

Garant**Disc brush, silicon carbide (SiC), Ø 50 mm, Grit: 80****Order data**

Order number	575006 80
GTIN	4045197977694
Item class	51P

Description**Version:**

Conical brushes for inaccessible places. Greater flexibility.

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.

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

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

Advantage:

- **Workpiece post-processing directly after the machining process.**
- **Reproducible results due to continuous exposure of the abrasive grit.**
- **Process reliability thanks to high stability and accuracy of the shape.**
- **Quick and secure mounting without further accessories.**
- **Very high concentricity.**

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 $\varnothing d_1$: 16 with groove mm
 Grit designation: coarse
 Bristle thickness: 1.2 mm

Technical description

Grit	80
Grit designation	coarse
Bristle thickness	1.2 mm
Feed	800 - 3000 mm/min
Infeed	0.3 (fine) – 1.5 (coarse) mm
Product name attribute	\varnothing 50 mm
Brush $\varnothing D_1$	50 mm
Disc dia. D_2	45 mm
Grinding media	Silicon carbide (SiC)
Grinding medium code	SiC
Bristle length L_3	30 mm
Working area \varnothing	50 mm
Bore $\varnothing d_1$	16 with groove mm
recommended speed	1500 - 2500 min ⁻¹
maximum speed	4500 min ⁻¹
Type of product	Disc brush

User data

	Suitability	V_c	ISO code
Alu Mg	suitable		
Steel < 900 N/mm ²	suitable		
Steel < 1400 N/mm ²	suitable only under restricted conditions		

Steel < 55 HRC	suitable only under restricted conditions
Steel < 60 HRC	suitable only under restricted conditions
INOX	suitable only under restricted conditions
Ti	suitable only under restricted conditions
GG(G)	suitable only under restricted conditions
CuZn	suitable
Uni	suitable
wet maximum	suitable
dry	suitable only under restricted conditions

Accessories

Tightening screw with internal cooling for mandrel Ø 16 mm

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