

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 | Jumbolino | 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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General information

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 |

