

Cylindrical Abrasive Wheels



Cylindrical abrasive wheels are the most utilized and dimensionally varied type of abrasive products. This wheel type is very versatile for all machines as well as various applications. The main characteristic is the possibility to apply different hardness grades for each individual grit size which provides a wide spectrum of performance, ranging from extremely high stock removal (hard bond) to ultra-fine surface polishing.

Technical details

Bond type	Synthetic resin Foam, non-foam and elastomer polyurethane
Abrasive type	Aluminium oxide Silicon carbide
Grit size	24-800
Hardness — Peripheral speed (m/s)	C – extra soft: 10 D – soft: 15 J, K – medium-soft: 20 M, O – medium: 25 P – hard: 30 Q – very hard: 35

Dimensions (mm)*

External diameter	50-400
Thickness	10-254
Bore	6-203,2

*other sizes are available on request

Compatible materials

Steel, stainless steel, non-ferrous metals, glass, plastics, precious metal, wood, porcelain

Applications

Cleaning, descaling, deoxidizing, deburring, finishing, glazing, polishing, matte-finishing, sharpening, ultra-fine polishing (soft bond)

Product benefits

- High endurance
- Light profiling
- Reduced noise volume and sparking
- High resistance to loading
- High quality surface processing
- Maintains dimensional stability of the work-piece
- Cool grinding

Usage

- Automatic machine
- Stationary machine
- Wet and dry



MIDAROM ABRASIVES SRL
Jucu de Mijloc, Nr. 24, Hala 8
407353, jud. Cluj, Romania

Phone: +40 769 049911
Email: office@midaromabrasives.ro
Web: www.midarom-abrasives.com

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