

**Garant**
**HSS reamer HPC through hole, TiAlN, Nominal  $\varnothing$  DC: 12H7 mm**

**Order data**

Order number	164358 12H7
GTIN	4045197767752
Item class	10N

**Description**
**Version:**

**Version suitable for NC** with straight shank  $\varnothing$  for the standardised toolholder, specially in **hydraulic chucks** or **high-accuracy chucks**.

This ensures **very high concentricity** and **process reliability**.

It is no longer necessary to procure special arbors.

With internal coolant feed for **HPC use** to reduce production costs.

With short, straight flutes.

**Reamers finish ground to match your specifications.**

**Application:**

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

Application for type of drilling: for through holes

Bore  $\varnothing$  tolerance: H7

Number of cutting edges Z: 6

Bore  $\varnothing$  tolerance: H7

Flute length  $L_c$ : 20 mm

Overhang  $L_1$ : 70 mm

Overall length L: 120 mm

Number of cutting edges Z: 6

Shank  $\varnothing$   $D_s$ : 12 mm

**Technical description**

Nominal $\varnothing$ $D_c$	12 mm
Overall length L	120 mm
Number of cutting edges Z	6
Feed f in steel < 1100 N/mm <sup>2</sup>	0.18 mm/rev.

Flute length $L_c$	20 mm
Overhang $L_1$	70 mm
Shank $\varnothing D_s$	12 mm
recommended drill $\varnothing$ in steel < 1100 N/mm <sup>2</sup>	11.9 mm
Bore $\varnothing$ tolerance	H7
Coating	TiAlN
Tool material	HSS
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