

**Garant****Wheel brushes with shank, silicon carbide (SiC), Ø 50 mm, Grit: 120****Order data**

Order number	575052 120
GTIN	4045197977755
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.

6 mm shank, solidly cast in place.

**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.

Bristle width  $L_1$ : 13 mm

Grinding medium code: SiC

Grit designation: medium  
 Bristle thickness: 0.6 mm  
 Shank  $\varnothing D_s$ : 6 mm

## Technical description

recommended speed	2400 - 2800 rpm
Brush $\varnothing D_1$	50 mm
maximum speed	4500 rpm
Bristle thickness	0.6 mm
Length of brush section $H_1$	13 mm
Grit	120
Grit designation	medium
Infeed	0.3 (fine) – 1.0 (coarse) mm
Feed	800 - 3000 mm/min
Grinding medium code	SiC
Grinding media	Silicon carbide (SiC) grit
Shank $\varnothing D_s$	6 mm
Product name attribute	$\varnothing 50$ mm
Bristle width $L_1$	13 mm
Propulsive equipment	CNC machining centres, robot applications
Type of product	Wheel brush