

Garant
Solid carbide front / back corner rounding cutter, TiAlN, Radius r: 1,8 mm


Order data

Order number	208172 1,8
GTIN	4062406131326
Item class	11X

Description

Version:

Extra long shank.

Double ground head **with quadrant profile.**
Tolerance: Size = Radius r ± 0.05 mm.

Application:

For **universal application** in virtually all materials. The newly developed coating **effectively prevents formation of built-up edges** – even in aluminium and stainless steel.

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

No. of teeth Z: 5

Radius milling: backwards and forwards

No. of teeth Z: 5

small $\varnothing D_3$: 8.4 mm

large $\varnothing D_2$: 12 mm

 $L_2 +0,5$: 6 mm

 $\varnothing D_1 +0.05$: 6 mm

 $L_4 +0,5$: 37 mm

Technical description

small $\varnothing D_3$	8.4 mm
No. of teeth Z	5
large $\varnothing D_2$	12 mm
$L_2 +0,5$	6 mm
Radius r	1.8 mm

Shank $\varnothing D_s$	12 mm
Feed f_z for side milling in steel $< 900 \text{ N/mm}^2$	0.01 mm
Flute length L_c	1.8 mm
Overall length L	100 mm
$\varnothing D_1 +0.05$	6 mm
$L_4 +0,5$	37 mm
Radius milling	backwards and forwards
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance of radius contour	± 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	green
Type of product	End mill

Services

Shank grinding Type HB	129100 HB
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