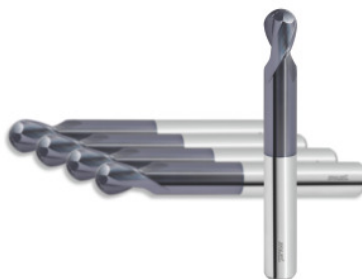



**Solid carbide ball nose slot drill, TiAlN, Ø h10 DC: 5mm**

**Order data**

Order number	GG7154 5
GTIN	4062406336981
Item class	GGN

**Description**

**Version:**  
Same as No. 207154.

**Technical description**

Helix angle	30 degrees
Cutting edge Ø D <sub>c</sub>	5 mm
No. of teeth Z	2
Overall length L	75 mm
Flute length L <sub>c</sub>	9 mm
Shank Ø D <sub>s</sub>	5 mm
Feed f <sub>z</sub> for copy milling in steel < 900 N/mm <sup>2</sup>	0.025 mm
Feed f <sub>z</sub> for side milling in steel < 900 N/mm <sup>2</sup>	0.023 mm
Radius R	2.5 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 1xD
Cutting width $a_e$ for milling operation	0.05xD 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 <sup>2</sup>	suitable only under restricted conditions	160 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable only under restricted conditions	140 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	130 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	80 m/min	P
Steel < 1400 N/mm <sup>2</sup>	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 <sup>2</sup>	suitable	80 m/min	M

INOX > 900 N/mm <sup>2</sup>	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		

## Accessories

Solid carbide ball nose slot drill Ø h10 DC 5 mm

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