

Bonded Abrasives



Ball Master

CUMI's Ball Grinding Wheels are manufactured to exacting standards and are acknowledged to be of the highest quality by many of the largest ball manufacturing companies in the world. Lower grinding cycle time, resulting in reduced production costs and quality of the final product makes CUMI's ball grinding wheels the preferred and viable option.

Product Range	
Abrasive Type	Black Silicon Carbide (C)
Grit Range	100 - 400
Hardness	V, X & Z
Dia. (mm)	280 - 660
Thickness (mm) max*	75
Bond	VB
Toughness	1, 3, 5

* For above 660 mm wheel dia, we can offer upto 140 mm wheel thickness

Why a CUMI Ball Wheel ?

- ▶ Captive grain supply
- ▶ On going R & D and in-house bond preparation
- ▶ Pro-active product development
- ▶ Tailor-made specifications to meet customer needs
- ▶ Dedicated manufacturing team
- ▶ Specialised application engineering support

Product Recommendation					
Criteria 1	Max. Ball diameter (mm)	<=6	7-11	12-25	>25
	Grit Selection	G 400 G 320	G 280 G 240 G 220	G 180 G 150	G 120 G 100
Criteria 2	Grinding ratio	Low	Medium		High
	Wheel hardness Selection	V	X		Z
Criteria 3	Material removal rate (MRR)	High	Intermediate		Low
	Wheel toughness selection code	1	3		5

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