


Solid carbide slot drill, TiAlN, Ø DC: 5mm

Order data

Order number	201650 5
GTIN	4045197113580
Item class	12X

Description
Version:
Eccentric relief ground for stronger cutting edges.

Dimensions similar to DIN 6527.

Technical description

Cutting edge Ø D _c	5 mm
Feed f _z for side milling in steel < 750 N/mm ²	0.023 mm
Feed f _z for slot milling in steel < 750 N/mm ²	0.02 mm
Corner chamfer width at 45°	0.1 mm
No. of teeth Z	2
Shank Ø D _s	6 mm
Overall length L	57 mm
Flute length L _c	13 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Tolerance nominal Ø	h10
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Coating	TiAlN

Tool material	Solid carbide
Standard	DIN 6527
Type	N
Cutting width a_e for milling operation	0.5×D for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Colour ring	green
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	280 m/min	N
Alu > 10% Si	suitable only under restricted conditions	200 m/min	N
Steel < 500 N/mm ²	suitable	120 m/min	P
Steel < 750 N/mm ²	suitable	105 m/min	P
Steel < 900 N/mm ²	suitable	100 m/min	P
INOX < 900 N/mm ²	suitable	80 m/min	M
INOX > 900 N/mm ²	suitable	60 m/min	M
GG(G)	suitable only under restricted conditions	90 m/min	K
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