

**Value pack solid carbide ball nose slot drill, 5 pieces****Order data**

Order number	GG1125 1,8
GTIN	4045197909343
Item class	GGN

Description

Version:
Same as No. 207125.

Technical description

No. of teeth Z	2
Cutting edge $\varnothing D_c$	1.8 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.006 mm
Feed f_z for copy milling in steel $< 900 \text{ N/mm}^2$	0.006 mm
Flute length L_c	5 mm
Overall length L	50 mm
Shank $\varnothing D_s$	6 mm
Helix angle	30 degrees
Radius R	0.9 mm
Contents	5
Coating	TiAlN

Data sheet

Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal Ø	h10
Direction of infeed	horizontal, oblique and vertical
Cutting width a_e for milling operation	0.5×D for side milling
Cutting width a_e for milling operation	0.05×D for copy milling
Shank	DIN 6535 HA to h6
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	160 m/min	P
Steel < 750 N/mm ²	suitable	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	70 m/min	P
Steel < 55 HRC	suitable	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

Suitable products

<https://www.hoffmann-group.com/GB/en/hom/p/GG1125-1,8>