


Solid carbide slot drill DIN 6535 HB, uncoated, Ø DC: 4mm

Order data

Order number	201280 4
GTIN	4045197112460
Item class	12X

Description
Version:

Stronger cutting edges.

Dimensions similar to DIN 6527.

Through-coolant: no

Tolerance nominal Ø: h10

No. of teeth Z: 2

Helix angle: 45 °

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HB to h6

No. of teeth Z: 2

Flute length L_c : 11 mm

Overall length L: 57 mm

Shank Ø D_s : 6 mm

Corner chamfer width at 45°: 0.1 mm

Feed f_z for slot milling in short-chipping aluminium: 0.015 mm

Technical description

No. of teeth Z	2
Cutting edge Ø D_c	4 mm
Corner chamfer width at 45°	0.1 mm
Feed f_z for slot milling in short-chipping aluminium	0.015 mm
Feed f_z for side milling in short-chipping aluminium	0.02 mm
Shank Ø D_s	6 mm

Overall length L	57 mm
Flute length L _c	11 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6
Tolerance nominal Ø	h10
Helix angle	45 °
Corner chamfer angle	45 °
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		