

SURFACE CONDITIONAL MATERIAL (SCM) TOOLS



General information

We are manufacturing SCM discs, our production is about reprocessing jumbo rolls of SCM, then finally changing into unique smaller sizes SCM grinding and polishing tools. They are adaptable to contours; the performance capacity is good and steady.



ADVANTAGES:

- ▶ Removal of surface defects
- ▶ Finishing in a single operation
- ▶ Refining grind lines in step by step with coated abrasives.
- ▶ Combination capacity within aggressivity, finish and vitality

RECOMMENDATIONS FOR USE:

Apply with variety of grinders, can be used wet, dry or in conjunction with grinding fluids.

Diameter	Grit	Opt RPM	Max RPM	Package	Exchange part shape
1"	See table	11000	15000	100pcs	
1.5"	S1, S2, S3,	7000	10000	100pcs	
2"	S4 below	5500	7500	50pcs	
3"		3800	5000	25pcs	

SCM STANDARD TYPE:

TABLE S1:

Production code	Colour	Back Colour	Grade	Grit		Products Available									
				Type	Size	Jumbo	Jum-bollino	Disc	Quick change disc	Fibre backed disc	Long belt	Wide belt	Sleeve	File belt	
S86	Dark Brown	Light Blue	Extra Coarse A	Aluminium Oxide	46	●	●	●	●	●	●	●	●	●	●
S65	Brown	Brown	Coarse A		50	●	●	●	●	●	●	●	●	●	●
S66	Maroon	Maroon	Medium A		100	●	●	●	●	●	●	●	●	●	●
S67	Blue	Blue	Very Fine A		180	●	●	●	●	●	●	●	●	●	●
S68	Gray	Gray	Super Fine S	Silicon Carbide	600	●	●	●	●		●	●	●	●	

A variety choices of raw material is available, more information please visit www.kytools.cn or contact sale@kytools.cn

ADVANTAGES:

- ▶ Secure Hook & Loop fastening system
- ▶ Reduce stages of operation
- ▶ Resistant to water, oil

APPLICATIONS:

Removal of coating without affecting the underlying surface.
High flexibility and very stock removal rates with a very long tool life and is very aggressive.

SCM HYPERFLEX TYPE:

TABLE S2:

Production code	Colour	Back Colour	Grade	Grit		Products Available		
				Type	Size	Jumbo	Jumbolino	Fibre backed disc
K64	Dark Brown	Light Blue	Extra Coarse A	Aluminium Oxide	46	●	●	●
K83	Brown	Brown	Coarse A		60	●	●	●
K84	Maroon	Maroon	Medium A		120	●	●	
K85	Blue	Blue	Very Fine A		180	●	●	
K86	Light Blue	Light Blue	Super Fine S		320	●	●	

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ADVANTAGES:

- ▶ Secure Hook & Loop fastening system
- ▶ Reduce stages of operation
- ▶ Resistant to water, oil

APPLICATIONS:

Suitable for universal work on metal surfaces in stationary applications, e.g. removal of rough grinding traces, removal of oxidation and light deburring work.
Achieve matt and satin-finished surfaces.

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SCM – HEAVY DUTY TYPE

TABLE S3:

Production code	Colour	Backing Colour	Grade	Grit		Products Available					
				Type	Size	Jumbo	Jumbolino	Disc	Quick change disc	Fibre backed disc	
G89	Purple	Purple	Extra Coarse A	Aluminium Oxide	46				●	●	●
G90	Brown	Purple	Coarse A		50	●	●	●	●	●	●
G99	Maroon	Purple	Medium A		100	●	●	●	●	●	●

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ADVANTAGES:

- ▶ Secure Hook & Loop fastening system
- ▶ Reduce stages of operation
- ▶ Resistant to water, oil

APPLICATIONS:

It is designed especially for heavy duty applications. The highly aggressive and durable roloc disc is suitable, for materials such as stainless steel, exotic alloys and other hard to grind metals.

SCM – LOW STRETCH TYPE

TABLE S4:

Production code	Colour	Grade	Grit		Products Available					
			Type	Size	Jumbo	Jumbolino	Long belt	Wide belt	Sleeve	File belt
Q91	Brown	Coarse A	Aluminium Oxide	60	●	●	●	●	●	●
Q92	Maroon	Medium A		120	●	●	●	●	●	●
Q93	Light Blue	Very Fine A		180	●	●	●	●	●	●

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ADVANTAGES:

- ▶ Able to withstand higher speed und high working pressure
- ▶ Reduce stages of operation
- ▶ Resistant to water, oil etc

APPLICATIONS:

Glass industry:
Removal of excess polymer from edges of laminated safety glass

SIMILAR PRODUCTS OF MAJOR COMPETITORS :

Code	3M	Norton	Bibielle
G89	SD A-Crs	Vortex RP LF	-
S86	A-Crs	Rapid Prep LP	SCHD Coarse
G90	A-Crs	Vortex RP LF	-
S65	A-Crs	Rapid Prep LP	SCHD Coarse
G99	A-Med	Vortex RP LF	-
S66	A-Med	Rapid Prep LP	SCSB Medium
S67	A-Med	Rapid Prep LP	SCSB Very Fine

