

Garant**Disc brush, silicon carbide (SiC), Ø 100 mm, Grit: 180****Order data**

Order number	575012 180
GTIN	4045197892652
Item class	51P

Description**Version:**

With longitudinal groove for clamping on face mill arbors (DIN 6357) and combination face mill adapters (DIN 6358).

Disc brushes with **extremely tightly packed abrasive bristles (right to the edge of the brush)** embedded in the plastic pad. The bristles support each other, giving a **highly stable shape**. Very long working life.

Nylon bristles with very high **silicon carbide grit content** for general-purpose use.

Advantage:

- **Workpiece rework directly after the machining process.**
- **Reproducible results due to constantly exposed grinding grit.**
- **Good process reliability thanks to high shape stability and shape accuracy.**
- **Quick and secure installation without further accessories.**
- **Very low radial run-out.**

Application:

On **CNC machining centres** and when used by **robots**, preferably **wet grinding** with cooling lubricant. Machining of flat components: precise **deburring, edge rounding, finish machining** after milling, **surface finishing** e.g. of sealing and mating faces.

Note:

Special versions available on request.

Grinding medium code: SiC

Bore $\varnothing d_1$: 22 with groove mm

Grit designation: fine

Bristle thickness: 1 mm

Technical description

Grit designation	fine
Bristle thickness	1 mm
Grit	180
Infeed	0.8 (fine) – 1.5 (coarse) mm
Feed	3000 - 5500 mm/min
Product name attribute	\varnothing 100 mm
Brush $\varnothing D_1$	100 mm
Disc dia. D_2	106 mm
Grinding media	Silicon carbide (SiC)
Grinding medium code	SiC
Bristle length L_3	35 mm
Working area \varnothing	100 mm
Bore $\varnothing d_1$	22 with groove mm
recommended speed	1400 - 1700 rpm
maximum speed	3500 rpm
Type of product	Disc brush

Accessories

Tightening screw with internal cooling for mandrel \varnothing 22 mm

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