

## Garant

### Wheel brushes, silicon carbide (SiC), Ø 125 mm, Grit: 80



#### Order data

|              |               |
|--------------|---------------|
| Order number | 575064 80     |
| GTIN         | 4045197977816 |
| 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.

Bore Ø d<sub>1</sub>: 22 with groove mm

Grinding medium code: SiC

Grit designation: coarse  
Bristle thickness: 1.2 mm

## Technical description

|                         |  |
|-------------------------|--|
| Grit                    | 80   |
| Brush $\varnothing D_1$ | 125 mm                                       |
| Grit designation        | coarse                                       |
| recommended speed       | 1800 - 2200 rpm                              |
| Bristle thickness       | 1.2 mm                                       |
| maximum speed           | 4000 rpm                                     |
| Feed                    | 800 - 3000 mm/rev.                           |
| Infeed                  | 0.3 (fine) – 1.0 (coarse) mm                 |
| Grinding medium code    | SiC  |
| Grinding media          | Silicon carbide (SiC) grit                   |
| Product name attribute  | $\varnothing$ 125 mm                         |
| Bristle width $L_1$     | 20 mm  |
| Bristle length $L_3$    | 22 mm  |
| Bore $\varnothing d_1$  | 22 with groove mm                            |
| Propulsive equipment    | CNC machining centres,<br>robot applications |
| Adapter                 | Face mill arbor                              |
| Type of product         | Wheel brush                                  |

## Accessories

Tightening screw with internal cooling for mandrel  $\varnothing$  22 mm

575096 22