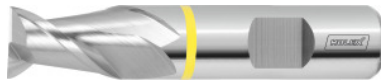



Solid carbide slot drill DIN 6535 HB, uncoated, Ø DC: 6mm

Order data

Order number	201200 6
GTIN	4045197112248
Item class	12X

Description
Version:

Stronger cutting edges.
Dimensions similar to DIN 6527.

Technical description

Feed f_z for slot milling in short-chipping aluminium	0.025 mm
No. of teeth Z	2
Feed f_z for side milling in short-chipping aluminium	0.03 mm
Cutting edge $\varnothing D_c$	6 mm
Corner chamfer width at 45°	0.1 mm
Shank $\varnothing D_s$	6 mm
Overall length L	54 mm
Flute length L_c	10 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal \varnothing	h10
Helix angle	45 degrees
Corner chamfer angle	45 degrees
Coating	uncoated

Tool material	Solid carbide
Standard	DIN 6527
Type	W
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	yellow
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Aluminium	Suitable	180 m/min	N
Aluminium (short chipping)	suitable	140 m/min	N
Alu > 10% Si	suitable	105 m/min	N
PMMA acrylic	Suitable	180 m/min	N
PE-HD	Suitable	130 m/min	N
PA 66	Suitable	150 m/min	N
PEEK	Suitable	130 m/min	N
PF 31	Suitable	110 m/min	N
Honeycomb sandwich	suitable only under restricted conditions	180 m/min	N
Cu	Suitable	140 m/min	N
CuZn	Suitable	180 m/min	N
wet maximum	suitable		
wet minimum	suitable		
dry	suitable only under restricted conditions		
Air	suitable		

