

KGS
Swiss Diamond Technology®



KGS Flexis® Belts

GRINDING / FINISHING

KGS Flexis® Belts

Large flexible diamond belts used for finishing ceramics, carbides and hard-coated materials. This product is mainly used for grinding thermal barrier coatings, from rough surface to required finish, geometry and cleaning of profile.

INDUSTRY

Aerospace, energy (industrial gas turbines)

MAIN APPLICATIONS

Finishing ceramics, carbides, and hardcoated materials.
Removing coating overspray or removing coatings prior to refurbishment

- Grinding thermal barrier coatings
- Grinding from rough surface to required finish and geometry
- Cleaning of profile

TYPE OF GRINDING MACHINES

Grinding machines with multiple axis.

PRODUCT OVERVIEW

KGS Flexis® - Belts for manual and stationary operations.

Product	Pattern	Backer			Wet/Dry	Joint type
		Backing type	Flexibility	Stretch		
Flexis® Belts	Flexis®	BPG - Flexible polyester backing, XF-weight polyester, waterproof	Medium	Low	Wet or mist of water	SF

Flexis®							
Dimensions (mm)	min	max	Grit availability				
Width x Length	8x305	300x5000	320	400	200	800	1500

