

Garant
Solid carbide mini milling cutter, AlCrN, Ø e8 DC: 1,8mm

Order data

Order number	GG1264 1,8
GTIN	4045197906922
Item class	GGN

Description
Version:

Shank similar to **DIN 6535 HB**. Improved coating for general-purpose applications in steel and cast iron.

Same as No. 202264.

Technical description

No. of teeth Z	3
Flute length L_c	3 mm
Corner chamfer width at 45°	0.1 mm
Shank form	HA
Shank $\varnothing D_s$	3 mm
Cutting edge $\varnothing D_c$	1.8 mm
Shank	DIN 6535 HA to h6
Feed f_z for side milling in steel < 750 N/mm ²	0.006 mm
Overall length L	38 mm
Helix angle	45 degrees

Feed f_z for slot milling in steel < 750 N/mm ²	0.005 mm
Direction of infeed	horizontal, oblique and vertical
Tolerance nominal \varnothing	e8
Contents	5
Coating	AlCrN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Cutting width a_e for milling operation	Full slot cutting depth 1×D
Cutting width a_e for milling operation	0.5×D for side milling
Type of product	End / face mill

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable	280 m/min	N
Alu > 10% Si	suitable	200 m/min	N
Steel < 500 N/mm ²	suitable	120 m/min	P
Steel < 750 N/mm ²	suitable	110 m/min	P
Steel < 900 N/mm ²	suitable	100 m/min	P
Steel < 1100 N/mm ²	suitable	70 m/min	P
Steel < 1400 N/mm ²	suitable	60 m/min	P
INOX < 900 N/mm ²	suitable	70 m/min	M
INOX > 900 N/mm ²	suitable	50 m/min	M
GG(G)	suitable	90 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable		

dry	suitable only under restricted conditions
Air	suitable

Accessories

Solid carbide mini milling cutter Ø e8 DC 1,8 mm	202264 1,8
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