

Garant

Solid carbide reamer HPC blind hole, TiAlN, Nominal Ø DC: 10H7mm



Order data

Order number	164351 10H7
GTIN	4045197852984
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, straight flutes.

Application:

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

Note:

NEW GENERATION AVAILABLE!

Recommended successor product is No. 164425.

Application for type of drilling: for blind holes

Bore Ø tolerance: H7

Number of cutting edges Z: 6

Bore Ø tolerance: H7

Flute length L_c : 20 mm

Overhang L_1 : 74 mm

Overall length L: 120 mm

Number of cutting edges Z: 6

Shank Ø D_s : 10 mm

Technical description

Feed f in stainless steel < 900 N/mm ²	0.2 mm/rev.
recommended drill Ø in INOX < 900 N/mm ²	9.9 mm

Flute length L_c	20 mm
Shank $\varnothing D_s$	10 mm
Overhang L_1	74 mm
Overall length L	120 mm
Number of cutting edges Z	6
Nominal $\varnothing D_c$	10 mm
Shank tolerance	h6
Bore \varnothing tolerance	H7
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Through-coolant	yes, with 25 bar
Shank	DIN 6535 HA to h6
Machining strategy	HPC
Application for type of drilling	for blind holes
Colour ring	blue
Type of product	Phillips bit

User data

	Suitability	V_c	ISO code
INOX < 900 N/mm ²	suitable	30 m/min	M
INOX > 900 N/mm ²	suitable	25 m/min	M
Oil	suitable		
wet maximum	suitable		