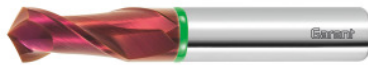


Garant
Solid carbide chamfer mill, spiral flutes 120°, TiAlN, Ø e8 DC: 12 mm


Order data

Order number	208089 12
GTIN	4062406390693
Item class	11X

Description

Version:

Outstanding surface qualities thanks to the **35° helix angle**. Chamfer mill for **universal application** in virtually all materials. The newly developed coating effectively prevents built-up edges, even in aluminium or stainless steel.

Tolerance: Point angle $\pm 5^\circ$.

Application:

- **Centring**
- **Drilling**
- **Countersinking**
- **Chamfering**

No. of teeth Z: 2

Shank: DIN 6535 HA to h6

Chamfer mill: 60 degrees

No. of teeth Z: 2

Flute length L_c : 26 mm

Overall length L: 83 mm

Shank Ø D_s : 12 mm

Feed f_z for side milling in steel < 900 N/mm²: 0.08 mm

Feed f_z for side milling in INOX > 900 N/mm²: 0.072 mm

Technical description

No. of teeth Z	2
Cutting edge Ø D_c	12 mm
Overall length L	83 mm

Flute length L_c	26 mm
Shank $\varnothing D_s$	12 mm
Shank	DIN 6535 HA to h6
Chamfer mill	60 degrees
Feed f_z for side milling in steel < 900 N/mm ²	0.08 mm
Feed f_z for side milling in INOX > 900 N/mm ²	0.072 mm
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	N
Tolerance nominal $\varnothing$	e8
Helix angle	35 degrees
Cutting width a_e for milling operation	0.5×D for side milling
Countersink tip angle	120 degrees
Through-coolant	no
Shank tolerance	h6
Colour ring	green
Type of product	End mill