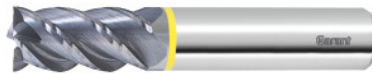


Garant
Solid carbide milling cutter DIN 6535 HA, uncoated, Ø DC: 6mm


Order data

Order number	202480 6
GTIN	4045197117113
Item class	11X

Description

Version:

Extra sharp cutting edges.

Dimensions similar to DIN 6527.

Double relief ground side clearance angle.

Technical description

Overhang length L_1 incl. recess	21 mm
Feed f_z for side milling in short-chipping aluminium	0.03 mm
Feed f_z for slot milling in short-chipping aluminium	0.025 mm
No. of teeth Z	4
Cutting edge $\varnothing D_c$	6 mm
Recess $\varnothing D_1$	5.8 mm
Shank $\varnothing D_s$	6 mm
Overall length L	57 mm
Flute length L_c	16 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Tolerance nominal \varnothing	h6
Helix angle	38 degrees

Corner chamfer angle	90 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 only under restricted conditions		

dry	suitable only under restricted conditions
Air	suitable only under restricted conditions
Services	
Shank grinding Type HB	129100 HB