

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

Order data

Order number	205336 10
GTIN	4045197767288
Item class	11X

Description
Version:

Dimensions similar to DIN 6527.

Knuckle form profile.

Special profile for machining non-ferrous metals.

With through-coolant.

With the latest generation of **DLC coating sp²**.

Technical description

Feed f_z for side milling in short-chipping aluminium	0.09 mm
Tolerance nominal \varnothing	d11
Feed f_z for slot milling in short-chipping aluminium	0.07 mm
Shank $\varnothing D_s$	10 mm
Shank	DIN 6535 HA to h6
Overall length L	72 mm
No. of teeth Z	3
Corner chamfer width at 45°	0.55 mm
Direction of infeed	horizontal, oblique and vertical
Flute length L_c	22 mm
Overhang length L_1 incl. recess	32 mm

Recess $\varnothing D_1$	9.8 mm
Cutting edge $\varnothing D_c$	10 mm
Helix angle	30 degrees
Corner chamfer angle	45 degrees
Coating	DLC
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	400 m/min	N
Aluminium (short chipping)	suitable	320 m/min	N
Alu > 10% Si	suitable	260 m/min	N
Cu	Suitable	150 m/min	N
CuZn	Suitable	180 m/min	N
wet maximum	suitable		
Air	Suitable only under restricted conditions		

Services

Shank grinding Type HB	129100 HB
------------------------	-----------