



Solid carbide roughing end mill HPC, uncoated, Ø e8 DC: 4mm



Order data

Order number	205260 4
GTIN	4062406122430
Item class	12X

Description

Version:

For roughing.
Special profile for machining non-ferrous metals.

Technical description

Flute length L_c	8 mm
Overall length L	57 mm
Helix angle	45 degrees
Direction of infeed	horizontal, oblique and vertical
Tolerance nominal \varnothing	e8
Shank	DIN 6535 HA to h6
Feed f_z for slot milling in short-chipping aluminium	0.04 mm
Shank $\varnothing D_s$	6 mm
Feed f_z for side milling in short-chipping aluminium	0.06 mm
Cutting edge $\varnothing D_c$	4 mm
No. of teeth Z	3
Corner rounding r_v	0.1 mm
Coating	uncoated
Tool material	Solid carbide

Standard	DIN 6527
Milling profile	WR
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
Machining strategy	HPC
Colour ring	yellow
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Aluminium	Suitable	300 m/min	N
Aluminium (short chipping)	suitable	280 m/min	N
Alu > 10% Si	suitable only under restricted conditions	200 m/min	N
PA 66	suitable only under restricted conditions	120 m/min	N
PEEK	suitable only under restricted conditions	100 m/min	N
Cu	Suitable	80 m/min	N
CuZn	Suitable	100 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
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