

Garant

**Solid carbide roughing end mill with internal coolant supply, uncoated, Ø d11
DC: 8mm**


Order data

Order number	205335 8
GTIN	4045197645395
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

Cutting edge Ø D _c	8 mm
Feed f _z for side milling in short-chipping aluminium	0.08 mm
Overhang length L ₁ incl. recess	27 mm
No. of teeth Z	3
Corner chamfer width at 45°	0.45 mm
Feed f _z for slot milling in short-chipping aluminium	0.06 mm
Recess Ø D ₁	7.8 mm
Shank Ø D _s	8 mm
Overall length L	63 mm
Flute length L _c	16 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HB to h6

Tolerance nominal \varnothing	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		