

Garant

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



Order data

Order number	208185 8
GTIN	4062406131364
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

L₂ +0,5: 2 mm

L₄ +0,5: 26 mm

Ø D₁ +0.05: 6 mm

Overall length L: 100 mm

Shape: flat

Shank Ø D_s: 8 mm

Technical description

L ₂ +0,5	2 mm
Shape	flat
L ₄ +0,5	26 mm
Shank Ø D _s	8 mm
Ø D ₁ +0.05	6 mm

Corner chamfer angle	45 °
Feed f_z for side milling in steel < 900 N/mm ²	0.012 mm
No. of teeth Z	5
Cutting edge $\varnothing D_c$	8 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	± 0.05
Countersink tip angle	90 °
Cutting width a_e for milling operation	0.25×L2 for side milling
Shank	DIN 6535 HA to h6
Through-coolant	no
Shank tolerance	h6
Colour ring	green
Type of product	Deburrers

User data

	Suitability	V_c	ISO code
Aluminium (short chipping)	suitable	125 m/min	N
Alu > 10% Si	suitable	75 m/min	N
Steel < 500 N/mm ²	suitable	70 m/min	P
Steel < 750 N/mm ²	suitable	70 m/min	P
Steel < 900 N/mm ²	suitable	45 m/min	P
Steel < 1100 N/mm ²	suitable	40 m/min	P
INOX < 900 N/mm ²	suitable	35 m/min	M

INOX > 900 N/mm ²	suitable only under restricted conditions	30 m/min	M
GG(G)	suitable	45 m/min	K
Uni	suitable		
wet maximum	suitable		
wet minimum	suitable only under restricted conditions		
dry	suitable		
Air Services	suitable		
Shank grinding Type HB		129100 HB	