

Garant**Disc brush with shank, ceramic grit (CER), Ø 50 mm, Grit: 80****Order data**

Order number	575026 80
GTIN	4062406287054
Item class	51P

Description**Version:**

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.

6 mm shank, solidly cast in place.

Nylon bristles with **ceramic grit content**. More aggressive abrasive effect.

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

Bristle thickness	1.2 mm
Feed	800 - 3000 mm/min
Grit designation	coarse
Infeed	0.3 (fine) – 2.0 (coarse) mm
Grit	80
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	Ceramic grit (CER)
Grinding medium code	Ceramic
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
Steel < 900 N/mm ²	suitable		
Steel < 1400 N/mm ²	suitable		
Steel < 55 HRC	suitable only under restricted conditions		
Steel < 60 HRC	suitable only under restricted conditions		
INOX	suitable only under restricted conditions		
GG(G)	suitable		
wet maximum	suitable		

dry

suitable only under
restricted conditions