

## Garant

### Solid carbide front / back deburring cutter, TiAlN, Ø DC: 11,8 mm



#### Order data

Order number	208185 11,8
GTIN	4062406131395
Item class	11X

#### Description

##### Version:

##### Extra long shank.

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

##### 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** and **chamfering** even where access is difficult.

Particularly suitable for **contouring applications.**

No. of teeth Z: 5

Chamfer mill: backwards and forwards 45

$L_2 +0,5$ : 6 mm

$L_4 +0,5$ : 37 mm

$\varnothing D_1 +0.05$ : 6 mm

Overall length L: 100 mm

Shape: flat

Shank  $\varnothing D_s$ : 12 mm

#### Technical description

$\varnothing D_1 +0.05$	6 mm
Cutting edge $\varnothing D_c$	11.8 mm
Shank $\varnothing D_s$	12 mm
Overall length L	100 mm
$L_2 +0,5$	6 mm

Shape	flat
$L_4 +0,5$	37 mm
Feed $f_z$ for side milling in steel $< 900 \text{ N/mm}^2$	0.017 mm
No. of teeth Z	5
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	0.25xL2 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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