

Garant
Solid carbide milling cutter, uncoated, \varnothing h10 DC: 5mm

Order data

Order number	201043 5
GTIN	4045197746160
Item class	11X

Description
Version:

Large flutes for unobstructed swarf evacuation.

Special geometry **for machining aluminium.**

Application:

Especially for milling **aluminium, plunging** and **contour milling.**

Technical description

Overall length L	75 mm
Feed f_z for slot milling in short-chipping aluminium	0.015 mm
Shank $\varnothing D_s$	5 mm
No. of teeth Z	1
Flute length L_c	25 mm
Cutting edge $\varnothing D_c$	5 mm
Shank	DIN 6535 HA to h6
Tolerance nominal \varnothing	h10
Direction of infeed	horizontal, oblique and vertical
Helix angle	26 degrees
Corner chamfer angle	90 degrees
Coating	uncoated
Tool material	solid carbide

Standard	Manufacturer's standard
Type	W
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Through-coolant	no
Colour ring	yellow
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Aluminium	Suitable	170 m/min	N
Aluminium (short chipping)	suitable	125 m/min	N
Alu > 10% Si	suitable	100 m/min	N
PMMA acrylic	Suitable	170 m/min	N
PE-HD	Suitable	120 m/min	N
PA 66	Suitable	140 m/min	N
PEEK	Suitable	120 m/min	N
PF 31	Suitable	100 m/min	N
Honeycomb sandwich	suitable only under restricted conditions	170 m/min	N
Cu	Suitable	130 m/min	N
CuZn	Suitable	160 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		

