

**Solid carbide roughing end mill HPC, uncoated, Ø d11 DC: 20 mm****Order data**

Order number	205260 20
GTIN	4062406122522
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 : 41 mm
Overhang length L_1 incl. recess: 52 mm
Recess Ø D_1 : 19 mm
Overall length L: 104 mm
Shank Ø D_s : 20 mm

Technical description

Cutting edge Ø D_c	20 mm
Helix angle	45 degrees
Direction of infeed	horizontal, oblique and vertical
Recess Ø D_1	19 mm
Overhang length L_1 incl. recess	52 mm
Tolerance nominal Ø	e8

No. of teeth Z	3
Feed f_z for side milling in short-chipping aluminium	0.28 mm
Shank	DIN 6535 HA to h6
Feed f_z for slot milling in short-chipping aluminium	0.25 mm
Flute length L_c	41 mm
Shank $\varnothing D_s$	20 mm
Overall length L	104 mm
Corner rounding r_v	0.5 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 mill

Services

Shank grinding Type HB	129100 HB
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