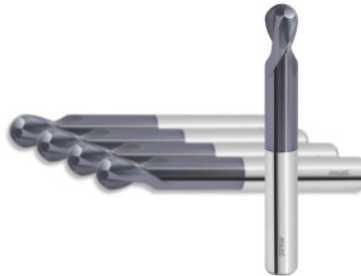



Solid carbide ball nose slot drill, TiAlN, Ø h10 DC: 20mm

Order data

Order number	GG7154 20
GTIN	4062406338541
Item class	GGN

Description

Version:
Same as No. 207154.

Technical description

Helix angle	30 degrees
Shank Ø D _s	20 mm
Overall length L	150 mm
Feed f _z for side milling in steel < 900 N/mm ²	0.12 mm
Flute length L _c	26 mm
Cutting edge Ø D _c	20 mm
Feed f _z for copy milling in steel < 900 N/mm ²	0.135 mm
No. of teeth Z	2
Radius R	10 mm
Contents	5

Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal \varnothing	h10
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Cutting width a_e for milling operation	$0.05 \times D$ for side milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Colour ring	without
Type of product	Ball-nosed slot drill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	350 m/min	N
Alu > 10% Si	suitable only under restricted conditions	250 m/min	N
Steel < 500 N/mm ²	suitable only under restricted conditions	160 m/min	P
Steel < 750 N/mm ²	suitable only under restricted conditions	140 m/min	P
Steel < 900 N/mm ²	suitable	130 m/min	P
Steel < 1100 N/mm ²	suitable	80 m/min	P
Steel < 1400 N/mm ²	suitable only under restricted conditions	70 m/min	P
Steel < 55 HRC	suitable only under restricted conditions	50 m/min	H
INOX < 900 N/mm ²	suitable	80 m/min	M

INOX > 900 N/mm ²	suitable only under restricted conditions	70 m/min	M
GG(G)	suitable	120 m/min	K
CuZn	suitable only under restricted conditions	320 m/min	N
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable only under restricted conditions		
Air	suitable only under restricted conditions		

Services

Shank grinding Type HB

129100 HB

Accessories

Solid carbide ball nose slot drill Ø h10 DC 20 mm

207154 20