

Garant
Solid carbide front / back corner rounding cutter, TiAlN, Radius r: 0,4mm

Order data

Order number	208170 0,4
GTIN	4045197198402
Item class	11X

Description
Version:
Extra long shank.

Double ground head **with quadrant profile.**

Tolerance: Size = **Radius r ± 0.05 mm.**

Application:

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

No. of teeth Z: 4

Radius milling: backwards and forwards

No. of teeth Z: 4

small $\varnothing D_3$: 7.2 mm

large $\varnothing D_2$: 8 mm

$L_2 +0,5$: 2 mm

Flute length L_c : 0.4 mm

Overall length L: 100 mm

Technical description

large $\varnothing D_2$	8 mm
Feed f_z for side milling in steel < 900 N/mm ²	0.01 mm
No. of teeth Z	4
Radius r	0.4 mm
small $\varnothing D_3$	7.2 mm
$L_2 +0,5$	2 mm
Shank $\varnothing D_s$	6 mm

Overall length L	100 mm
Flute length L _c	0.4 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×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 ²	suitable	65 m/min	P
Steel < 750 N/mm ²	suitable	65 m/min	P
Steel < 900 N/mm ²	suitable	40 m/min	P
Steel < 1100 N/mm ²	suitable	35 m/min	P
INOX < 900 N/mm ²	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