



## Solid carbide corner rounding cutter, TiSiN, Radius r: 4mm



### Order data

Order number	208022 4
GTIN	4062406785932
Item class	12X

### Description

#### Version:

**Straight fluted, without profile distortion.**

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

#### Application:

For rounding and deburring **edges**.

### Technical description

Flute length $L_c$	4 mm
Shank $\varnothing D_s$	16 mm
Overall length L	82 mm
Feed $f_z$ for side milling in steel $< 900 \text{ N/mm}^2$	0.035 mm
small $\varnothing D_3$	8 mm
Radius r	4 mm
No. of teeth Z	4
large $\varnothing D_2$	16 mm
Radius milling	forwards
Coating	TiSiN
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 <sub>c</sub>	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 <sup>2</sup>	suitable	190 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	170 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	160 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	95 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable	90 m/min	M
INOX > 900 N/mm <sup>2</sup>	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