

BONDED ABRASIVES

CREEP-FEED

GRINDING WHEELS

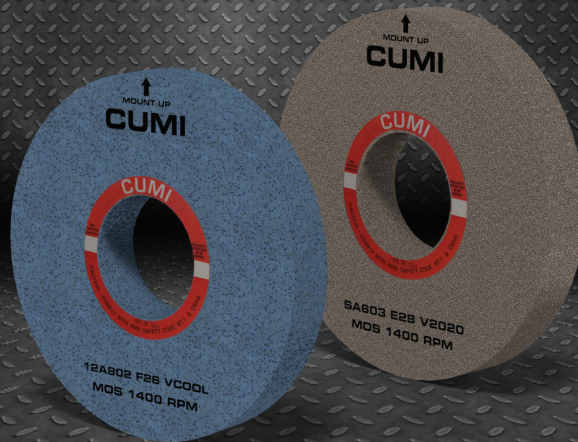
ABOUT CREEP-FEED GRINDING WHEELS

Very high grinding allowances, and at the same time, superior surface finish requirements on the components; Although easy to describe, what is challenging in this application is the ability to maintain form, size and finish produced by the wheels while removing very high amount of stock.

CUMI offers Creep-feed grinding wheels which are designed to perform well in high material removal operations without compromise on the form and finish. Be it continuous dressing or conventional intermediate dressing, when it comes to Creep-feed grinding, CUMI wheels achieve reduced dressing by superior form holding while removing material at high feed rates.

FEATURES

- Free cutting abrasives
- Fusible, glassy bond for improved form holding
- Uniform large open pores for coolant flooding
- Advanced moulding technique for uniform mass distribution



CREEP-FEED GRINDING WHEELS

ADVANTAGES OF CUMI WHEELS

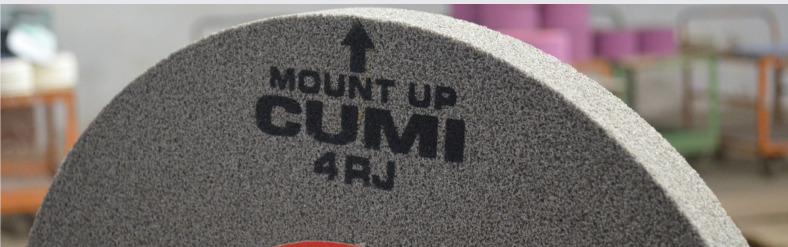


1. High feed rates for faster cycle time
2. Controlled wear and longer wheel life
3. Burn free surface
4. Easy on the Dressing roll
5. Good form holding leading to good geometry and dressing

WIDTH OF PRODUCT RANGE

CUMI Code	Grit Range	Diameter		Thickness		Speed mps	Hardness	Structure
		mm	inch	mm	inch			
SA	46 - 120	200 - 610	8 - 24	20 - 150	3/4 - 6	33	E - I	16 - 28
AA								
12A								

SHAPES

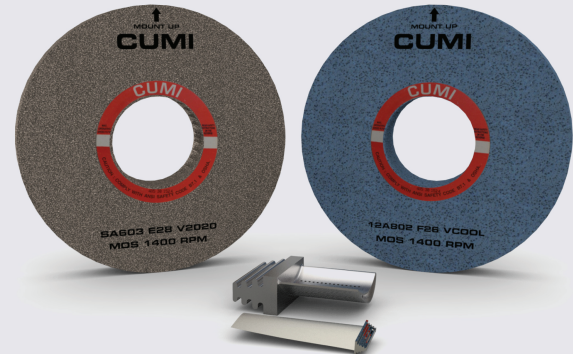


AEROSPACE

Material	Application	Operation	Best	Better	Good	Speed
Steel	Unhardened	Roughing	AA603 G28 V600	SA603 G28 V2020 AA603 G28 V2020Y	-	33
	Hardened	Roughing	AA603 F28 V600	SA603 F28 V2020, AA603 F28 V2020Y	-	

AUTOMOTIVE

Material	Component	Best	Better	Good
Alloy Steel	Tr Rotor	55A803 F28 V2020	12A100 E29 VCOOL	ΔA100 F29 VMC
	Tr Rotor	55A803 F28 V2020	55A803 F26 VCOOL	AA80 F26 VMC
	Steering Rack	55A463 E28 V2020	AA463 F28 V2020	ΔA46 F26 VMC
	Rocker arm	55A463 E28 V2020	AA463 F28 V2020	AA46 F26 VMC
	Machine Guideway	55A463 F28 V2020	RAA463 J23 VMPA	AA46 J16 VF8P





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