

Garant
Solid carbide mini milling cutter, AlCrN, Ø e8 DC: 8,7mm

Order data

Order number	202260 8,7
GTIN	4045197863850
Item class	11X

Description
Version:

 Shank similar to **DIN 6535 HB**.

Improved coating for general-purpose applications in steel and cast iron.

Save on regrinding costs:

It is cheaper to use solid carbide mini milling cutters to the wear limit than to regrind them.

Technical description

Shank	HB with h6
Direction of infeed	horizontal, oblique and vertical
Corner chamfer width at 45°	0.3 mm
Shank Ø D _s	10 mm
Feed f _z for slot milling in steel < 750 N/mm ²	0.05 mm
Flute length L _c	11 mm
Shank form	HB
Cutting edge Ø D _c	8.7 mm
Feed f _z for side milling in steel < 750 N/mm ²	0.08 mm
Overall length L	55 mm
Tolerance nominal Ø	e8
No. of teeth Z	3

Helix angle	30 degrees
Corner chamfer angle	45 degrees
Coating	AlCrN
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	280 m/min	N
Alu > 10% Si	suitable only under restricted conditions	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 only under restricted conditions	60 m/min	P
INOX < 900 N/mm ²	suitable	70 m/min	M
INOX > 900 N/mm ²	suitable only under restricted conditions	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