Garant

HSS high-performance reamer HPC blind hole, TiAlN, Nominal Ø DC: 25H7mm

Order data

Order number	164359 25H7
GTIN	4045197768032
Item class	10N

Description

Version:
Version suitable for NC with straight shank Ø 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.
Tolerance specifications:
Configurable: Reamers finish ground to match your specification.
H7: Version to DIN1420 for H7 bore tolerance.
Application:
For **HPC/HSC reaming** of **blind holes.**

Technical description

Number of cutting edges Z	8
Nominal Ø D_c	25 mm
Overhang L_1	125 mm
Feed f in steel < 1100 N/mm^2	0.3 mm/rev.
Overall length L	180 mm
Shank Ø D_s	20 mm
Flute length L_c	25 mm
Tolerance	H7

Reaming oversize in diameter	0.3 mm
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 blind holes
Colour ring	green
Type of product	Phillips bit

User data

	Suitability	V_c	ISO code
Steel < 750 N/mm²	suitable	45 m/min	P
Steel < 900 N/mm²	suitable	45 m/min	P
Steel < 1100 N/mm²	suitable	35 m/min	P
Steel < 1400 N/mm²	suitable	35 m/min	P
GG	suitable	40 m/min	K
GGG	suitable	30 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		