

Garant
Solid carbide reamers HPC blind hole, TiAlN, Nominal Ø DC: 5,97 mm

Order data

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|--------------|---------------|
| Order number | 164392 5,97 |
| GTIN | 4045197363510 |
| 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**. For **highest concentricity** and **process reliability**. No need to procure special collets. With internal coolant supply for **HPC applications** to reduce manufacturing costs.

Reamer manufacturing tolerances:

whole number sizes and Ø 0.5: H7 to DIN 1420

1/100 sizes Ø 3.97 – 12.03: +0.004/0

With short, straight flutes.

Application:

For **HPC/HSC reaming** of **blind holes**.

Application for type of drilling: for blind holes

Bore Ø tolerance: 0 / 0.004

Number of cutting edges Z: 4

Bore Ø tolerance: 0 / 0.004

Flute length L_c : 12 mm

Overhang L_1 : 35 mm

Overall length L: 75 mm

Number of cutting edges Z: 4

Shank Ø D_s : 6 mm

Technical description

| | |
|--|-------------|
| Feed f in steel < 1100 N/mm ² | 0.4 mm/rev. |
| Nominal Ø D_c | 5.97 mm |
| Shank tolerance | h6 |

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|---|--|
| Overhang L_1 | 35 mm |
| Shank $\varnothing D_s$ | 6 mm |
| Overall length L | 75 mm |
| Flute length L_c | 12 mm |
| Number of cutting edges Z | 4 |
| recommended drill \varnothing in steel < 1100 N/mm ² | 5.9 mm |
| Bore \varnothing tolerance | 0 / 0.004 |
| Coating | TiAlN |
| Tool material | Solid carbide |
| Standard | Manufacturer's standard |
| Through-coolant | yes |
| Shank | DIN 6535 HA with h6 |
| Machining strategy | HPC |
| Application for type of drilling | for blind holes |
| Colour ring | green |
| Type of product | Reaming tool with non-detachable cutters |