

Garant**Solid carbide reamer HPC through hole, TiAlN, Nominal Ø DC: 12H7mm****Order data**

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

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 $< 900 \text{ N/mm}^2$	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	Phillips bit

User data

	Suitability	V_c	ISO code
INOX $< 900 \text{ N/mm}^2$	suitable	30 m/min	M
INOX $> 900 \text{ N/mm}^2$	suitable	25 m/min	M
Oil	suitable		
wet maximum	suitable		