

Garant

Solid carbide front / back deburring cutter, TiAlN, Ø DC: 3 mm



Order data

Order number	208180 3
GTIN	4045197198358
Item class	11X

Description

Version:

Extra long shank.

Double ground head **with 45° angle.**

Application:

For **front** and **back deburring** and **chamfering** even where access is difficult.

Particularly suitable for **contouring applications.**

No. of teeth Z: 4

Chamfer mill: backwards and forwards 45

$L_2 +0,5$: 2 mm

$L_4 +0,5$: 10 mm

$\varnothing D_1 +0.05$: 2,2 mm

Overall length L: 75 mm

Shape: pointed

Shank $\varnothing D_s$: 4 mm

Technical description

Feed f_z for side milling in steel < 900 N/mm ²	0.01 mm
No. of teeth Z	4
Shape	pointed
$L_2 +0,5$	2 mm
$\varnothing D_1 +0.05$	2,2 mm
$L_4 +0,5$	10 mm
Cutting edge $\varnothing D_c$	3 mm

Shank $\varnothing D_s$	4 mm
Overall length L	75 mm
Chamfer mill	backwards and forwards 45
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal \varnothing	± 0.05
Countersink tip angle	90 degrees
Cutting width a_e for milling operation	$0.25 \times L_2$ for side milling
Shank	DIN 6535 HA to h6
Shank tolerance	h6
Colour ring	without
Type of product	End mill