

**Garant**
**Solid carbide front / back deburring cutter, TiAlN, Ø DC: 12 mm**

**Order data**

Order number	208180 12
GTIN	4045197129451
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

$L_2 +0,5$ : 6 mm

$L_4 +0,5$ : 94 mm

Overall length L: 100 mm

Shape: flat

Shank Ø  $D_s$ : 6 mm

Feed  $f_z$  for side milling in steel < 900 N/mm<sup>2</sup>: 0.017 mm

**Technical description**

Cutting edge Ø $D_c$	12 mm
$L_2 +0,5$	6 mm
No. of teeth Z	4
Shape	flat
$L_4 +0,5$	94 mm
Feed $f_z$ for side milling in steel < 900 N/mm <sup>2</sup>	0.017 mm
Shank Ø $D_s$	6 mm

Overall length L	100 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

### Services

Shank grinding Type HB	129100 HB
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