Garant

Solid carbide reamer HPC blind hole, TiAlN, Nominal ⌀ DC: 4 mm

Order data

Order number	164351 4
GTIN	4045197852762
Item class	10N

Description

IMPORTANT: item is configurable
⌀ range: 3.7 - 4.2 mm, Intervall: 0,001
Nominal ⌀ D_C: 4 mm
Version:
Version suitable for NC with straight shank ⌀ 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
Number of cutting edges Z: 4
⌀ range: 3.7 - 4.2 mm
Flute length L_c: 12 mm
Overhang L_1: 34 mm
Overall length L: 75 mm
Number of cutting edges Z: 4
Shank ⌀ D_s: 6 mm

Technical description

Shank tolerance	h6

Shank ∅ D_s	6 mm
Feed f in stainless steel < 900 N/mm²	0.06 mm/rev.
Overall length L	75 mm
Flute length L_c	12 mm
∅ range	3.7 - 4.2 mm
Overhang L_1	34 mm
Nominal ∅ D_C	4 mm
Number of cutting edges Z	4
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/mm²	suitable	30 m/min	M
INOX > 900 N/mm²	suitable	25 m/min	M
Oil	suitable		
wet maximum	suitable		