

Garant**HSS high-performance reamer HPC blind hole, TiAlN, Nominal Ø DC: 6mm****Order data**

Order number	164359 6
GTIN	4045197769770
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

Overhang L_1	39 mm
Shank Ø D_s	8 mm
Number of cutting edges Z	6
Nominal Ø D_c	6 mm
Feed f in steel < 1100 N/mm ²	0.12 mm/rev.
Overall length L	100 mm
Ø range	6 - 6.7 mm
Flute length L_c	16 mm

Tolerance	Configurable
Reaming oversize in diameter	0.1 mm
Configurable qualities	6
Configurable qualities	7
Configurable qualities	8
Configurable qualities	9
Configurable qualities	10
Configurable qualities	11
Configurable qualities	12
Configurable qualities	13
Configurable tolerances	FG
Configurable tolerances	EF
Configurable tolerances	F
Configurable tolerances	C
Configurable tolerances	U
Configurable tolerances	N
Configurable tolerances	D
Configurable tolerances	ZA
Configurable tolerances	I
Configurable tolerances	V
Configurable tolerances	ZC
Configurable tolerances	O
Configurable tolerances	JS
Configurable tolerances	S
Configurable tolerances	Q
Configurable tolerances	B
Configurable tolerances	ZC
Configurable tolerances	L
Configurable tolerances	J

Data sheet

Configurable tolerances	R
Configurable tolerances	M
Configurable tolerances	G
Configurable tolerances	ZB
Configurable tolerances	T
Configurable tolerances	W
Configurable tolerances	P
Configurable tolerances	X
Configurable tolerances	E
Configurable tolerances	H
Configurable tolerances	A
Configurable tolerances	O
Configurable tolerances	Z
Configurable tolerances	CD
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/mm ²	suitable	45 m/min	P
Steel < 900 N/mm ²	suitable	45 m/min	P
Steel < 1100 N/mm ²	suitable	35 m/min	P

Data sheet

Steel < 1400 N/mm ²	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		