Garant

Solid carbide ball nose milling cutter MTC, TiAlN, ∅ f8 DC: 3mm

Order data

Order number	207460 3
GTIN	4045197128751
Item class	11X

Description

Version:
Ball nose slot drills with corrected cutting form, without profile distortion. With double relief ground side clearance angle.
Tolerance: Radius contour = **±0.005 mm.**
Application:
Especially for **MTC (Multi Task Cutting)** use on the new generation of turning / milling centres.
Note:
NEW GENERATION AVAILABLE! Recommended successor product is No. 207492.

Technical description

Feed f_z for copy milling in steel < 900 N/mm^2	0.011 mm
Cutting edge ∅ D_C	3 mm
No. of teeth Z	4
Feed f_z for side milling in steel < 900 N/mm^2	0.009 mm
Shank ∅ D_s	3 mm
Overall length L	75 mm
Flute length L_c	5 mm
Helix angle	45 degrees
Radius R	1.5 mm
Coating	TiAlN
Tool material	Solid carbide

Standard	DIN 6527
Type	N
Tolerance nominal ∅	f8
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.03×D for copy milling
Cutting width a_e for milling operation	0.3×D for side milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Machining strategy	MTC
Colour ring	without
Type of product	Ball-nosed slot drill

User data

	Suitability	V_c	ISO code
Steel < 500 N/mm²	suitable	225 m/min	P
Steel < 750 N/mm²	suitable	210 m/min	P
Steel < 900 N/mm²	suitable	180 m/min	P
Steel < 1100 N/mm²	suitable	145 m/min	P
Steel < 1400 N/mm²	suitable	140 m/min	P
INOX < 900 N/mm²	suitable	85 m/min	M
GG(G)	suitable	350 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable only under restricted conditions		
Air	Suitable only under restricted conditions		