

Bore Ø tolerance: H7

Flute length L_c : 20 mm

Overhang L_1 : 71 mm

Overall length L: 120 mm

Number of cutting edges Z: 6

Shank Ø D_s : 12 mm

Technical description

| | |
|---|-------------|
| Feed f in stainless steel < 900 N/mm ² | 0.2 mm/rev. |
| Overhang L_1 | 71 mm |

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|---|--|
| Shank tolerance | h6 |
| Nominal $\varnothing D_c$ | 12 mm |
| Shank $\varnothing D_s$ | 12 mm |
| Overall length L | 120 mm |
| Flute length L_c | 20 mm |
| Number of cutting edges Z | 6 |
| recommended drill \varnothing in INOX < 900 N/mm ² | 11.9 mm |
| Bore \varnothing tolerance | H7 |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Through-coolant | yes, with 25 bar |
| Shank | DIN 6535 HA with h6 |
| Machining strategy | HPC |
| Application for type of drilling | for through holes |
| Colour ring | blue |
| Type of product | Reaming tool with non-detachable cutters |