

COLD ROLL GRINDING



FORTIS Mill

Elevate Cold Rolling Mill Productivity: Precision Grinding for Optimal Roll Life.

NEW: Fortis Mill Cold Roll Grinding Wheels are designed to provide flawless surface finishes with precision and consistency. These wheels combine innovative ceramic grain technology with advanced formulations that ensure smooth, scratch-free surface roughness (Ra) as low as 0,05. Fortis Mill wheels allow you to tackle even the hardest materials with enhanced durability and faster grinding cycles, reducing operational costs while achieving maximum roll life.

Benefits of Fortis Mill

- ▶ Reduced downtime
- ▶ Fewer wheel changeovers
- ▶ Precision surface finishes
- ▶ Shorter cycle times
- ▶ Lower costs

up to
20%
longer wheel life &
a better surface finish



Partner with us and grind through your challenges.

FORTIS Mill Cold Roll Grinding Wheels



Ceramic grain technology **boosts material removal rates** up to 20%, improving productivity and shortening grinding cycles.



Universal specification provides high performance on different materials, which reduces changeovers and wheel inventory.



Custom solutions ensure optimal performance tailored to meet your specific requirements.



New wheel formulation **improves the G-ratio**, delivering faster grinding with less wear for increased efficiency.



Ultra**lock**
TECHNOLOGY

Enhanced grain retention **extends wheel life** up to 20%, reducing consumable spend and changeovers.

oSA® EN 12413

On-site technical support and industry compliance keep your grinding process optimized and **your people safe.**

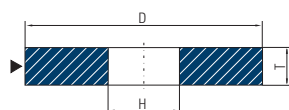


Consistently delivers **precision surface finishes** that meet strict straightness and roughness requirements.

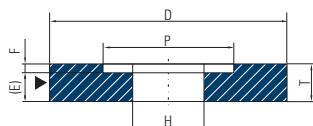
PERFORMANCE TIERS

TIER	ATTRIBUTES	VALUE
Max Performance	High performance ceramic abrasive UltraLock technology	Maximum material removal rate (MRR) Longest wheel life Shortest cycle times
High Performance	High performance ceramic abrasive paired with engineered aluminum oxide abrasive UltraLock technology	High MRR Long wheel life
Performance	Engineered aluminum oxide abrasive paired with high performance ceramic abrasive UltraLock technology	Medium MRR Excellent cost performance

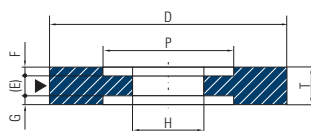
SPECIFICATIONS



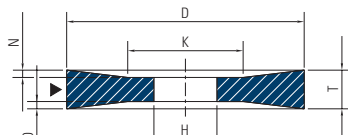
TYPE 1



TYPE 5



TYPE 7



TYPE 21

	Minimum	Maximum
D - Diameter (mm)	350	1100
H - Arbor Hole (mm)	127	508
T - Thickness (mm)	38	152
Max Operating Speed	up to 63 m/s	

	Surface Quality (Ra)
Grit # 180	0,09 - 0,05
Grit # 120	0,16 - 0,10
Grit # 80	0,2 - 0,4
Grit # 60	0,3 - 0,6

Common Equipment	
Herkules	Pomini
Waldrich	Churchill
Landis	Farrel
Schautt	Fortuna

Materials
Forged Steel



+386 2 333 16 00 / emea.weilerabrasives.com