

Garant

**Solid carbide roughing end mill with internal coolant supply, uncoated, Ø d11
DC: 10mm**



Order data

Order number	205335 10
GTIN	4045197645807
Item class	11X

Description

Version:**Dimensions similar to DIN 6527.****Knuckle form profile.****Special profile for machining non-ferrous metals.****With through-coolant.**

Technical description

Overhang length L_1 incl. recess	32 mm
Recess Ø D_1	9.8 mm
Corner chamfer width at 45°	0.55 mm
No. of teeth Z	3
Feed f_z for side milling in short-chipping aluminium	0.09 mm
Feed f_z for slot milling in short-chipping aluminium	0.07 mm
Cutting edge Ø D_c	10 mm
Shank Ø D_s	10 mm
Overall length L	72 mm
Flute length L_c	22 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6

Tolerance nominal Ø	d11
Helix angle	30 degrees
Corner chamfer angle	45 degrees
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
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	yes
Colour ring	yellow
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Aluminium	Suitable	270 m/min	N
Aluminium (short chipping)	suitable	250 m/min	N
Alu > 10% Si	suitable only under restricted conditions	180 m/min	N
Cu	Suitable	80 m/min	N
CuZn	Suitable	100 m/min	N
wet maximum	suitable		
Air	Suitable only under restricted conditions		