

Garant
Solid carbide reamer HPC through hole, TiAlN, Nominal Ø DC: 6H7 mm

Order data

Order number	164350 6H7
GTIN	4045197645746
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: 4

Bore Ø tolerance: H7

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

Nominal Ø D_c	6 mm
Feed f in stainless steel < 900 N/mm ²	0.06 mm/rev.

Overhang L_1	35 mm
Shank tolerance	h6
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 INOX < 900 N/mm ²	5.9 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