

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

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|--------------|---------------|
| Order number | 575005 120 |
| GTIN | 4062406287047 |
| Item class | 51P |

Description**Version:**

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

6 mm shank, solidly cast in place.

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.

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.

Technical description

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| Grit designation | medium |
| Infeed | 0.3 (fine) – 2.0 (coarse) mm |
| Bristle thickness | 0.6 mm |
| Grit | 120 |
| Feed | 800 - 3000 mm/min |
| Shank $\varnothing D_s$ | 6 mm |
| Product name attribute | $\varnothing 50$ mm |
| Brush $\varnothing D_1$ | 50 mm |
| Disc dia. D_2 | 55 mm |
| Grinding media | Silicon carbide (SiC) |
| Grinding medium code | SiC |
| Working area \varnothing | 25 mm |
| Length of brush section H_1 | 25 mm |
| recommended speed | 1200 - 2400 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 |