

**KGS Telum® CH Ferrzon®,
KGS Telum® H & Flexis® 21
ROLL GRINDING**

KGS Telum® CH FERRZON®, KGS Telum® H & Flexis® 21

INDUSTRY

Pulp, paper & printing industries, hot rolling mills, transportation, oil, gas, mining, drilling industry.

MAIN APPLICATIONS

For wet grinding of tubes, cylinders, shafts, bars, shock absorbers, hydraulic rams made of hard to grind alloys, or thermal spray coatings. Telum® CH Ferrzon® (CBN) belts are specifically designed for stripping old thermal spray coating during the refurbishment process. These belts, are suited for either removing hard coatings and calibrating the metal surface below the coating, removing chrome plated coatings in preparation for replacement HVOF coating or re-chroming.

Start your dimensioning step of your operation with KGS Telum® H or Flexis® 21. These nickel belts are engineered for fast grinding operations requiring high stock removal. Easy to use and still providing consistent and accurate results. Depending on the Ra finish your product requires, these products provide the right preparation for a final finish and polish step with the resin bond Telum® CH product. Increase productivity, keep your costs under control and maintain your service level when finishing hard-to-grind materials – like thermal spray coatings.

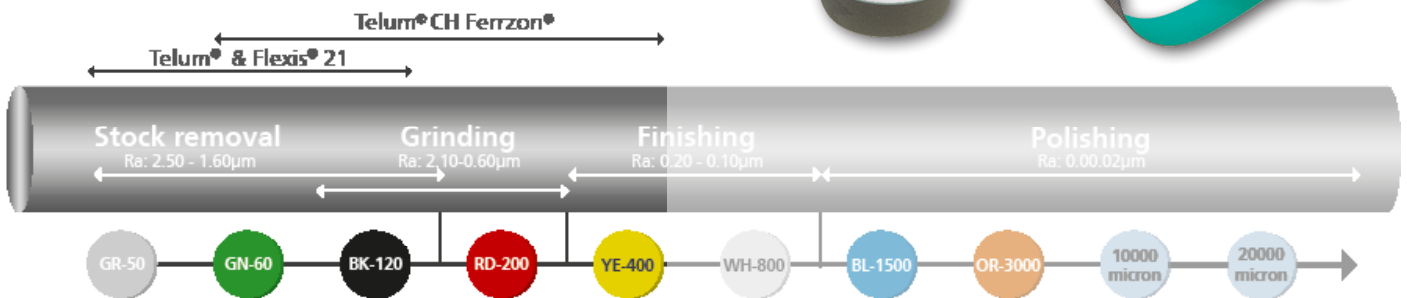
Telum® CH FERRZON® (CBN) belts are specifically designed for stripping old thermal spray coating during the refurbishment process. KGS Telum® H and Flexis® belts are the ideal solution for dimensioning your hard-coated rolls. Not only will you achieve more consistent and predictable results, you will also reduce the costs of your precision parts due to a higher throughput with our KGS systems.

TYPE OF GRINDING MACHINES

Centerless, cylindrical, roll grinding, toolpost grinders.

THE GRINDING PROCESS

Fast grinding operations with high stock removal.



PRODUCT OFFERING

KGS Telum® CH FERRZON® - Individual resin “island” with CBN minerals positioned in a thick layer of hard resin, bonded on a strong thick backer material.

KGS Telum® H - Increased shear and tear strength. The belts have an exceptional long life - smooth running with consistent finishing. For heavy stock removal.

KGS Flexis® 21 - Belts have an aggressive grinding action with free cutting, high temperature resistance and improved coolant flow.

PRODUCT OVERVIEW

Product	Pattern	Backer	Flexibility	Stretch	Grit availability	Wet/Dry	Joint type
		Backing type					
Telum® CH FERRZON® Belts	Telum® CH FERRZON®	BP2 - Heavy and very durable backing, Y-weight poly-cotton, waterproof	Medium	Low	60, 120, 200, 400	Wet or mist of water	SF
Telum® H Belts	Telum® H	BP2 - Heavy and very durable backing, Y-weight poly-cotton, waterproof	Medium	Low	50, 60, 120	Wet or mist of water	SF
Flexis® Belts	Flexis® 21	BP2 - Heavy and very durable backing, Y-weight poly-cotton, waterproof	Medium	Low	50, 60, 120	Wet or mist of water	SF

Dimensions (mm)	Telum® CH Ferrzon® Belts		Telum® H		Flexis®	
	min	max	min	max	min	max
Width	8	300	8	3000	8	3000