

**Garant**
**Solid carbide front / back deburring cutter, TiAlN, Ø DC: 4,8 mm**

**Order data**

Order number	208180 4,8
GTIN	4045197465467
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

$L_2 +0,5$ : 3 mm

$L_4 +0,5$ : 15 mm

$\varnothing D_1 +0.05$ : 3.9 mm

Overall length L: 75 mm

Shape: pointed

Shank  $\varnothing D_s$ : 5 mm

**Technical description**

$\varnothing D_1 +0.05$	3.9 mm
Shape	pointed
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.01 mm
Cutting edge $\varnothing D_c$	4.8 mm
$L_4 +0,5$	15 mm
$L_2 +0,5$	3 mm
No. of teeth Z	4

Shank $\varnothing D_s$	5 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 $\varnothing$	$\pm 0.05$
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