

Garant
Solid carbide chamfer mill 60°, uncoated, Ø e8 DC: 5mm

Order data

Order number	208068 5
GTIN	4062406538163
Item class	11X

Description
Version:
Tolerance: Point angle $\pm 1^\circ$.

Application:

- Countersinking
- Chamfering

Technical description

Chamfer mill	30 degrees
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.02 mm
Shank $\varnothing D_s$	6 mm
Overall length L	57 mm
No. of teeth Z	2
Shank	DIN 6535 HB to h6
Cutting edge $\varnothing D_c$	5 mm
Flute length L_c	13 mm
Corner chamfer angle	30 degrees
Coating	uncoated
Tool material	Solid carbide
Standard	DIN 6527
Type	N

Tolerance nominal \varnothing	e8
Helix angle	30 degrees
Cutting width a_e for milling operation	Full slot cutting depth $1 \times D$
Countersink tip angle	60 degrees
Through-coolant	no
Shank tolerance	h6
Colour ring	without
Type of product	Indexable end mill

User data

	Suitability	V_c	ISO code
Alu plastics	suitable	180 m/min	N
Aluminium (short chipping)	suitable	140 m/min	N
Alu > 10% Si	suitable	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
INOX < 900 N/mm ²	suitable	40 m/min	M
GG(G)	suitable	55 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
Air	Suitable only under restricted conditions		

Services

Shank grinding Type HB	129100 HB
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