

Garant**Wheel brushes, silicon carbide (SiC), Ø 100 mm, Grit: 80****Order data**

Order number	575062 80
GTIN	4045197977793
Item class	51P

Description**Version:**

Round 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.

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

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. **For grinding side faces and inner faces:** precise deburring (e.g. threads), edge rounding, delicate work after milling, surface finishing.

Note:

Special versions available on request.

Technical description

Bristle thickness	1.2 mm
maximum speed	4500 min ⁻¹
Grit designation	coarse
Brush Ø D ₁	100 mm
Grit	80
recommended speed	2400 - 2800 min ⁻¹
Feed	800 - 3000 mm/min
Infeed	0.3 (fine) – 1.0 (coarse) mm
Grinding media	Silicon carbide (SiC) grit
Grinding medium code	SiC
Product name attribute	Ø 100 mm
Bristle width L ₁	20 mm
Working length L ₃	22 mm
Bore Ø d ₁	22 with groove mm
Propulsive equipment	CNC machining centres, robot applications
Adapter	Face mill arbor
Type of product	Wheel 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 22 mm

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