

Garant

GARANT Master Steel solid carbide high-performance reamer HPC through hole, TiAlN, Nominal Ø DC: 15H7 mm



Order data

| | |
|--------------|---------------|
| Order number | 164420 15H7 |
| GTIN | 4062406282264 |
| Item class | 10P |

Description

Version:

Universal HPC reamers of the latest generation, with improved tooth geometry and advanced carbide substrate.

Extra-short teeth for increased cutting performance values.

Optimised cooling strategy with radially arranged coolant outlets aligned directly to the teeth.

For uncompromising applications in steel and stainless steel.

Reliable machining of high-tensile steels up to 60 HRC.

Version suitable for NC with straight shank Ø for standard arbors especially in **hydraulic chucks** or **high precision collet chucks**.

Very high concentricity and process reliability thanks to unequal spacing of the teeth and special profile of the round chamfer width.

Reamers finish ground to match your specifications.

Version with straight flutes with TiAlN coating.

Application:

Special version for through holes.

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 : 15 mm

Overhang L_1 : 82 mm

Overall length L: 130 mm

Number of cutting edges Z: 6

Shank Ø D_s : 16 mm

Technical description

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| Series | GARANT Master Steel |
| Overhang L_1 | 82 mm |
| Flute length L_c | 15 mm |
| Feed f in steel $< 1100 \text{ N/mm}^2$ | 1.7 mm/rev. |
| Feed f in stainless steel $< 900 \text{ N/mm}^2$ | 0.5 mm/rev. |
| Number of cutting edges Z | 6 |
| Overall length L | 130 mm |
| Nominal $\varnothing D_c$ | 15 mm |
| Shank $\varnothing D_s$ | 16 mm |
| Bore \varnothing tolerance | H7 |
| Hole \varnothing | 14.8 mm |
| 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 | green |
| Type of product | Reaming tool with non-detachable cutters |