


Solid carbide ball nose slot drill, TiAlN, \varnothing h10 DC: 10mm

Order data

Order number	207155 10
GTIN	4045197126580
Item class	12X

Technical description

Cutting edge $\varnothing D_c$	10 mm
Feed f_z for copy milling in steel $< 900 \text{ N/mm}^2$	0.068 mm
No. of teeth Z	2
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.06 mm
Shank $\varnothing D_s$	10 mm
Overall length L	100 mm
Flute length L_c	14 mm
Helix angle	30 degrees
Radius R	5 mm
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	0.5xD for side milling
Cutting width a_e for milling operation	0.05xD for copy 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 < 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