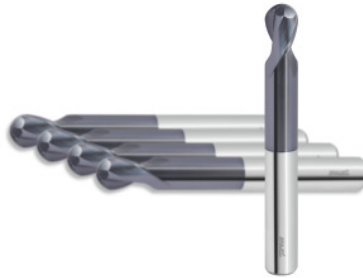


**Solid carbide ball nose slot drill, TiAlN,  $\varnothing$  h10 DC: 6mm****Order data**

Order number	GG7154 6
GTIN	4062406336998
Item class	GGN

**Description**

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

**Technical description**

Overall length L	100 mm
Cutting edge $\varnothing D_c$	6 mm
No. of teeth Z	2
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.033 mm
Helix angle	30 degrees
Feed $f_z$ for copy milling in steel < 900 N/mm <sup>2</sup>	0.037 mm
Shank $\varnothing D_s$	6 mm
Flute length $L_c$	10 mm
Radius R	3 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		

### Services

Shank grinding Type HB

129100 HB

### Accessories

Solid carbide ball nose slot drill Ø h10 DC 6 mm

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