

Garant
Solid carbide milling cutter, uncoated, Ø e8 DC: 2mm

Order data

Order number	202640 2
GTIN	4045197117564
Item class	11X

Description
Version:

Double relief ground side clearance angle.

Technical description

Overhang length L_1 incl. recess	13 mm
Recess $\varnothing D_1$	1.8 mm
No. of teeth Z	4
Feed f_z for slot milling in steel < 900 N/mm ²	0.01 mm
Shank form	HA
Feed f_z for side milling in steel < 900 N/mm ²	0.011 mm
Corner chamfer width at 45°	0.03 mm
Cutting edge $\varnothing D_c$	2 mm
Shank $\varnothing D_s$	2 mm
Overall length L	32 mm
Flute length L_c	8 mm
Direction of infeed	horizontal, oblique and vertical
Shank	DIN 6535 HA to h6
Tolerance nominal \varnothing	e8
Helix angle	30 degrees

Corner chamfer angle	45 degrees
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Cutting width a_e for milling operation	0.3×D for side milling
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Through-coolant	no
Colour ring	without
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable only under restricted conditions	140 m/min	N
Alu > 10% Si	suitable only under restricted conditions	105 m/min	N
Steel < 500 N/mm ²	suitable	70 m/min	P
Steel < 750 N/mm ²	suitable	60 m/min	P
Steel < 900 N/mm ²	suitable	55 m/min	P
Steel < 1100 N/mm ²	suitable	35 m/min	P
Steel < 1400 N/mm ²	suitable	30 m/min	P
Steel < 55 HRC	suitable only under restricted conditions	25 m/min	H
INOX < 900 N/mm ²	suitable	40 m/min	M
INOX > 900 N/mm ²	suitable only under restricted conditions	30 m/min	M
GG(G)	suitable	55 m/min	K
Uni	suitable		
wet maximum	suitable		

wet minimum	Suitable only under restricted conditions
dry	suitable only under restricted conditions
Air	Suitable only under restricted conditions