



Solid carbide roughing end mill HPC, uncoated, Ø e8 DC: 16mm



Order data

Order number	205260 16
GTIN	4062406122508
Item class	12X

Description

Version:

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

Technical description

Feed f_z for slot milling in short-chipping aluminium	0.2 mm
Tolerance nominal Ø	e8
Helix angle	45 degrees
Overhang length L_1 incl. recess	42 mm
Flute length L_c	31 mm
Overall length L	92 mm
No. of teeth Z	3
Direction of infeed	horizontal, oblique and vertical
Cutting edge Ø D_c	16 mm
Recess Ø D_1	15 mm
Feed f_z for side milling in short-chipping aluminium	0.22 mm
Shank	DIN 6535 HA to h6
Shank Ø D_s	16 mm
Corner rounding r_v	0.32 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