

Garant
Solid carbide corner rounding cutter, TiAlN, Radius r: 0,5mm

Order data

Order number	208020 0,5
GTIN	4045197128942
Item class	11X

Description
Version:
Straight fluted, without profile distortion.

Tolerance: $r = \pm 0.01 \text{ mm}$.

Application:

For rounding and deburring **edges**.

Technical description

No. of teeth Z	4
Radius r	0.5 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.02 mm
large $\varnothing D_2$	8 mm
small $\varnothing D_3$	7 mm
Shank $\varnothing D_s$	8 mm
Overall length L	70 mm
Flute length L_c	0.5 mm
Radius milling	forwards
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N

Tolerance of radius contour	± 0.01
Direction of infeed	horizontal
Shank	DIN 6535 HA to h6
Through-coolant	no
Shank tolerance	h6
Colour ring	without
Type of product	corner rounding cutter, HSS-Co5

User data

	Suitability	V _c	ISO code
Alu plastics	suitable	800 m/min	N
Aluminium (short chipping)	suitable	600 m/min	N
Alu > 10% Si	suitable	400 m/min	N
Steel < 500 N/mm ²	suitable	190 m/min	P
Steel < 750 N/mm ²	suitable	170 m/min	P
Steel < 900 N/mm ²	suitable	160 m/min	P
Steel < 1100 N/mm ²	suitable	95 m/min	P
INOX < 900 N/mm ²	suitable	90 m/min	M
INOX > 900 N/mm ²	suitable	75 m/min	M
GG(G)	suitable	120 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		

Services

Shank grinding Type HB

129100 HB