

Garant
Diabolo solid carbide deburrer, spiral flutes 60°, TiAlN, Ø h6 DC: 6mm


Order data

Order number	208167 6
GTIN	4062406380403
Item class	11X

Description

Version:

Outstanding surface qualities thanks to the **35° helix angle**.

Deburrer specially developed for **hard machining**. The further development of the DIABOLO coating permits even longer tool life and improved surface quality.

Tolerance: **Dimension S = ± 0.2 mm. Point angle ±5 arc minutes.**

Application:

Perfectly suitable for **chamfering** and **deburring** component edges and for **contouring applications**.

No. of teeth Z: 6

Shank: DIN 6535 HA to h6

Chamfer mill: 30 °

No. of teeth Z: 6

Dimension S: 5.9 mm

Overall length L: 57 mm

Shank Ø D_s: 6 mm

Feed f_z in steel < 60 HRC: 0.03 mm

Technical description

Feed f _z in steel < 60 HRC	0.03 mm
No. of teeth Z	6
Cutting edge Ø D _c	6 mm
Corner chamfer angle	60 °
Overall length L	57 mm

Dimension S	5.9 mm
Shank $\varnothing D_s$	6 mm
Series	Diabolo
Shank	DIN 6535 HA to h6
Chamfer mill	30°
Coating	TiAlN
Tool material	Solid carbide
Standard	Manufacturer's standard
Type	H
Tolerance nominal \varnothing	h6
Helix angle	35°
Direction of infeed	horizontal and oblique
Countersink tip angle	60°
Through-coolant	no
Shank tolerance	h6
Colour ring	red
Type of product	Deburrers

User data

	Suitability	V_c	ISO code
Steel < 1100 N/mm ²	Suitable only under restricted conditions	140 m/min	P
Steel < 1400 N/mm ²	suitable	120 m/min	P
Steel < 55 HRC	suitable	100 m/min	H
Steel < 60 HRC	suitable	90 m/min	H
Steel < 65 HRC	suitable	60 m/min	H
Steel < 67 HRC	Suitable only under restricted conditions	35 m/min	H
wet minimum	Suitable only under restricted conditions		

dry	suitable
Air	suitable