



CRANK SHAFT GRINDING



Crank Shaft Grinding

CUMI's Crankshaft grinding wheels are made using special, high performance bond systems in a unique manufacturing process, makes CUMI's Crankshaft grinding wheels highly cost effective. Besides optimising grinding efficiencies, these wheels also provide surface finish as fine as 4 microns. CUMI also makes dual grade, sandwich wheels with harder sides and softer centres, ideal for grinding crankshafts of differential hardness in diameter and fillet radius. These provide surface speeds upto 60 mps.

Application : Journal Grinding, Shank Grinding, Pin Grinding, Flange Grinding

Mounting Type : Single Wheel Mounting, Pair Wheel, Multi-Set (Gang Grinding)

Machine Name : Naxos Union, Landis, Newall, Gendron, Norton, Toyoda, Fortuna

Industries : Automobile, Industrial Generators, Shipping Industries, Engine-Reconditioning

CRANK GRINDING WHEELS

Product Description

CUMI introduces this as recent development into their product portfolio. Special grooves are made over wheel along with superior bond & grain combination.

Product Features

- Better form retention
- Free Cutting
- Higher Life



Material Type	CUMI Product (As per wheel speed)		
	33 mps	45 mps	60 mps
Forged Steel - Soft	A463 M5 V10	A463 K5 V2018/45	DA60 J5 V2018/60
Forged Steel - Hard	A463 L5 V10	A463 L5 V45	DA543 J5 V2018/60
Forged Steel - Hard	DA543 K5 V2020	A543 K5 TDV524/45	1MSB601 TDV765/60
Cast Iron	DA543 M5 V10	DA463 L5 V45	DA543 J+5 V2018/60
Nodular Iron	AA46 L5 V8	AA463 K5 V2018/45	5SA60 J+5 V500M/60
SG Iron	A543 K5 V524	DA601 K5 V2018/45	5SA601 J+5 V500M/60
SG Iron	A543 K5 V524	DA601 K5 V2018/45	91A601 J5 VC500/60

Product Specification				Product Size	Thickness
Abrasive	Grit Size	Hardness	Structure	Dia	
A	46 - 80	J - 0	3 - 5	600 - 1200	25 - 50*
DA/AA/SA	60 - 80	J - 0	3 - 5	600 - 1200	25 - 50*
MSB/91A	60 - 80	J - 0	6 - 8	600 - 1200	25 - 50*

Note: * Upto 75 mm for replacement Market



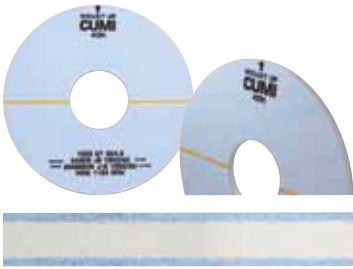
GROOVED CRANK WHEEL

Product Description

CUMI introduces this as recent development into their product portfolio. Special grooves are made over wheel along with superior bond & grain combination.

Product Features

- Better Surface finish, free from Chatter & Burn marks due to deep coolant penetration
- Better form holding on wheel sides to result corner radii within limit at Journal & Pin
- Improvement in dresser life due to lesser dressing



SANDWICH CRANK WHEEL

Product Description

CUMI introduces this as recent development into their product portfolio. Special Sandwich crank wheels are by sandwich of Fine Grit at centre and Coarser grits on both the sides. Coarser grits helps in stock removal on filter hard areas. Similarly, finer grit placed at centre of wheel widths support in achieving Crank Pin roundness & finish within specified tolerances.

Product Features

- Better suitable for Filter Hard Crank
- Better form holding on wheel sides to result corner radii within limit at Journal & Pin
- Improvement in dresser life due to lesser dressing

Wheel Type

