

Garant**Disc brush, ceramic grit (CER), Ø 144 mm, Grit: 80****Order data**

Order number	575038 80
GTIN	4045197892782
Item class	51P

Description**Version:**

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

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.

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

Advantage:

- **Workpiece rework directly after the machining process.**
- **Reproducible results due to constantly exposed grinding grit.**
- **Good process reliability thanks to high shape stability and shape accuracy.**
- **Quick and secure installation without further accessories.**
- **Very low radial run-out.**

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.

Grinding medium code: Ceramic

Bore $\varnothing d_1$: 32 with groove mm

Grit designation: coarse

Bristle thickness: 1.2 mm

Technical description

Grit designation	coarse
Grit	80
Bristle thickness	1.2 mm
Infeed	0.8 (fine) – 1.5 (coarse) mm
Feed	4500 - 8000 mm/min
Product name attribute	\varnothing 144 mm
Brush $\varnothing D_1$	144 mm
Disc dia. D_2	150 mm
Grinding media	Ceramic grit (CER)
Grinding medium code	Ceramic
Bristle length L_3	43 mm
Working area \varnothing	144 mm
Bore $\varnothing d_1$	32 with groove mm
recommended speed	1000 - 1200 min ⁻¹
maximum speed	2500 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

Accessories

Tightening screw with internal cooling for mandrel Ø 32 mm

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