

**Garant**
**Solid carbide chamfering cutter 90°, uncoated, Ø e8 DC: 12 mm**

**Order data**

Order number	208070 12
GTIN	4045197129147
Item class	11X

**Description**
**Version:**

**Tolerance:** Point angle  $\pm 1^\circ$ .

**Application:**

- **Slot milling**
- **Countersinking**
- **Milling**
- **Can also be used as a NC spotting drill.**

**Note:**

For **HB** shanks use order **No. 208071**.

HB shanks are available at the same price as HA.

No. of teeth Z: 2

Shank: DIN 6535 HA to h6

Chamfer mill: 45 degrees

No. of teeth Z: 2

Flute length  $L_c$ : 26 mm

Overall length L: 83 mm

Shank  $\varnothing D_s$ : 12 mm

Feed  $f_z$  for side milling in steel  $< 900 \text{ N/mm}^2$ : 0.06 mm

**Technical description**

No. of teeth Z	2
Cutting edge $\varnothing D_c$	12 mm
Feed $f_z$ for side milling in steel $< 900 \text{ N/mm}^2$	0.06 mm
Shank $\varnothing D_s$	12 mm

Flute length $L_c$	26 mm
Overall length L	83 mm
Shank	DIN 6535 HA to h6
Corner chamfer angle	45 degrees
Chamfer mill	45 degrees
Coating	uncoated
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal $\varnothing$	e8
Helix angle	30 degrees
Cutting width $a_e$ for milling operation	0.5×D for side milling
Countersink tip angle	90 degrees
Through-coolant	no
Shank tolerance	h6
Colour ring	without
Type of product	End mill

## Services

Shank grinding Type HB	129100 HB
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