

Garant
Solid carbide milling cutter, AlCrN, Ø e8 DC: 3mm

Order data

Order number	201308 3
GTIN	4045197863232
Item class	11X

Description
Version:

Dimensions similar to **DIN 6527**.

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

Note:

Successor product for No. 201630 and 201522.

Technical description

Feed f_z for side milling in steel < 750 N/mm ²	0.025 mm
Shank form	HB
Recess Ø D_1	2.8 mm
Feed f_z for slot milling in steel < 750 N/mm ²	0.02 mm
Flute length L_c	8 mm
Tolerance nominal Ø	e8
Cutting edge Ø D_c	3 mm
Overhang length L_1 incl. recess	15 mm
No. of teeth Z	2
Corner chamfer width at 45°	0.13 mm
Shank Ø D_s	6 mm
Overall length L	57 mm
Direction of infeed	horizontal, oblique and vertical

Shank	DIN 6535 HB to h6
Helix angle	30 degrees
Corner chamfer angle	45 degrees
Coating	AlCrN
Tool material	Solid carbide
Standard	DIN 6527
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