

Garant
Solid carbide slot drill, uncoated, Ø h10 DC: 4mm

Order data

Order number	201040 4
GTIN	4045197111869
Item class	11X

Description
Version:

Large flutes for unobstructed swarf evacuation.

Special geometry for aluminium machining.

Application:

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

Technical description

No. of teeth Z	1
Feed f_z for slot milling in short-chipping aluminium	0.015 mm
Cutting edge $\varnothing D_c$	4 mm
Shank $\varnothing D_s$	4 mm
Overall length L	60 mm
Flute length L_c	15 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Tolerance nominal \varnothing	h10
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	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		

