


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

Order data

Order number	205270 16
GTIN	4062406122669
Item class	12X

Description
Version:

For roughing.

Special profile for machining non-ferrous metals.

Tolerance nominal Ø: e8

No. of teeth Z: 3

Helix angle: 45 degrees

Direction of infeed: horizontal, oblique and vertical

Shank: DIN 6535 HA to h6

No. of teeth Z: 3

Flute length L_c : 48 mm

Overhang length L_1 incl. recess: 58 mm

Recess Ø D_1 : 15 mm

Overall length L: 108 mm

Shank Ø D_s : 16 mm

Technical description

Tolerance nominal Ø	e8
No. of teeth Z	3
Feed f_z for slot milling in short-chipping aluminium	0.2 mm
Recess Ø D_1	15 mm
Feed f_z for side milling in short-chipping aluminium	0.22 mm
Overall length L	108 mm
Direction of infeed	horizontal, oblique and vertical

Overhang length L_1 incl. recess	58 mm
Shank $\varnothing D_s$	16 mm
Shank	DIN 6535 HA to h6
Flute length L_c	48 mm
Cutting edge $\varnothing D_c$	16 mm
Helix angle	45 degrees
Corner rounding r_v	0.32 mm
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Milling profile	WR
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Cutting width a_e for milling operation	$0.5 \times D$ for side milling
Through-coolant	no
Machining strategy	HPC
Colour ring	yellow
Type of product	End mill

Services

Shank grinding Type HB	129100 HB
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