Garant

Wheel brushes with shank, silicon carbide (SiC), ∅ 38 mm, Grit: 120

Order data

Order number	575050 120
GTIN	4045197977731
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.

Technical description

Bristle thickness	0.6 mm
Length of brush section H_1	10 mm
Brush ∅ D_1	38 mm
maximum speed	4500 min^{-1}
recommended speed	2400 - 2800 min^{-1}
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 ∅ D_s	6 mm
Product name attribute	∅ 38 mm
Bristle width L_1	10 mm
Propulsive equipment	CNC machining centres, robot applications
Type of product	Wheel 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