

**Garant****Disc brush, silicon carbide (SiC), Ø 63 mm, Grit: 80****Order data**

Order number	575008 80
GTIN	4045197977717
Item class	51P

**Description****Version:**

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

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.

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

Bristle thickness	1.2 mm
Grit designation	coarse
Grit	80
Feed	800 - 3000 mm/min
Infeed	0.3 (fine) – 1.5 (coarse) mm
Product name attribute	$\varnothing$ 63 mm
Brush $\varnothing D_1$	63 mm
Disc dia. $D_2$	58 mm
Grinding media	Silicon carbide (SiC)
Grinding medium code	SiC
Bristle length $L_3$	30 mm
Working area $\varnothing$	63 mm
Bore $\varnothing d_1$	16 with groove mm
recommended speed	1500 - 2500 min <sup>-1</sup>
maximum speed	4500 min <sup>-1</sup>
Type of product	Disc brush

## User data

	Suitability	$V_c$	ISO code
Alu Mg	suitable		
Steel < 900 N/mm <sup>2</sup>	suitable		
Steel < 1400 N/mm <sup>2</sup>	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

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## Accessories

Tightening screw with internal cooling for mandrel Ø 16 mm

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