

## Garant

### Solid carbide forward / reverse corner rounding cutter, TiAlN, Radius r: 0,3mm



#### Order data

Order number	208170 0,3
GTIN	4045197198396
Item class	11X

#### Description

##### Version:

##### Extra long shank.

Double ground head **with quadrant profile.**

**Tolerance:** Size = Radius r  $\pm 0.05$  mm.

##### Application:

For **front** and **back deburring** of edges with contours.

#### Technical description

small $\varnothing D_3$	7.4 mm
No. of teeth Z	4
Radius r	0.3 mm
large $\varnothing D_2$	8 mm
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.01 mm
$L_2 + 0.5$	2 mm
Shank $\varnothing D_s$	6 mm
Overall length L	100 mm
Flute length $L_c$	0.3 mm
Radius milling	backwards and forwards
Coating	TiAlN
Tool material	Solid carbide

Standard	Manufacturer's standard
Type	N
Tolerance of radius contour	$\pm 0.05$
Cutting width $a_e$ for milling operation	$0.5 \times r$ for side milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Shank tolerance	h6
Colour ring	without
Type of product	End mill

### User data

	Suitability	$V_c$	ISO code
Aluminium (short chipping)	suitable	115 m/min	N
Alu > 10% Si	suitable	70 m/min	N
Steel < 500 N/mm <sup>2</sup>	suitable	65 m/min	P
Steel < 750 N/mm <sup>2</sup>	suitable	65 m/min	P
Steel < 900 N/mm <sup>2</sup>	suitable	40 m/min	P
Steel < 1100 N/mm <sup>2</sup>	suitable	35 m/min	P
INOX < 900 N/mm <sup>2</sup>	suitable only under restricted conditions	35 m/min	M
GG(G)	suitable	40 m/min	K
Uni	suitable only under restricted conditions		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable		
Air	suitable		

