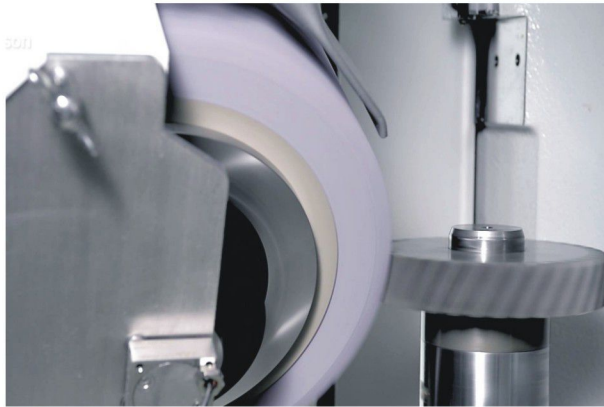


GEAR GRINDING WHEELS



► Sterling's porous, vitrified bonded aluminum oxide wheels are predominantly used in gear grinding application due to excellent profile retention attributes, resistance of the component in which it is integrated.

International Range

FEATURES

- Cool grinding
- Optimized economic efficiency
- Highest process stability

BENEFITS

- Reduction in dressing depth as well as increase in dressing frequency, result into higher wheel life.
- Save more in grinding cycle time.
- Excellent Profile retention of grinding wheel face.

Premium Range

FEATURES

- High performance engineered abrasive grain optimally spaced.
- High porosity.

BENEFITS

- High metal removal rates, able to grind large areas of contact.
- Exceptional part integrity and quality, superior surface finish.
- Long wheel life, dramatically shorter grinding cycle.

Application	Gear Module	International Range	Premium Range	Professional Range
SINGLE RIB GEAR GRINDING Conventional m/c (Niles, Hofler, Maag)	up to 8 M	3CG60 H10 VP7	5MCA70/80 I12 VSC	PAA60 H10 VC8
	Above 8 M	11A80 E11 V17	5MCA601 G15 VSC	PAA601 G18 VC8
	up to 5 M	11A80 E11 V17	5MCA601 G13 VSC	PAA601 G13 VC8
	up to 6-10 M	3CG601 G13 V17	3MCA601 G15 VSC	PAA601 G18 VC8
	Above 10 M	11A601 G15 V17	3CG601 G18 VSC	
	CNC m/c (Gleason-Pfauter, Samputensili, Hofler, Niles)	up to 5 M	3CG601 G13 V17/45	5MCA601 G13 VSC
up to 6-10 M		3CG601 G13 V17/45	5MCA601 G15 VSC/45	PAA601 G18 VC8/45
Above 10 M		3CG601 G15 V17/45	5MCA601 G18 VSC/45	
MULTI-RIB GEAR GRINDING Conventional & CNC m/c Reishauer / Gleason / Pfauter / Samputensili / Kapp / Csepel / Hofler, Niles	up to 1.5 M	3CG180 H10 V17		PAA180 H10 V18N
	1.75 M - 2.25 M	3CG100 I7 V17/45	5MCA80 I12 VSC/45	PAA120 J8 V18N
	2.5 M - 4 M	3CG80 K5 V17/45	5MCA80 I12 VSC/45	PAA100 J10 V18N
	Above 4.25 M	3CG60 K5 V17/45	5MCA60 J12 VSC/45	PAA80 J10 V18N



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