Garant

GARANT Master Titan solid carbide high-performance reamer HPC blind hole, TiAlN, Nominal ⌀ DC: 6,5mm

Order data

Order number	164415 6,5
GTIN	4062406698416
Item class	10P

Description

Version:
Special HPC reamers of the latest generation, for **machining titanium,** with improved tooth geometry and further developed carbide substrate. Extra-short cutting edge for increased cutting performance values. Optimised cooling strategy with radially arranged coolant outlets aligned directly to the teeth.
Version suitable for NC with straight shank dia. for standard arbors especially in **hydraulic chucks** or **high precision collet chucks.** Very high concentricity and process reliability thanks to unequal spacing of the teeth and special profile of the round chamfer width.
Tolerance specifications:
Configurable: Reamers finish ground to match your specification.
Application:
Special version for blind holes.
Note:
Delivery time: 4 weeks.

Technical description

Overall length L	100 mm
Overhang L_1	64 mm
Number of cutting edges Z	6
Nominal ⌀ D_C	6.5 mm
Flute length L_c	10 mm
Tolerance	Configurable

Series	Master Titan
∅ range	6.201 - 6.7 mm
Shank ∅ D_s	8 mm
Feed f in titanium > 850 N/mm^2	0.36 mm/rev.
Reaming oversize in diameter	0.1 mm
Coating	TiAlN
Tool material	Solid carbide
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

User data

	Suitability	V_c	ISO code
Ti > 850 N/mm^2	suitable		
wet maximum	suitable		