

ROLL GRINDING WHEELS



Roll Grinding Wheels

CUMI's Roll grinding wheels are extensively used in steel rolling mills for grinding the rolls in their roll shop. CUMI has the complete product range to grind various types of rolls for hot as well as cold rolling mills. CUMI has both conventional and micro crystalline abrasives. It offers exceptional cutting action with less wheel wear.

Commonly used Machines:

- POMINI
- WALDRICH SIEGEN
- HERKULES
- TOSHIBA
- WMW
- FARREL

PRODUCT RANGE

Selection Parameters	Work Roll		Back Up Roll	
	HRM*	CRM*	HRM*	CRM*
Wheel Diameter	Upto 1100 mm	Upto 1100 mm	Upto 1100 mm	Upto 1100 mm
Wheel Thickness	Upto 150 mm	Upto 150 mm	Upto 150 mm	Upto 150 mm
Roll Material	High Chrome Iron, ICDP, HSS	Forged steel	High Chrome Iron, ICDP, HSS, Forged Steel	Cast Steel
Type of Grains	Green Silicon Carbide (GC), Microcrystalline (SG)	Alu. Oxide (A, SA, AA), Microcrystalline (SG)	Alu. Oxide (A, DA, SA), Microcrystalline (SG)	Alu. Oxide (A, SA, AA), Microcrystalline (SG)
Popular Grits	30, 36, 46, 60	36 - 100	30, 36	24 - 36
Type of Bond	B344S, B344W	B384, B14, B916	B14, B384, B916	B384, B14Y, B916
Hardness	H - M	H - M	H - L	H - L
Structure	5 - 9	5 - 9	5 - 9	5 - 9
Wheel Speed	33 - 60 MPS	33 - 60 MPS	33 - 60 MPS	33 - 60 MPS

* Hot Rolling Mills (HRM) and Cold Rolling Mills (CRM)

PRODUCT RECOMMENDATIONS

Roll Type	Grinding Wheel	
	Conventional	Premium
HOT STRIP MILL		
Work Roll	GC361 TDRI12MRA, TDRI139	3SG36 B344S
Back Up Roll	3SA 36 I5 B14, AA 36 J5 B384	3SG36 J6 B14Y
COLD ROLLING MILL		
Work Roll	3SA60 J5 B14, AA60 J5 B384	3SG60 J6 B14X
Back Up Roll	3SA36 I5 B14, AA36 J5 B384	3SG36 J6 B14Y

