

SIA PERFO



QUICK CHANGE DISCS

Fast secure attachments for small abrasive discs.



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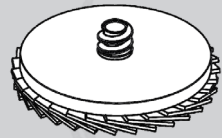
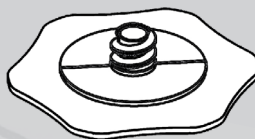
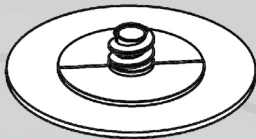
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QUICK CHANGE DISCS

20 Years of Experience In the
Design and Manufacture of
Industrial Quality Quick Change Discs



SIA PERFO offer a comprehensive range of quick change discs and use only high quality abrasive materials to cover the full range of surface finishing applications



Available in all diameters you need
With convenient mounting systems
For any of your applications

Our Customer Focussed Approach
Ensures Your Job Satisfaction

QUICK CHANGE DISCS

QUICK CHANGE DISCS - INTRODUCTION

Fast, secure attachment for small abrasive discs

Designed to replace glued-on discs or discs held with a center screw.

"Easy On, Easy Off"

Widest availability range of coated abrasive and non-woven material types, grit sizes, and diameters.

ADVANTAGES

- Instant disc changes
- Disc is automatically centered
- Very smooth running
- No tools needed
- Excellent for high volume, high production operations
- Easy to change grit sizes, diameters, disc materials
- High quality construction
- Problem-free!
- Grit size is printed on every disc



APPLICATIONS

- Used on small portable air or electric grinders
- Light weld removal
- Deburring
- Blending
- Removing "flash" and "parting lines"
- Removing imperfections



TOOLS USED FOR QUICK-CHANGE DISCS

- Hand-held, right angle tools
- Air powered (pneumatic)
- Typically 1/3 to 1/2 Horsepower
- 12,000 to 20,000 RPM Speed
- Electric Variable low speed 1500 – 8000 RPM
- Known as "Die Grinders" or "Disc Sanders"



KEY MARKETS FOR QUICK CHANGE DISCS



Metal Fabrication and Doors
Metal Furniture and Cabinets
Architectural Railings and Trim



Commercial Food Processing Equipment
Tanks for Processing and Storage



Orthopedic and Medical
Aluminum Extrusions
Decorative Metal & Jewelry



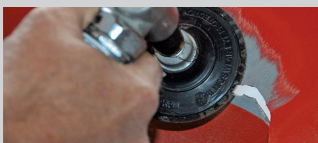
Tools and Cutlery
Metal Stampings
Foundries (Metal Castings)



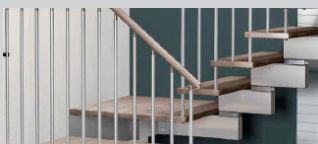
Aerospace & Marine
Aircraft and Aircraft Equipment



Gas Turbines for Power Plants
Oil Field Equipment



Automotive Refinishing
Marine



Builders and Plumbing Fixtures
Valves and Assemblies

QUICK CHANGE DISCS

APPLICATION

MOST AGGRESSIVE

LESS AGGRESSIVE

| | GRINDING | | | | FINISHING | BLENDING | CLEANING | POLISHING |
|---|---|--|---|--|--|--|------------------------|--------------------|
| | EXTRA HEAVY | HEAVY | GENERAL | LIGHT | | | | |
| A - ALUMINIUM OXIDE | | | GENERAL USE ON STEEL | | | | | |
| AE - ALUMINIUM OXIDE EXTRA WITH TOPSIZE | | | EDGE GRINDING, UNIVERSALLY SUITABLE FOR STEEL | | | | | |
| SIC - SILICON CARBIDE | | | USE ON ON ALUMINIUM, COPPER, BRONZE, TITANIUM, AND PVC'S | | | | | |
| ZK - ZIRCONIA WITH TOPSIZE | | COARSE GRINDING OF STEEL | | | | | | |
| ZKA - ZIRCONIA ALUMINA | | GRINDING OF NON-FERROUS METALS | | | | | | |
| ZR - 2 COAT ZIRCONIA ALUMINA | | COOL GRINDING & EDGE STABILITY ON STAINLESS STEEL, COOPER ALLOYS & BRASS | | | | | | |
| XPS - 100% CERAMIC OXIDE WITH TOPSIZE | ESPECIALLY GOOD GRINDING RESULTS ON ALUMINIUM AND TITANIUM | | | | | | | |
| XC - CERAMIC OXIDE WITH TOPSIZE (X-WEIGHT) | HD&COOL CUT OF HIGH-ALLOY STEEL, TITANIUM, BRASS AND BRONZE | | | | | | | |
| XCX - CERAMIC OXIDE WITH TOPSIZE (Y-WEIGHT) | HD&COOL CUT OF HIGH-ALLOY STEEL, TITANIUM, COBALT, CHROME | | | | | | | |
| XF - FIBRE CERAMIC OXIDE WITH TOPSIZE | XC FIBRE BACKED FOR HIGH AGGRES- SIVE GRINDING AND EDGE STABILITY | | | | | | | |
| XCX - CERAMIC OXIDE | COOL GRINDING & EDGE STABILITY ON STEEL, COOPER ALLOYS & BRASS | | | | | | | |
| XCZ - CERAMIC OXIDE FOR HD GRINDING APPLICATIONS | EXTRA HEAVY GRINDING ON HIGH-ALLOY STEEL | | | | | | | |
| CGA - COMPACTGRAIN ALUMINIUM OXIDE | | USE FOR UNIFORM FINISH ON ALL METALS | | | | | | |
| CBS - COMPACTGRAIN SILICON CARBIDE | | USE FOR GLOSS FINISH ON ALL METALS | | | | | | |
| SCM - STANDARD SURF. CONDITIONING | | USE FOR DEBURRING, CLEANING WELDS, BLENDING GRIND LINES ON MILD STEEL & STAINLESS STEEL | | | | | | |
| SCSB - PERFORMANCE SURF. CONDITIONING | | USE FOR DEBURRING, CLEANING WELDS, BLENDING GRIND LINES ON HIGH ALLOY STEEL, AND ALL NON-FERROUS METALS INCLUDING ALUMINIUM | | | | | | |
| SCHD - HEAVY DUTY SURF. CONDITIONING | | USE AS ONE STEP FOR AGGRESSIVE DEBURRING TO UNIFORM BRIGHT FINISH | | | | | | |
| CFGP - GENERAL PURPOSE CLEAN & FINISH | | | | | | FINE CLEANING PAINTED & METAL SURFACES | | |
| CFHD - HEAVY DUTY CLEAN & FINISH | | | | | | CONTOUR GRINDING & CLEANING OF METAL | | |
| UNI - UNITIZED | | | | USE FOR DEBURRING, POLISHING, CLEANING OR FINISHING METALS AND COMPOSITES | | | | |
| DAX - DIAMOND | USE FOR GRINDING HARD METAL, E.G. TUNGSTEN CARBIDE, TITANIUM CARBIDE, GLASS, CERAMIC, FIBRE GLASS, STONE | | | | | | | |
| TRZ - TRIZACT | | | | | STAINLESS STEEL, CARBON STEEL, HIGH-NICKEL ALLOYS & TITANIUM | | | |
| FLC - FIBER CLOTH | | | | | STAINLESS STEEL, GALVANIZED STEEL, TITANIUM ALLOYS | | | |
| PFD - FELT | | | | | | | | POLISH SURFACES |
| SPCA - SPECIAL SHAPE COATED (SCALLOPED) | | IDEAL FOR GRINDING IN HARD-TO-REACH AREAS | | | | | | |
| SPSC - SPECIAL SHAPE SURF. COND. (SCALLOPED) | | IDEAL FOR DEBURRING, CLEANING WELDS, BLENDING IN HARD-TO-REACH AREAS | | | | | | |
| FLA - MINI FLAP DISCS | OUTSTANDING GRINDING PERFORMANCE. USE FOR WELD DRESSING IN HARD-TO-REACH AREAS | | | | | | | |
| CSD - CLEAN & STRIP | | | | | | | PAINT, RUST REMOVAL | |

MOUNTING STYLE

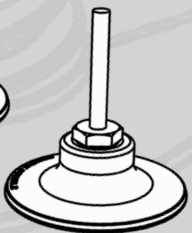
HOLDER PAD OPTIONS

| DIA | SPINDLE 6mm | THREAD | | DENSITY | | |
|-----|----------------|--------|-----|---------|--------|------|
| | | M10 | M14 | SOFT | MEDIUM | HARD |
| 20 | X | X | X | | X | |
| 25 | X | X | X | | X | |
| 38 | X | X | X | | X | |
| 50 | X | X | X | X | X | X |
| 75 | X | X | X | X | X | X |

RUBBER HOLDER
WITH M10 / M14 THREAD



RUBBER HOLDER
WITH SPINDLE THREAD



FIXING OPTIONS

| DIA | RD | SD | GD |
|-----|----|----|-----|
| 20 | ✓ | ✓ | N/A |
| 25 | ✓ | ✓ | N/A |
| 38 | ✓ | ✓ | ✓ |
| 50 | ✓ | ✓ | ✓ |
| 75 | ✓ | ✓ | ✓ |

RD TYPE

Screw connection with
outer plastic thread



SD TYPE

Screw connection with
inner metal thread



GD TYPE

Grippeur connection



SDP TYPE

Plastic Screw connection
with inner thread



PMS TYPE

Plastic outer with
inner metal thread



CUTTING SPEED

CUTTING SPEED QUICK CHANGE DISCS

The cutting speeds are represented using red diagonal lines. The vertical line represents the tool dia. meets the given cutting speed (diagonals). From its point of intersection you will find the corresponding rotational speed RPM of the Quick Change Discs and machine in the left margin.

Example

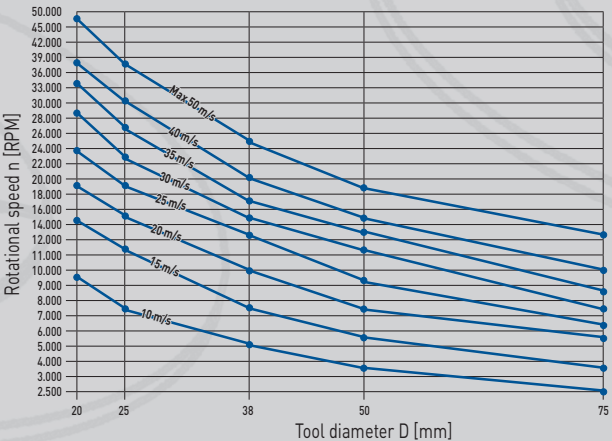
RD50 ZK-080

ZK - ZIRCONIA WITH TOPSIZE

Application: Grinding of Stainless Steel

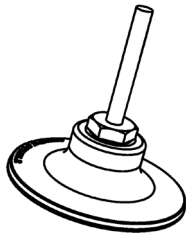
Cutting speed: 20-25 m/s

Speed range: 10.000-13.000 RPM



QUICK CHANGE DISC HOLDERS

RUBBER BACKING PAD WITH SPINDLE



R-TYPE

| Dia/Dens. | Soft | Medium | Hard |
|-----------|--------|---------|--------|
| 20 | N/A | RDH20M | N/A |
| 25 | N/A | RDH25M | N/A |
| 38 | N/A | RDH38M | N/A |
| 50 | RDH50S | RDH50M | RDH50H |
| 75 | RDH75S | RDH75M | RDH75H |
| 100 | N/A | RDH100M | N/A |

S-TYPE

| Soft | Medium | Hard |
|--------|---------|--------|
| N/A | SDH20M | N/A |
| N/A | SDH25M | N/A |
| N/A | SDH38M | N/A |
| SDH50S | SDH50M | SDH50H |
| SDH75S | SDH75M | SDH75H |
| N/A | SDH100M | N/A |

RUBBER BACKING PAD WITH M14 THREAD



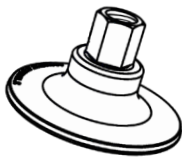
R-TYPE

| Dia/Dens. | Soft | Medium | Hard |
|-----------|------------|-------------|------------|
| 20 | N/A | RDH20M-M14 | N/A |
| 25 | N/A | RDH25M-M14 | N/A |
| 38 | N/A | RDH38M-M14 | N/A |
| 50 | RDH50S-M14 | RDH50M-M14 | RDH50H-M14 |
| 75 | RDH75S-M14 | RDH75M-M14 | RDH75H-M14 |
| 100 | N/A | RDH100M-M14 | N/A |

S-TYPE

| Soft | Medium | Hard |
|------------|-------------|------------|
| N/A | SDH20M-M14 | N/A |
| N/A | SDH25M-M14 | N/A |
| N/A | SDH38M-M14 | N/A |
| SDH50S-M14 | SDH50M-M14 | SDH50H-M14 |
| SDH75S-M14 | SDH75M-M14 | SDH75H-M14 |
| N/A | SDH100M-M14 | N/A |

RUBBER BACKING PAD WITH M10 THREAD



R-TYPE

| Dia/Dens. | Soft | Medium | Hard |
|-----------|------------|-------------|------------|
| 20 | N/A | RDH20M-M10 | N/A |
| 25 | N/A | RDH25M-M10 | N/A |
| 38 | N/A | RDH38M-M10 | N/A |
| 50 | RDH50S-M10 | RDH50M-M10 | RDH50H-M10 |
| 75 | RDH75S-M10 | RDH75M-M10 | RDH75H-M10 |
| 100 | N/A | RDH100M-M10 | N/A |

S-TYPE

| Soft | Medium | Hard |
|------------|-------------|------------|
| N/A | SDH20M-M10 | N/A |
| N/A | SDH25M-M10 | N/A |
| N/A | SDH38M-M10 | N/A |
| SDH50S-M10 | SDH50M-M10 | SDH50H-M10 |
| SDH75S-M10 | SDH75M-M10 | SDH75H-M10 |
| N/A | SDH100M-M10 | N/A |

Other holder types are available on request

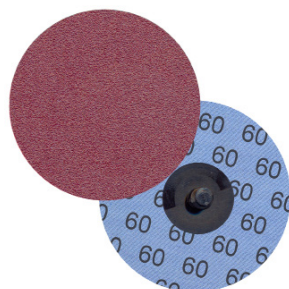
A - ALUMINIUM OXIDE

DESCRIPTION

Aluminium oxide A type is suitable for general use on metals and other materials.

PRODUCT PROFILE

Available sizes: 20, 25, 38, 50, 75mm
 Mounting styles: SD, RD
 Grit range: P36-500
 Backing: 2ply



SD TYPE

Screw connection with inner metal thread



| Dia/Grit | 36 | 40 | 60 | 80 | 100 | 120 |
|----------|------------|------------|------------|------------|------------|------------|
| 20 | SD20 A-036 | SD20 A-040 | SD20 A-060 | SD20 A-080 | SD20 A-100 | SD20 A-120 |
| 25 | SD25 A-036 | SD25 A-040 | SD25 A-060 | SD25 A-080 | SD25 A-100 | SD25 A-120 |
| 38 | SD38 A-036 | SD38 A-040 | SD38 A-060 | SD38 A-080 | SD38 A-100 | SD38 A-120 |
| 50 | SD50 A-036 | SD50 A-040 | SD50 A-060 | SD50 A-080 | SD50 A-100 | SD50 A-120 |
| 75 | SD75 A-036 | SD75 A-040 | SD75 A-060 | SD75 A-080 | SD75 A-100 | SD75 A-120 |

| Dia/Grit | 150 | 180 | 240 | 320 | 400 | 500 |
|----------|------------|------------|------------|------------|------------|------------|
| 20 | SD20 A-150 | SD20 A-180 | SD20 A-240 | SD20 A-320 | SD20 A-400 | SD20 A-500 |
| 25 | SD25 A-150 | SD25 A-180 | SD25 A-240 | SD25 A-320 | SD25 A-400 | SD25 A-500 |
| 38 | SD38 A-150 | SD38 A-180 | SD38 A-240 | SD38 A-320 | SD38 A-400 | SD38 A-500 |
| 50 | SD50 A-150 | SD50 A-180 | SD50 A-240 | SD50 A-320 | SD50 A-400 | SD50 A-500 |
| 75 | SD75 A-150 | SD75 A-180 | SD75 A-240 | SD75 A-320 | SD75 A-400 | SD75 A-500 |

RD TYPE

Screw connection with outer plastic thread



| Dia/Grit | 36 | 40 | 60 | 80 | 100 | 120 |
|----------|------------|------------|------------|------------|------------|------------|
| 20 | RD20 A-036 | RD20 A-040 | RD20 A-060 | RD20 A-080 | RD20 A-100 | RD20 A-120 |
| 25 | RD25 A-036 | RD25 A-040 | RD25 A-060 | RD25 A-080 | RD25 A-100 | RD25 A-120 |
| 38 | RD38 A-036 | RD38 A-040 | RD38 A-060 | RD38 A-080 | RD38 A-100 | RD38 A-120 |
| 50 | RD50 A-036 | RD50 A-040 | RD50 A-060 | RD50 A-080 | RD50 A-100 | RD50 A-120 |
| 75 | RD75 A-036 | RD75 A-040 | RD75 A-060 | RD75 A-080 | RD75 A-100 | RD75 A-120 |

| Dia/Grit | 150 | 180 | 240 | 320 | 400 | 500 |
|----------|------------|------------|------------|------------|------------|------------|
| 20 | RD20 A-150 | RD20 A-180 | RD20 A-240 | RD20 A-320 | RD20 A-400 | RD20 A-500 |
| 25 | RD25 A-150 | RD25 A-180 | RD25 A-240 | RD25 A-320 | RD25 A-400 | RD25 A-500 |
| 38 | RD38 A-150 | RD38 A-180 | RD38 A-240 | RD38 A-320 | RD38 A-400 | RD38 A-500 |
| 50 | RD50 A-150 | RD50 A-180 | RD50 A-240 | RD50 A-320 | RD50 A-400 | RD50 A-500 |
| 75 | RD75 A-150 | RD75 A-180 | RD75 A-240 | RD75 A-320 | RD75 A-400 | RD75 A-500 |

AE - ALUMINIUM OXIDE EXTRA with TopSize

DESCRIPTION

Aluminium oxide AE type with Topsize for cool cutting and self lubricating.

Use for grinding of surgery instruments, fittings, valves, form parts, stainless steel welded parts.

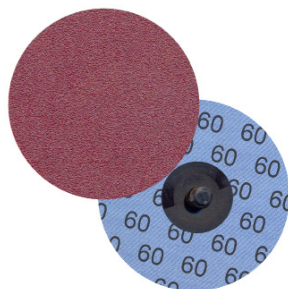
PRODUCT PROFILE

Available sizes: 25, 38, 50, 75mm

Mounting styles: SD, RD

Grit range: P36-120

Backing: 2ply



SD TYPE

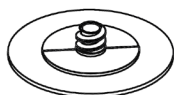
Screw connection with inner metal thread



| Dia/Grit | 36 | 40 | 60 | 80 | 100 | 120 |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| 25 | SD25 AE-036 | SD25 AE-040 | SD25 AE-060 | SD25 AE-080 | SD25 AE-100 | SD25 AE-120 |
| 38 | SD38 AE-036 | SD38 AE-040 | SD38 AE-060 | SD38 AE-080 | SD38 AE-100 | SD38 AE-120 |
| 50 | SD50 AE-036 | SD50 AE-040 | SD50 AE-060 | SD50 AE-080 | SD50 AE-100 | SD50 AE-120 |
| 75 | SD75 AE-036 | SD75 AE-040 | SD75 AE-060 | SD75 AE-080 | SD75 AE-100 | SD75 AE-120 |

RD TYPE

Screw connection with outer plastic thread



| Dia/Grit | 36 | 40 | 60 | 80 | 100 | 120 |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| 25 | RD25 AE-036 | RD25 AE-040 | RD25 AE-060 | RD25 AE-080 | RD25 AE-100 | RD25 AE-120 |
| 38 | RD38 AE-036 | RD38 AE-040 | RD38 AE-060 | RD38 AE-080 | RD38 AE-100 | RD38 AE-120 |
| 50 | RD50 AE-036 | RD50 AE-040 | RD50 AE-060 | RD50 AE-080 | RD50 AE-100 | RD50 AE-120 |
| 75 | RD75 AE-036 | RD75 AE-040 | RD75 AE-060 | RD75 AE-080 | RD75 AE-100 | RD75 AE-120 |

ZK - ZIRCONIA with TopSize

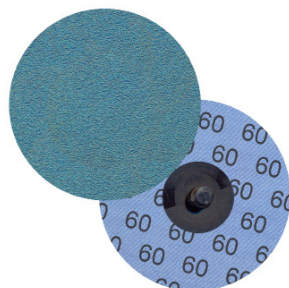
DESCRIPTION

Zirconia with TopSize is suitable for stainless steel and hard metals.

Extended lifetime
Aggressive cutting power
Cool cut

PRODUCT PROFILE

Available sizes: 25, 38, 50, 75mm
Mounting styles: SD, RD
Grit range: P24-120
Backing: 2ply



SD TYPE

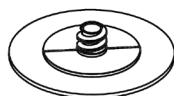
Screw connection with inner metal thread



| Dia/Grit | 24 | 36 | 40 | 60 | 80 | 120 |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| 25 | SD25 ZK-024 | SD25 ZK-036 | SD25 ZK-040 | SD25 ZK-060 | SD25 ZK-080 | SD25 ZK-120 |
| 38 | SD38 ZK-024 | SD38 ZK-036 | SD38 ZK-040 | SD38 ZK-060 | SD38 ZK-080 | SD38 ZK-120 |
| 50 | SD50 ZK-024 | SD50 ZK-036 | SD50 ZK-040 | SD50 ZK-060 | SD50 ZK-080 | SD50 ZK-120 |
| 75 | SD75 ZK-024 | SD75 ZK-036 | SD75 ZK-040 | SD75 ZK-060 | SD75 ZK-080 | SD75 ZK-120 |

RD TYPE

Screw connection with outer plastic thread



| Dia/Grit | 24 | 36 | 40 | 60 | 80 | 120 |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| 25 | RD25 ZK-024 | RD25 ZK-036 | RD25 ZK-040 | RD25 ZK-060 | RD25 ZK-080 | RD25 ZK-120 |
| 38 | RD38 ZK-024 | RD38 ZK-036 | RD38 ZK-040 | RD38 ZK-060 | RD38 ZK-080 | RD38 ZK-120 |
| 50 | RD50 ZK-024 | RD50 ZK-036 | RD50 ZK-040 | RD50 ZK-060 | RD50 ZK-080 | RD50 ZK-120 |
| 75 | RD75 ZK-024 | RD75 ZK-036 | RD75 ZK-040 | RD75 ZK-060 | RD75 ZK-080 | RD75 ZK-120 |

ZKA - ZIRCONIA ALUMINA

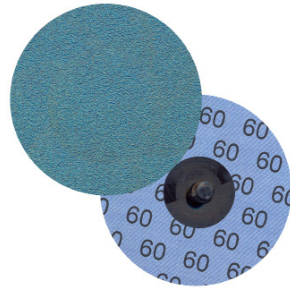
DESCRIPTION

Zirconia Alumina ZKA type is suitable for all metals.

Extended lifetime
Aggressive cutting power
Cool cut

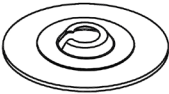
PRODUCT PROFILE

Available sizes: 25, 38, 50, 75mm
Mounting styles: SD, RD
Grit range: P24-120
Backing: 2ply
[Other grits available on request](#)



SD TYPE

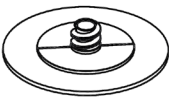
Screw connection with
inner metal thread



| Dia/Grit | 24 | 36 | 60 | 80 | 120 |
|----------|--------------|--------------|--------------|--------------|--------------|
| 25 | SD25 ZKA-024 | SD25 ZKA-036 | SD25 ZKA-060 | SD25 ZKA-080 | SD25 ZKA-120 |
| 38 | SD38 ZKA-024 | SD38 ZKA-036 | SD38 ZKA-060 | SD38 ZKA-080 | SD38 ZKA-120 |
| 50 | SD50 ZKA-024 | SD50 ZKA-036 | SD50 ZKA-060 | SD50 ZKA-080 | SD50 ZKA-120 |
| 75 | SD75 ZKA-024 | SD75 ZKA-036 | SD75 ZKA-060 | SD75 ZKA-080 | SD75 ZKA-120 |

RD TYPE

Screw connection with
outer plastic thread



| Dia/Grit | 24 | 36 | 60 | 80 | 120 |
|----------|--------------|--------------|--------------|--------------|--------------|
| 25 | RD25 ZKA-024 | RD25 ZKA-036 | RD25 ZKA-060 | RD25 ZKA-080 | RD25 ZKA-120 |
| 38 | RD38 ZKA-024 | RD38 ZKA-036 | RD38 ZKA-060 | RD38 ZKA-080 | RD38 ZKA-120 |
| 50 | RD50 ZKA-024 | RD50 ZKA-036 | RD50 ZKA-060 | RD50 ZKA-080 | RD50 ZKA-120 |
| 75 | RD75 ZKA-024 | RD75 ZKA-036 | RD75 ZKA-060 | RD75 ZKA-080 | RD75 ZKA-120 |

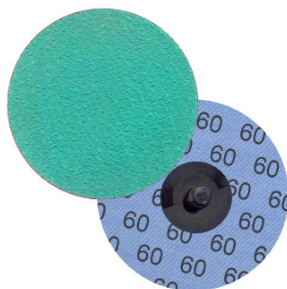
ZR - 2 COAT ZIRCONIA ALUMINA

DESCRIPTION

Zirconia Alumina ZR type with highly active additives for cool grinding with virtually no discolouration of workpieces.
High edge stability, high initial tearing resistance.
Use for general treatment of weld seams and joints and metallic materials with poor chip removal properties

PRODUCT PROFILE

Available sizes: 25, 38, 50, 75mm
Mounting styles: SD, RD
Grit range: P36-120
Backing: 3ply



SD TYPE

Screw connection with inner metal thread

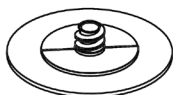


| Dia/Grit | 36 | 40 | 50 | 60 | 80 | 120* |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| 25 | SD25 ZR-036 | SD25 ZR-040 | SD25 ZR-050 | SD25 ZR-060 | SD25 ZR-080 | SD25 ZR-120 |
| 38 | SD38 ZR-036 | SD38 ZR-040 | SD38 ZR-050 | SD38 ZR-060 | SD38 ZR-080 | SD38 ZR-120 |
| 50 | SD50 ZR-036 | SD50 ZR-040 | SD50 ZR-050 | SD50 ZR-060 | SD50 ZR-080 | SD50 ZR-120 |
| 75 | SD75 ZR-036 | SD75 ZR-040 | SD75 ZR-050 | SD75 ZR-060 | SD75 ZR-080 | SD75 ZR-120 |

* - Semi-friable aluminium oxide

RD TYPE

Screw connection with outer plastic thread



| Dia/Grit | 36 | 40 | 50 | 60 | 80 | 120* |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| 25 | RD25 ZR-036 | RD25 ZR-040 | RD25 ZR-050 | RD25 ZR-060 | RD25 ZR-080 | RD25 ZR-120 |
| 38 | RD38 ZR-036 | RD38 ZR-040 | RD38 ZR-050 | RD38 ZR-060 | RD38 ZR-080 | RD38 ZR-120 |
| 50 | RD50 ZR-036 | RD50 ZR-040 | RD50 ZR-050 | RD50 ZR-060 | RD50 ZR-080 | RD50 ZR-120 |
| 75 | RD75 ZR-036 | RD75 ZR-040 | RD75 ZR-050 | RD75 ZR-060 | RD75 ZR-080 | RD75 ZR-120 |

* - Semi-friable aluminium oxide

XKSC - CERAMIC STEARATE with TopSize Coat

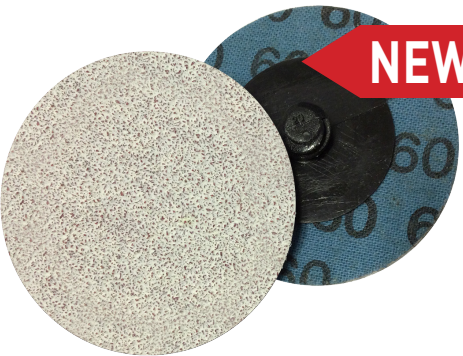
DESCRIPTION

XKSC ceramic abrasive grain with self-sharpening effect. Provides very aggressive cut and long life. Stearate coat prevents clogging and achieves extremely long service life.

Especially good grinding results on aluminium and titanium.

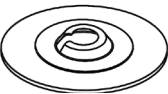
PRODUCT PROFILE

Available sizes: 50, 75mm
[25 and 38mm available on request]
Mounting styles: SD, RD
Grit range: P24-120
Backing: 3ply



SD TYPE

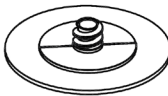
Screw connection with inner metal thread



| Dia/Grit | 24 | 36 | 40 | 60 | 80 | 120 |
|----------|---------------|---------------|---------------|---------------|---------------|---------------|
| 50 | SD50 XKSC-024 | SD50 XKSC-036 | SD50 XKSC-040 | SD50 XKSC-060 | SD50 XKSC-080 | SD50 XKSC-120 |
| 75 | SD75 XKSC-024 | SD75 XKSC-036 | SD75 XKSC-040 | SD75 XKSC-060 | SD75 XKSC-080 | SD75 XKSC-120 |

RD TYPE

Screw connection with outer plastic thread



| Dia/Grit | 24 | 36 | 40 | 60 | 80 | 120 |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| 50 | RD50 XPS-024 | RD50 XPS-036 | RD50 XPS-040 | RD50 XPS-060 | RD50 XPS-080 | RD50 XPS-120 |
| 75 | RD75 XPS-024 | RD75 XPS-036 | RD75 XPS-040 | RD75 XPS-060 | RD75 XPS-080 | RD75 XPS-120 |

XKS - ANTI CLOG

DESCRIPTION

The melting temperature of aluminum is much lower than steel. As a result, normal grinding forces elevate chip and work-zone temperatures close to the melting point of the base material. This phenomena is the root cause of "loading", the failure mode which plagues nearly all aluminum grinding operations.

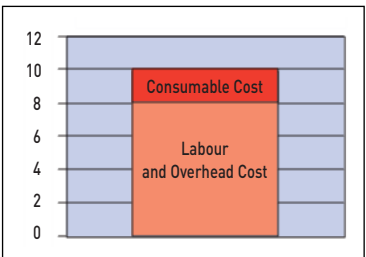
Loading is caused when superheated aluminum chips are welded to the face of the grinding product. Since the chips form a physical barrier between the work and the abrasive grains, cut rate is continuously reduced until the abrasive product becomes useless.



Users which grind aluminum have extensive knowledge of loading and its effect on operating costs. In the fabrication industry, aluminum welds often must be ground.

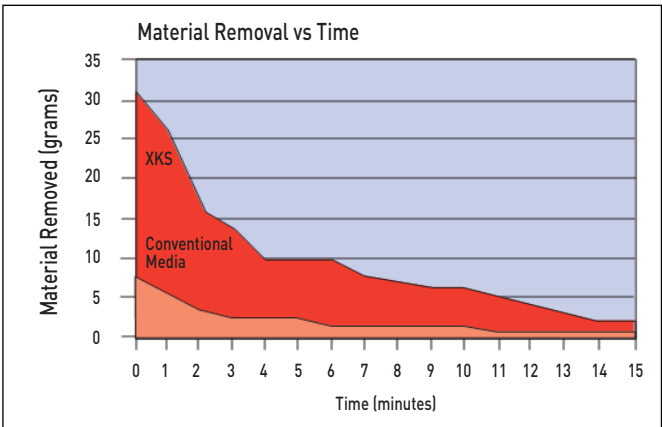
In foundries, abrasive products are frequently used to grind off gates, risers and lowwarge pieces of flash.

Spend Ratio in 15 Minutes of Grinding



The above graph shows the operating cost profile of a typical aluminum fabricating shop or foundry. In aluminum grinding operations, operator costs and overhead constitute as much as 80% of the overall grinding costs.

XKS Abrasive utilizes self cooling coating technology to enhance the QCD performance. Through reduced loading, XKS QCD products achieve enhanced performance levels on non ferrous applications.



XC - CERAMIC OXIDE with TopSize (X-weight)

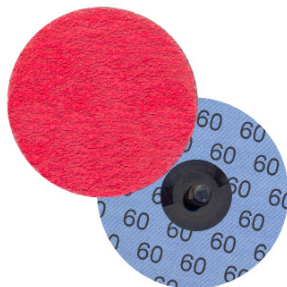
DESCRIPTION

Ceramic Oxide XC type with TopSize for longer life and cool cutting self sharpening characteristics

Use on chrome and chrome-nickel steel, high-alloy steel, nickel alloys, titanium alloys, brass and bronze.

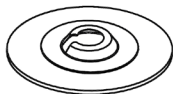
PRODUCT PROFILE

Available sizes: 25, 38, 50, 75mm
 Mounting styles: SD, RD
 Grit range: P36-120
 Backing: 2ply



SD TYPE

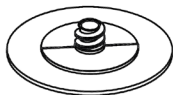
Screw connection with inner metal thread



| Dia/Grit | 36 | 40 | 60 | 80 | 100 | 120 |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| 25 | SD25 XC-036 | SD25 XC-040 | SD25 XC-060 | SD25 XC-080 | SD25 XC-100 | SD25 XC-120 |
| 38 | SD38 XC-036 | SD38 XC-040 | SD38 XC-060 | SD38 XC-080 | SD38 XC-100 | SD38 XC-120 |
| 50 | SD50 XC-036 | SD50 XC-040 | SD50 XC-060 | SD50 XC-080 | SD50 XC-100 | SD50 XC-120 |
| 75 | SD75 XC-036 | SD75 XC-040 | SD75 XC-060 | SD75 XC-080 | SD75 XC-100 | SD75 XC-120 |

RD TYPE

Screw connection with outer plastic thread



| Dia/Grit | 36 | 40 | 60 | 80 | 100 | 120 |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| 25 | RD25 XC-036 | RD25 XC-040 | RD25 XC-060 | RD25 XC-080 | RD25 XC-100 | RD25 XC-120 |
| 38 | RD38 XC-036 | RD38 XC-040 | RD38 XC-060 | RD38 XC-080 | RD38 XC-100 | RD38 XC-120 |
| 50 | RD50 XC-036 | RD50 XC-040 | RD50 XC-060 | RD50 XC-080 | RD50 XC-100 | RD50 XC-120 |
| 75 | RD75 XC-036 | RD75 XC-040 | RD75 XC-060 | RD75 XC-080 | RD75 XC-100 | RD75 XC-120 |

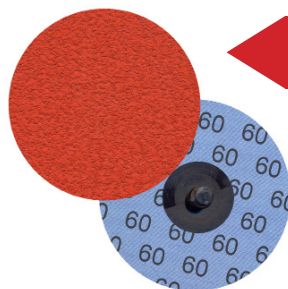
XCY - CERAMIC OXIDE with TopSize (Y-weight)

DESCRIPTION

Ceramic Oxide XCY with improved self-sharpening characteristics provide high stock removal rates and longer product life, when compared to traditional ceramic grain. Features cool cutting technology for reducing heat and increasing performance.

PRODUCT PROFILE

Available sizes: 50, 75mm
Mounting styles: SD, RD
Grit range: P36-120
Backing: 3ply



SD TYPE

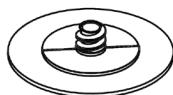
Screw connection with inner metal thread



| Dia/Grit | 36 | 60 | 80 | 120 |
|----------|--------------|--------------|--------------|--------------|
| 50 | SD50 XCY-036 | SD50 XCY-060 | SD50 XCY-080 | SD50 XCY-120 |
| 75 | SD75 XCY-036 | SD75 XCY-060 | SD75 XCY-080 | SD75 XCY-120 |

RD TYPE

Screw connection with outer plastic thread



| Dia/Grit | 36 | 60 | 80 | 120 |
|----------|--------------|--------------|--------------|--------------|
| 50 | RD50 XCY-036 | RD50 XCY-060 | RD50 XCY-080 | RD50 XCY-120 |
| 75 | RD75 XCY-036 | RD75 XCY-060 | RD75 XCY-080 | RD75 XCY-120 |

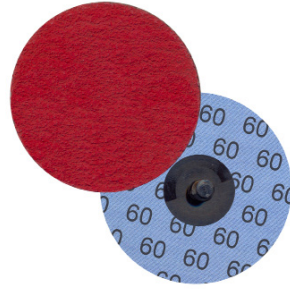
XCX - CERAMIC OXIDE

DESCRIPTION

Ceramic Oxide XCX with self sharpening characteristics provide high stock removal rates and long product life. Efficient sanding of unalloyed and low alloy steel, high-alloy steel, cast irons, nickel alloys, titanium alloys.

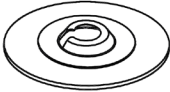
PRODUCT PROFILE

Available sizes: 25, 38, 50, 75mm
 Mounting styles: SD, RD
 Grit range: P24-120
 Backing: 2ply



SD TYPE

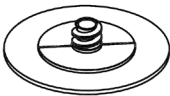
Screw connection with inner metal thread



| Dia/Grit | 24 | 36 | 40 | 60 | 80 | 120 |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| 25 | SD25 XCX-024 | SD25 XCX-036 | SD25 XCX-040 | SD25 XCX-060 | SD25 XCX-080 | SD25 XCX-120 |
| 38 | SD38 XCX-024 | SD38 XCX-036 | SD38 XCX-040 | SD38 XCX-060 | SD38 XCX-080 | SD38 XCX-120 |
| 50 | SD50 XCX-024 | SD50 XCX-036 | SD50 XCX-040 | SD50 XCX-060 | SD50 XCX-080 | SD50 XCX-120 |
| 75 | SD75 XCX-024 | SD75 XCX-036 | SD75 XCX-040 | SD75 XCX-060 | SD75 XCX-080 | SD75 XCX-120 |

RD TYPE

Screw connection with outer plastic thread



| Dia/Grit | 24 | 36 | 40 | 60 | 80 | 120 |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| 25 | RD25 XCX-024 | RD25 XCX-036 | RD25 XCX-040 | RD25 XCX-060 | RD25 XCX-080 | RD25 XCX-120 |
| 38 | RD38 XCX-024 | RD38 XCX-036 | RD38 XCX-040 | RD38 XCX-060 | RD38 XCX-080 | RD38 XCX-120 |
| 50 | RD50 XCX-024 | RD50 XCX-036 | RD50 XCX-040 | RD50 XCX-060 | RD50 XCX-080 | RD50 XCX-120 |
| 75 | RD75 XCX-024 | RD75 XCX-036 | RD75 XCX-040 | RD75 XCX-060 | RD75 XCX-080 | RD75 XCX-120 |

XF - FIBRE CERAMIC OXIDE with TopSize

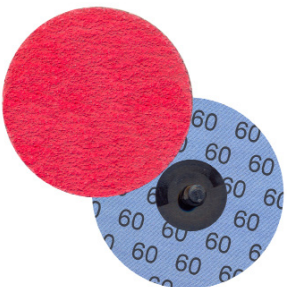
DESCRIPTION

Ceramic Oxide XF type with TopSize & Fibre backing for high aggressive and cool cutting.

Use on chrome and chrome-nickel steel, high-alloy steel, nickel alloys, titanium alloys, brass and bronze.

PRODUCT PROFILE

Available sizes: 50, 75mm
Mounting styles: SD, RD
Grit range: P24-120
Backing: 2ply



SD TYPE

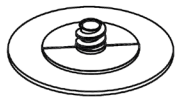
Screw connection with inner metal thread



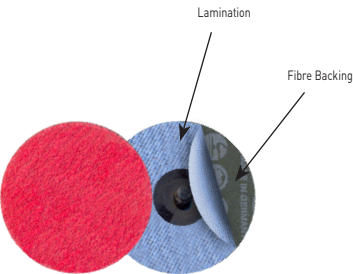
| Dia/Grit | 24 | 36 | 40 | 60 | 80 | 120 |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| 50 | SD50 XF-024 | SD50 XF-036 | SD50 XF-040 | SD50 XF-060 | SD50 XF-080 | SD50 XF-120 |
| 75 | SD75 XF-024 | SD75 XF-036 | SD75 XF-040 | SD75 XF-060 | SD75 XF-080 | SD75 XF-120 |

RD TYPE

Screw connection with outer plastic thread



| Dia/Grit | 24 | 36 | 40 | 60 | 80 | 120 |
|----------|-------------|-------------|-------------|-------------|-------------|-------------|
| 50 | RD50 XF-024 | RD50 XF-036 | RD50 XF-040 | RD50 XF-060 | RD50 XF-080 | RD50 XF-120 |
| 75 | RD75 XF-024 | RD75 XF-036 | RD75 XF-040 | RD75 XF-060 | RD75 XF-080 | RD75 XF-120 |



VSM ACTIROX AK

DESCRIPTION

The geometrically shaped ceramic grain on a very sturdy polyester backing generates maximum stock removal per unit of time when machining superalloys and stainless steel. A fast cut and an extremely long service life lead to a significant increase in productivity. The additional grinding-active TOP SIZE layer reduces the temperature in the contact area.

PRODUCT PROFILE

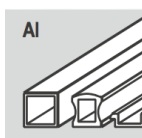
| | |
|------------------|--|
| Available sizes: | 50, 75mm (100mm available on request) |
| Colour: | Petrol |
| Bonding: | Full Resin bonded |
| Grit range: | 36+ Grit |
| Backing: | Y -Polyester + Fibre |
| Fixing: | RD only |



STAINLESS STEEL



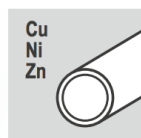
SUPER ALLOY



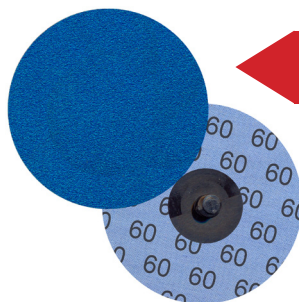
ALUMINIUM



UNALLOYED STEEL



NON-FERROUS METAL



NEW

CUBITRON II 984F

DESCRIPTION

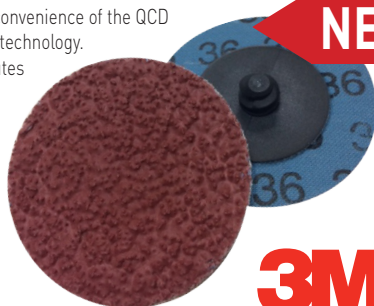
3M Cubitron II 984F abrasive material offers a superior solution for tackling metalworking applications where flexibility is required, such as weld grinding, beveling, flame-cut edge clean-up, ceramic coatings, and deburring.

To save time and increase throughput, 3M 984F abrasive combines the convenience of the QCD Quick-Change attachment system with high tec precision-shaped grain technology. This system delivers outstanding cut rates and disc life as 984F contributes to an exceptionally high cut-rate with less pressure.

A heat-activated grinding aid incorporated on the disc helps to maintain a cooler temperature on stainless steel and heat-sensitive metals such as nickel alloys and titanium, thereby reducing metal discoloration/oxidation and the chance of heat-related stress cracks. It is constructed on a Y weight, water resistant 2-ply polyester backing for added durability.

PRODUCT PROFILE

| | |
|------------------|------------|
| Available sizes: | 50, 75mm |
| Fixing: | RD only |
| Grit Range: | 36, 60, 80 |



NEW

3M™

SIC - SILICON CARBIDE

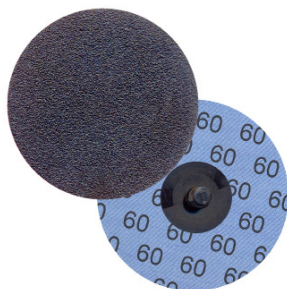
DESCRIPTION

Silicon Carbide SIC type is suitable for plastics, pane and security glass, grey cast iron.

Long lifetime on stone, ceramic, glass
High cutting rate on metal.

PRODUCT PROFILE

Available sizes: 25, 38, 50, 75mm
Mounting styles: SD, RD
Grit range: P36-600
Backing: 2ply



SD TYPE

Screw connection with
inner metal thread

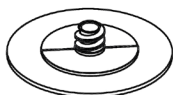


| Dia/Grit | 36 | 40 | 60 | 80 | 100 | 120 |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| 25 | SD25 SIC-036 | SD25 SIC-040 | SD25 SIC-060 | SD25 SIC-080 | SD25 SIC-100 | SD25 SIC-120 |
| 38 | SD38 SIC-036 | SD38 SIC-040 | SD38 SIC-060 | SD38 SIC-080 | SD38 SIC-100 | SD38 SIC-120 |
| 50 | SD50 SIC-036 | SD50 SIC-040 | SD50 SIC-060 | SD50 SIC-080 | SD50 SIC-100 | SD50 SIC-120 |
| 75 | SD75 SIC-036 | SD75 SIC-040 | SD75 SIC-060 | SD75 SIC-080 | SD75 SIC-100 | SD75 SIC-120 |

| Dia/Grit | 150 | 180 | 240 | 320 | 400 | 600 |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| 25 | SD25 SIC-150 | SD25 SIC-180 | SD25 SIC-240 | SD25 SIC-320 | SD25 SIC-400 | SD25 SIC-600 |
| 38 | SD38 SIC-150 | SD38 SIC-180 | SD38 SIC-240 | SD38 SIC-320 | SD38 SIC-400 | SD38 SIC-600 |
| 50 | SD50 SIC-150 | SD50 SIC-180 | SD50 SIC-240 | SD50 SIC-320 | SD50 SIC-400 | SD50 SIC-600 |
| 75 | SD75 SIC-150 | SD75 SIC-180 | SD75 SIC-240 | SD75 SIC-320 | SD75 SIC-400 | SD75 SIC-600 |

RD TYPE

Screw connection with
outer plastic thread



| Dia/Grit | 36 | 40 | 60 | 80 | 100 | 120 |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| 25 | RD25 SIC-036 | RD25 SIC-040 | RD25 SIC-060 | RD25 SIC-080 | RD25 SIC-100 | RD25 SIC-120 |
| 38 | RD38 SIC-036 | RD38 SIC-040 | RD38 SIC-060 | RD38 SIC-080 | RD38 SIC-100 | RD38 SIC-120 |
| 50 | RD50 SIC-036 | RD50 SIC-040 | RD50 SIC-060 | RD50 SIC-080 | RD50 SIC-100 | RD50 SIC-120 |
| 75 | RD75 SIC-036 | RD75 SIC-040 | RD75 SIC-060 | RD75 SIC-080 | RD75 SIC-100 | RD75 SIC-120 |

| Dia/Grit | 150 | 180 | 240 | 320 | 400 | 600 |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|
| 25 | RD25 SIC-150 | RD25 SIC-180 | RD25 SIC-240 | RD25 SIC-320 | RD25 SIC-400 | RD25 SIC-600 |
| 38 | RD38 SIC-150 | RD38 SIC-180 | RD38 SIC-240 | RD38 SIC-320 | RD38 SIC-400 | RD38 SIC-600 |
| 50 | RD50 SIC-150 | RD50 SIC-180 | RD50 SIC-240 | RD50 SIC-320 | RD50 SIC-400 | RD50 SIC-600 |
| 75 | RD75 SIC-150 | RD75 SIC-180 | RD75 SIC-240 | RD75 SIC-320 | RD75 SIC-400 | RD75 SIC-600 |

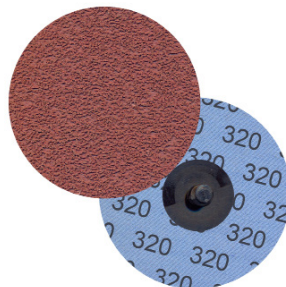
CGA - COMPACTGRAIN (ALUMINIUM OXIDE)

DESCRIPTION

Aluminium Oxide Compactgrain CGA type with self sharpening characteristics gives uniform finish. Use for finishing of unalloyed and low alloy steel, chrome and chrome-nickel steel, nickel alloys.

PRODUCT PROFILE

Available sizes: 50, 75mm
Mounting styles: SD, RD
Grit range: P80-600
Backing: 2ply



SD TYPE



Screw connection with inner metal thread

| Dia/Grit | 80 | 120 | 180 | 240 | 320 | 400 | 600 |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 50 | SD50 CGA-080 | SD50 CGA-120 | SD50 CGA-180 | SD50 CGA-240 | SD50 CGA-320 | SD50 CGA-400 | SD50 CGA-600 |
| 75 | SD75 CGA-080 | SD75 CGA-120 | SD75 CGA-180 | SD75 CGA-240 | SD75 CGA-320 | SD75 CGA-400 | SD75 CGA-600 |

RD TYPE



Screw connection with outer plastic thread

| Dia/Grit | 80 | 120 | 180 | 240 | 320 | 400 | 600 |
|----------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| 50 | RD50 CGA-080 | RD50 CGA-120 | RD50 CGA-180 | RD50 CGA-240 | RD50 CGA-320 | RD50 CGA-400 | RD50 CGA-600 |
| 75 | RD75 CGA-080 | RD75 CGA-120 | RD75 CGA-180 | RD75 CGA-240 | RD75 CGA-320 | RD75 CGA-400 | RD75 CGA-600 |

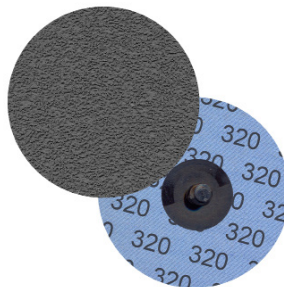
CGS - COMPACTGRAIN (SILICON CARBIDE)

DESCRIPTION

Silicon Carbide Compactgrain CGS type with self sharpening characteristics gives uniform ultra finishing and outstanding disc life. Use for ultra finishing of unalloyed and low alloy steel, chrome and chrome-nickel steel, nickel alloys.

PRODUCT PROFILE

Available sizes: 50, 75mm
Mounting styles: SD, RD
Grit range: P320-1200
Backing: 2ply



SD TYPE



Screw connection with inner metal thread

| Dia/Grit | 320 | 400 | 600 | 800 | 1000 | 1200 |
|----------|--------------|--------------|--------------|--------------|---------------|---------------|
| 50 | SD50 CGS-320 | SD50 CGS-400 | SD50 CGS-600 | SD50 CGS-800 | SD50 CGS-1000 | SD50 CGS-1200 |
| 75 | SD75 CGS-320 | SD75 CGS-400 | SD75 CGS-600 | SD75 CGS-800 | SD75 CGS-1000 | SD75 CGS-1200 |

RD TYPE



Screw connection with outer plastic thread

| Dia/Grit | 320 | 400 | 600 | 800 | 1000 | 1200 |
|----------|--------------|--------------|--------------|--------------|---------------|---------------|
| 50 | RD50 CGS-320 | RD50 CGS-400 | RD50 CGS-600 | RD50 CGS-800 | RD50 CGS-1000 | RD50 CGS-1200 |
| 75 | RD75 CGS-320 | RD75 CGS-400 | RD75 CGS-600 | RD75 CGS-800 | RD75 CGS-1000 | RD75 CGS-1200 |

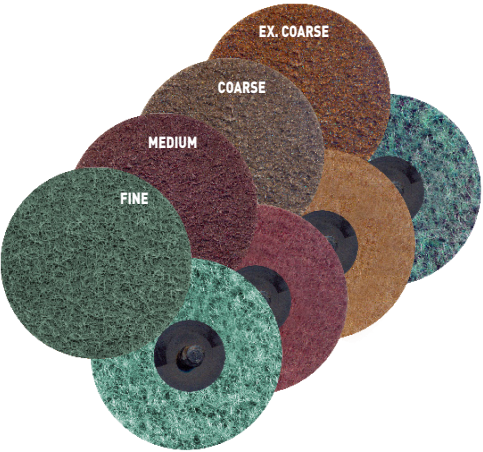
SCM - STANDARD SURFACE CONDITIONING

DESCRIPTION

Surface Conditioning SCM type gives more flexibility and adapts very well to curves and contours. Faster finishing and reduced clogging. Consistent, even finish.

PRODUCT PROFILE

Available sizes: 25, 38, 50, 75mm
Mounting styles: SD, RD
Grade range: Ex. Coarse - Coarse
Medium - Fine
Backing: 1ply



SD TYPE

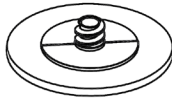
Screw connection with inner metal thread



| Dia/Grade | EX. COARSE | COARSE | MEDIUM | FINE |
|-----------|--------------------|-----------------|-----------------|---------------|
| 25 | SD25 SCM-EX.COARSE | SD25 SCM-COARSE | SD25 SCM-MEDIUM | SD25 SCM-FINE |
| 38 | SD38 SCM-EX.COARSE | SD38 SCM-COARSE | SD38 SCM-MEDIUM | SD38 SCM-FINE |
| 50 | SD50 SCM-EX.COARSE | SD50 SCM-COARSE | SD50 SCM-MEDIUM | SD50 SCM-FINE |
| 75 | SD75 SCM-EX.COARSE | SD75 SCM-COARSE | SD75 SCM-MEDIUM | SD75 SCM-FINE |

RD TYPE

Screw connection with outer plastic thread



| Dia/Grade | EX. COARSE | COARSE | MEDIUM | FINE |
|-----------|--------------------|-----------------|-----------------|---------------|
| 25 | RD25 SCM-EX.COARSE | RD25 SCM-COARSE | RD25 SCM-MEDIUM | RD25 SCM-FINE |
| 38 | RD38 SCM-EX.COARSE | RD38 SCM-COARSE | RD38 SCM-MEDIUM | RD38 SCM-FINE |
| 50 | RD50 SCM-EX.COARSE | RD50 SCM-COARSE | RD50 SCM-MEDIUM | RD50 SCM-FINE |
| 75 | RD75 SCM-EX.COARSE | RD75 SCM-COARSE | RD75 SCM-MEDIUM | RD75 SCM-FINE |

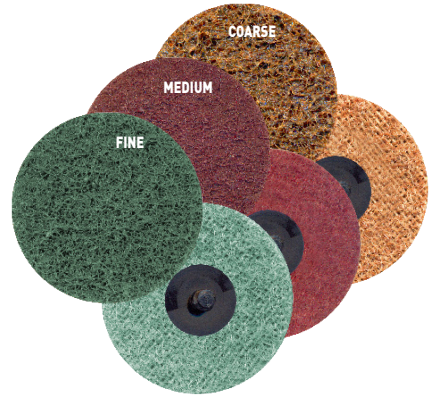
SCB - PERFORMANCE SURFACE CONDITIONING

DESCRIPTION

The Surface Conditioning SCB type offers quality micro scratch finishes especially on metal, but also on plastic coatings and composites, with a consistent, controlled cutting action. **Recommended for Non-ferrous metals**

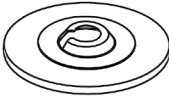
PRODUCT PROFILE

Available sizes: 25, 38, 50, 75mm
Mounting styles: SD, RD
Grade range: Coarse - Medium - Fine
Backing: 1ply



SD TYPE

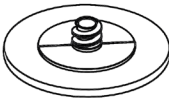
Screw connection with inner metal thread



| Dia/Grade | COARSE | MEDIUM | FINE |
|-----------|-----------------|-----------------|---------------|
| 25 | SD25 SCB-COARSE | SD25 SCB-MEDIUM | SD25 SCB-FINE |
| 38 | SD38 SCB-COARSE | SD38 SCB-MEDIUM | SD38 SCB-FINE |
| 50 | SD50 SCB-COARSE | SD50 SCB-MEDIUM | SD50 SCB-FINE |
| 75 | SD75 SCB-COARSE | SD75 SCB-MEDIUM | SD75 SCB-FINE |

RD TYPE

Screw connection with outer plastic thread



| Dia/Grade | COARSE | MEDIUM | FINE |
|-----------|-----------------|-----------------|---------------|
| 25 | RD25 SCB-COARSE | RD25 SCB-MEDIUM | RD25 SCB-FINE |
| 38 | RD38 SCB-COARSE | RD38 SCB-MEDIUM | RD38 SCB-FINE |
| 50 | RD50 SCB-COARSE | RD50 SCB-MEDIUM | RD50 SCB-FINE |
| 75 | RD75 SCB-COARSE | RD75 SCB-MEDIUM | RD75 SCB-FINE |

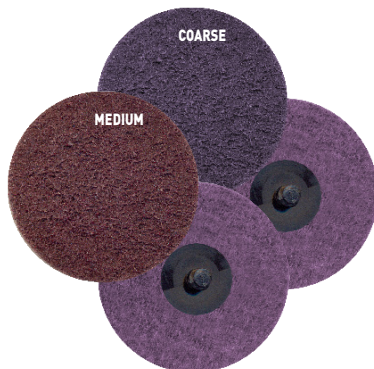
SCHD - HEAVY DUTY SURFACE CONDITIONING

DESCRIPTION

Heavy Duty Surface Conditioning SCHD type for more aggressive cut than fine surface finishing. Fast cutting and high initial stock removal rate characterise this product. Recommended for tough grinding jobs on mild steel and stainless steel.

PRODUCT PROFILE

Available sizes: 50, 75mm
Mounting styles: SD, RD
Grade range: Coarse - Medium
Backing: 1ply



COMBINED POWER

The new heavy duty surface conditioning disc has proven its competitive advantages by avoiding grinding steps. Use the combination of coated and nonwoven abrasives for weld treatment as pre-coating preparation.

Highest performance

Less disc changes, more speed, most efficient

Proven success in countless applications on mild and stainless steel

ADVANTAGES

- Up to 4 times longer lifetime than the market leader
- Faster working than the market leader, especially in the first 5 minutes
- More durable so more resistant on edges
- Considerably more resistant to smearing than existing products, especially from the disc edge when working in tight angles
- Medium gives similar surface finish to existing products with considerably longer lifetime: anything up to 3 times
- Coarse is only slightly coarser than existing products with considerably longer lifetime: anything up to 3 times

APPLICATIONS

- Blending after fibre disc. Due to the faster cut rate of SCHD coarse discs can be used to speed up the application
- Light grinding applications e.g. fused corner welds where no extra material is added during welding
- Light deburring
- Remove surface scratches and handling marks
- Weld cleaning and refinement where weld removal is not required
- High volume production lines such as construction vehicle manufacturing

SD TYPE

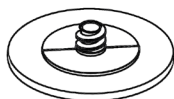
Screw connection with inner metal thread



| Dia/Grade | COARSE | MEDIUM |
|-----------|------------------|------------------|
| 50 | SD50 SCHD-COARSE | SD50 SCHD-MEDIUM |
| 75 | SD75 SCHD-COARSE | SD75 SCHD-MEDIUM |

RD TYPE

Screw connection with outer plastic thread



| Dia/Grade | COARSE | MEDIUM |
|-----------|------------------|------------------|
| 50 | RD50 SCHD-COARSE | RD50 SCHD-MEDIUM |
| 75 | RD75 SCHD-COARSE | RD75 SCHD-MEDIUM |

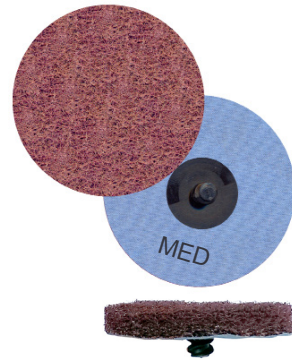
CFHD - CLEAN & FINISH

DESCRIPTION

Clean & Finish for ultra-fine surface and contour grinding, and cleaning of metal or painted surfaces.
Highly open structure.

PRODUCT PROFILE

Available sizes: 25, 38, 50, 75mm
Mounting styles: SD, RD
Grade range: Coarse - Medium - Fine - V. Fine
Backing: 2ply



SD TYPE

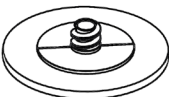
Screw connection with inner metal thread



| Dia/Grade | COARSE | MEDIUM | FINE | VERY FINE |
|-----------|------------------|------------------|----------------|-----------------|
| 25 | SD25 CFHD-COARSE | SD25 CFHD-MEDIUM | SD25 CFHD-FINE | SD25 CFHD-VFINE |
| 38 | SD38 CFHD-COARSE | SD38 CFHD-MEDIUM | SD38 CFHD-FINE | SD38 CFHD-VFINE |
| 50 | SD50 CFHD-COARSE | SD50 CFHD-MEDIUM | SD50 CFHD-FINE | SD50 CFHD-VFINE |
| 75 | SD75 CFHD-COARSE | SD75 CFHD-MEDIUM | SD75 CFHD-FINE | SD75 CFHD-VFINE |

RD TYPE

Screw connection with outer plastic thread



| Dia/Grade | COARSE | MEDIUM | FINE | VERY FINE |
|-----------|------------------|------------------|----------------|-----------------|
| 25 | RD25 CFHD-COARSE | RD25 CFHD-MEDIUM | RD25 CFHD-FINE | RD25 CFHD-VFINE |
| 38 | RD38 CFHD-COARSE | RD38 CFHD-MEDIUM | RD38 CFHD-FINE | RD38 CFHD-VFINE |
| 50 | RD50 CFHD-COARSE | RD50 CFHD-MEDIUM | RD50 CFHD-FINE | RD50 CFHD-VFINE |
| 75 | RD75 CFHD-COARSE | RD75 CFHD-MEDIUM | RD75 CFHD-FINE | RD75 CFHD-VFINE |

CLEAN & FINISH SERIES QUICK CHANGE DISCS

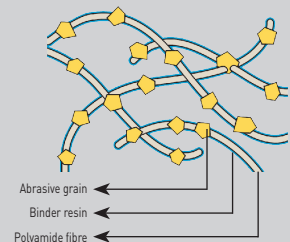
DESCRIPTION

Nonwoven abrasive products incorporate high quality fibres with flexible resin technology. Combined with a high mineral grain content, the CF range has the flexibility and conformability to produce a consistent finish on any work piece.

Suitable for hand and low speed/low pressure applications, CF offers quality micro scratch finishes especially on metal, but also on plastic coatings and composites, with a consistent, controlled cutting action.

ADVANTAGES

- Improved flexibility for hard to reach areas
- Consistent scratch pattern due to improved grain consistency
- Increased life time as a result of the grain distribution through the clean & finish fleece.
- For manual or machine use
- Improved tear resistance
- No clogging



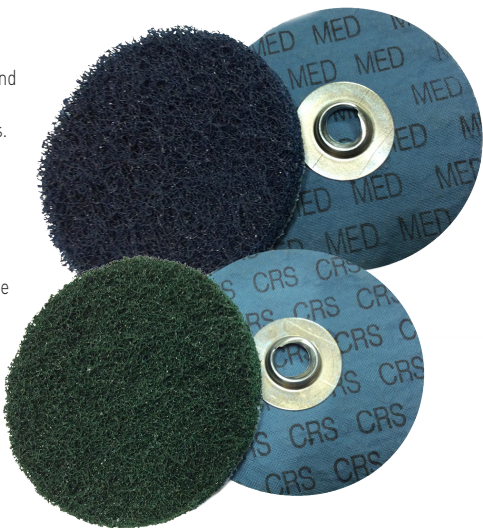
CFHP - HEAVY DUTY CLEAN & FINISH

DESCRIPTION

Clean & Finish High Performance CFHP QCD are very comfortable and durable. CFHP is the best product for light debugging and finishing applications. The discs are durable enough to finish edges and welds. CFHP QCD are especially effective on aluminium applications.

PRODUCT PROFILE

Available sizes: 50, 75mm
Mounting styles: SD, RD
Grade range: Green Coarse - Blue Medium - Maroon Fine
Backing: 2ply



SD TYPE

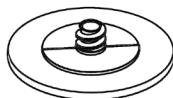
Screw connection with inner metal thread



| Dia/Grade | GREEN COARSE | BLUE MEDIUM | MAROON FINE |
|-----------|------------------|------------------|----------------|
| 50 | SD50 CFHP-COARSE | SD50 CFHP-MEDIUM | SD50 CFHP-FINE |
| 75 | SD75 CFHP-COARSE | SD75 CFHP-MEDIUM | SD75 CFHP-FINE |

RD TYPE

Screw connection with outer plastic thread



| Dia/Grade | GREEN COARSE | BLUE MEDIUM | MAROON FINE |
|-----------|------------------|------------------|----------------|
| 50 | SD50 CFHP-COARSE | SD50 CFHP-MEDIUM | SD50 CFHP-FINE |
| 75 | SD75 CFHP-COARSE | SD75 CFHP-MEDIUM | SD75 CFHP-FINE |

NEW VENTILATED QCD SYSTEM

Unique GD Type QCD and durable backing pad in 2", 3" & 4" Dia. Models (51 mm, 76 mm & 100 mm) are recommended for use for most efficient elimination of dust and debris from difficult access areas.

- Use with Vacuum Shroud –diverts dust and debris to vacuum source
- Captures contaminants such as Hexavalent Chromium

2" (51mm) Standard

3" (75mm) Available on Request

4" (100mm) Available on Request



GD Type discs and durable backing pad systems, combined with Vacuum Disc Sanders, offer efficient material removal on the following nonferrous surfaces.

- Carbon Fibre
- Composites
- Fibreglass
- Painted Aluminium
- Coated Parts
- Many more

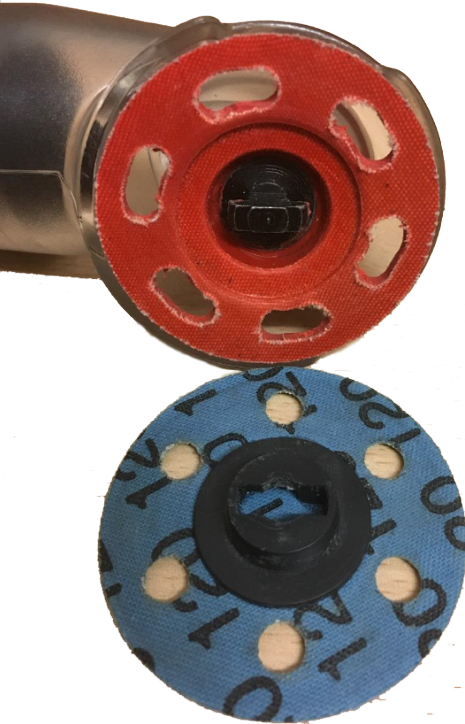


QUICK CHANGE DISCS

GD discs and Durable backing pad system combined with Vacuum Disc Sanders offer efficient material removal on non-ferrous surfaces such as carbon fiber, composites, fiberglass, painted aluminum, coated parts and more.

As tool is sanding, unique GD disc and backing pad system inside vacuum shroud captures dust, debris and contaminants (including Hexavalent Chromium) to external vacuum source – ensuring cleaner, safer workplace.

NEW



GD Heavy Duty Plastic Fixing is more rigid and stronger than RD Fixing

Quicker and easier to assemble

Fast assembly and no error as fixing snaps easily into place

An essential product family for nuclear plants, aerospace, automotive, marine and transportation industries.

UNI - UNITIZED

DESCRIPTION

Manufactured from the highest quality Unitized material. Unique design offers material removal while imparting a final finish. Applications include deburring, cleaning, edge breaking, final finishing, blending and polishing.

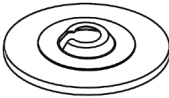
PRODUCT PROFILE

Available sizes: 50, 75mm
Mounting styles: SD, RD
Density: 8 - 6 - 3 - 2
Grade range: Coarse - Medium - Fine
Backing: 1ply
Sizes 20,25,38mm
available on request



SD TYPE

Screw connection with inner metal thread

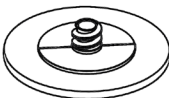


| Dia/Grade | 8A COARSE | 6A MEDIUM | 6 S FINE |
|-----------|--------------|--------------|--------------|
| 50 | SD50 UNI-8AC | SD50 UNI-6AM | SD50 UNI-6SF |
| 75 | SD75 UNI-8AC | SD75 UNI-6AM | SD75 UNI-6SF |

| Dia/Grade | 3S FINE | 2A MEDIUM | 2S FINE |
|-----------|--------------|--------------|--------------|
| 50 | SD50 UNI-3SF | SD50 UNI-2AM | SD50 UNI-2SF |
| 75 | SD75 UNI-3SF | SD75 UNI-2AM | SD75 UNI-2SF |

RD TYPE

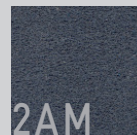
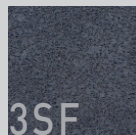
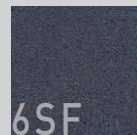
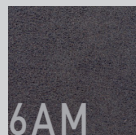
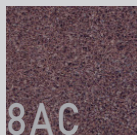
Screw connection with outer plastic thread





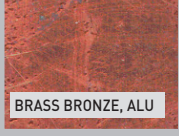

| Dia/Grade | 8A COARSE | 6A MEDIUM | 6 S FINE |
|-----------|--------------|--------------|--------------|
| 50 | RD50 UNI-8AC | RD50 UNI-6AM | RD50 UNI-6SF |
| 75 | RD75 UNI-8AC | RD75 UNI-6AM | RD75 UNI-6SF |

| Dia/Grade | 3S FINE | 2A MEDIUM | 2S FINE |
|-----------|--------------|--------------|--------------|
| 50 | RD50 UNI-3SF | RD50 UNI-2AM | RD50 UNI-2SF |
| 75 | RD75 UNI-3SF | RD75 UNI-2AM | RD75 UNI-2SF |

UNITIZED MATERIAL GRADES



APPLICATION

| | | | |
|--|---|---|-----------------|
|  <p>CARBON STEEL</p> | DEBURRING | Debur machined parts | 6AM - 8AC |
| | | Debur keyways | 2SF - 2AM - 2SF |
| | | Radius stamped parts | 2AM - 6AM |
| | | Remove laser cut burrs | 8AC - 6AM |
| | POLISHING FINISHING BLENDING | Polish roller bearings | 3SF - 2SF |
| | | Polish molds and dies | 2SF |
| | | Decorative satin finish | 6AM - 6SF |
| | | Pre-plate finish | 2SF |
| | DEBURRING | Blend 80-100 grit grind lines | 8AC |
| | | Debur and radius root of turbine blades | 2SF - 3SF |
| | | Debur piston rings | 6AM - 3SF |
| | | Debur threaded parts | 3SF - 2SF |
|  <p>STAINLESS STEEL</p> | POLISHING FINISHING BLENDING | Radius sharp edges of stainless steel parts | 6AM |
| | | Polish medical devices | 2AM - 2SF |
| | | Polish turbine engine components | 2SF - 3SF |
| | | Near mirror finish | 2SF |
| | DEBURRING | Blend parting lines from turbine blades | 2AM - 3SF |
| | | Remove aluminum flashing | 6AM - 8AC - 2AM |
| | | Debur intricate cast parts | 3SF - 2SF |
| | | Pre-plate polish | 2SF |
|  <p>BRASS BRONZE, ALU</p> | POLISHING FINISHING BLENDING | Polish jewelry plates | 2SF - 2AM |
| | | Decorative finish on builders hardware | 2SF |
| | | Blend light imperfections | 2AM |
| | | | |
|  <p>FIBREGLASS, PVC</p> | DEBURRING | Debur plastic | 2AM - 2SF |
| | BLENDING | Remove flash from plastic parts | 3SF - 2AM - 2SF |

DENSITY & GRADES

| | | | | |
|--|---|-------------------------------|------------------------------|------------------------------|
| FINISH FINE BLEND MEDIUM CLEAN COARSE DEBURR | | 6SF DEBURRING POLISHING | 3SF CLEANING POLISHING | 2SF CLEANING POLISHING |
| | | 6AM DEBURRING BLENDING | | 2AM BLENDING POLISHING |
| | | 8AC DEBURRING CLEANING | | |
| | HARD | MEDIUM | MED. SOFT | SOFT |
| | <div> <div></div> <div></div> <div></div> <div></div> </div> <div> MOST AGGRESSIVE LESS AGGRESSIVE </div> | | | |

8 SERIES

Rapid stock removal, while providing a clean, bright surface. Hard density with increased edge durability and life for tough deburring and polishing applications.

6 SERIES

Requires light pressure for blending and finishing. High degree of stock removal, while maintaining a bright finish.

3 SERIES

Increased edge durability and life for tough blending and polishing applications.

2 SERIES

Soft density with exceptional conformability while maintaining durability, cut and consistent finish. For applications with strict dimension tolerances.

QUICK CHANGE DISCS

TRZ - TRIZACT™

DESCRIPTION

3M™ Trizact™ Cloth for fine finishing and polishing on stainless steel, carbon steel, high-nickel alloys, titanium and aluminum.

PRODUCT PROFILE

Available sizes: 50, 75mm

Mounting styles: RD

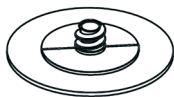
Stocked Grits range: A6(P2500), A16(P2000), A30(P700),

Backing: 2 ply Flexible
3 ply Firm

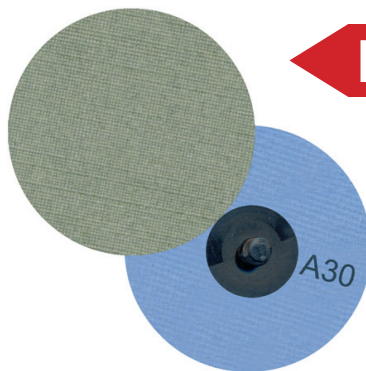
RD TYPE

Screw connection with outer plastic thread

SD and GD Types Available on Request



NEW



TRIZACT FLEXIBLE TYPE

| Dia/Grit | A6 | A16 | A30 |
|----------|-------------|--------------|--------------|
| 25 | RD25 TRZ A6 | RD25 TRZ A16 | RD25 TRZ A30 |
| 38 | RD38 TRZ A6 | RD38 TRZ A16 | RD38 TRZ A30 |
| 50 | RD50 TRZ A6 | RD50 TRZ A16 | RD50 TRZ A30 |
| 75 | RD75 TRZ A6 | RD75 TRZ A16 | RD75 TRZ A30 |

TRIZACT FLAT TYPE

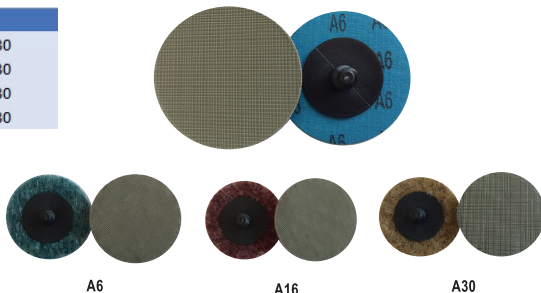
| Dia/Grit | A6 | A16 | A30 |
|----------|--------------|---------------|---------------|
| 25 | RD25 TRZF A6 | RD25 TRZF A16 | RD25 TRZF A30 |
| 38 | RD38 TRZF A6 | RD38 TRZF A16 | RD38 TRZF A30 |
| 50 | RD50 TRZF A6 | RD50 TRZF A16 | RD50 TRZF A30 |
| 75 | RD75 TRZF A6 | RD75 TRZF A16 | RD75 TRZF A30 |

TRIZACT SEMI FLEXIBLE TYPE

| Dia/Grit | A6 | A16 | A30 |
|----------|---------------|----------------|----------------|
| 25 | RD25 TRZSC A6 | RD25 TRZSC A16 | RD25 TRZSC A30 |
| 38 | RD38 TRZSC A6 | RD38 TRZSC A16 | RD38 TRZSC A30 |
| 50 | RD50 TRZSC A6 | RD50 TRZSC A16 | RD50 TRZSC A30 |
| 75 | RD75 TRZSC A6 | RD75 TRZSC A16 | RD75 TRZSC A30 |

TRIZACT LARGE PLAIN SEMI FLEXIBLE TYPE

| Dia/Grit | A6 | A16 | A30 |
|----------|--------------|---------------|---------------|
| 115 | 115 TRZSC A6 | 115 TRZSC A16 | 115 TRZSC A30 |
| 125 | 125 TRZSC A6 | 125 TRZSC A16 | 125 TRZSC A30 |
| 150 | 150 TRZSC A6 | 150 TRZSC A16 | 150 TRZSC A30 |

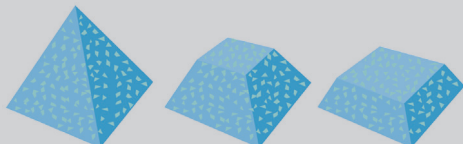


Grades 45, 65 & 100 Available on Request for all Types

3M™ TRIZACT™

The End of the Line

3M™ Trizact™ Cloth is a good match for finishing and polishing on stainless steel, carbon steel, high nickel alloys, titanium and aluminum and is designed to usher in those final touch-ups and refinements that come at the end of an abrasive sequence. This product has all the benefits operators have come to expect from our Trizact™ abrasives, but the mineral and backing set it apart.



The three-dimensional structures of 3M™ Trizact™ abrasives contain multiple layers of mineral. As these pyramid-like structures wear, sharp mineral is constantly exposed to the workpiece, resulting in faster, more consistent cutting throughout the life of the belt.

PFD - FELT

DESCRIPTION

Felt PFD type is suitable for polishing with the polishing paste bars, grinding pastes or diamond polishing pastes in face grinding on medium-sized surfaces.

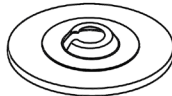
PRODUCT PROFILE

Available sizes: 25, 38, 50, 75mm
Mounting styles: SD, RD
Thickness: 5mm
Backing: 1ply



SD TYPE

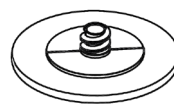
Screw connection with inner metal thread



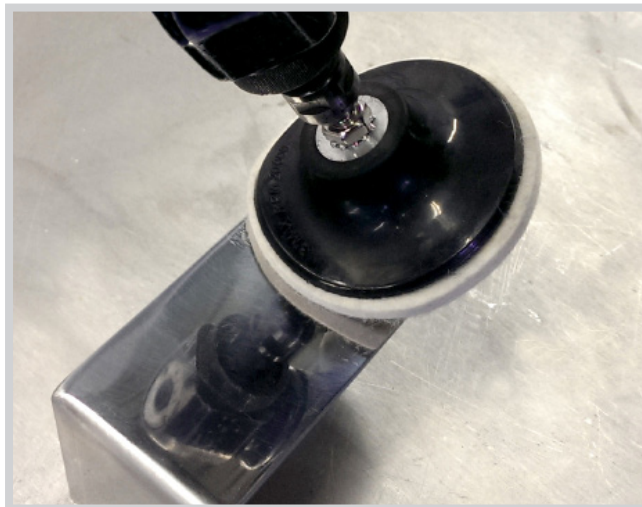
| Dia/Type | FELT |
|----------|----------|
| 25 | SD25 PFD |
| 38 | SD38 PFD |
| 50 | SD50 PFD |
| 75 | SD75 PFD |

RD TYPE

Screw connection with outer plastic thread



| Dia/Type | FELT |
|----------|----------|
| 25 | RD25 PFD |
| 38 | RD38 PFD |
| 50 | RD50 PFD |
| 75 | RD75 PFD |



SPCA - SPECIAL SHAPE COATED

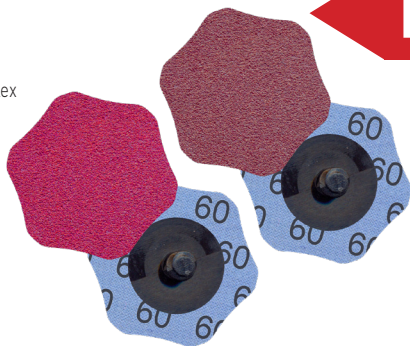
NEW

DESCRIPTION

The Scalloped Shape SPCA type eliminates edge cutting. This disc easily follow transitions and contours on complex workpieces. The special outer shape prevents the tools cutting in to the workpiece.

PRODUCT PROFILE

Available sizes: 55mm
Mounting styles: SD, RD
Grit range: P36-500
Backing: 2ply
Holder: use with 50mm holder
Other materials and sizes available on request



SD TYPE

Screw connection with inner metal thread

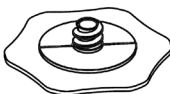


| Dia/Grit | 36 | 40 | 60 | 80 | 100 | 120 |
|----------|----------------|----------------|----------------|----------------|----------------|----------------|
| 55 | SD55 SPCAЕ-036 | SD55 SPCAЕ-040 | SD55 SPCAЕ-060 | SD55 SPCAЕ-080 | SD55 SPCAЕ-100 | SD55 SPCAЕ-120 |

| Dia/Grit | 150 | 180 | 240 | 320 | 400 | 500 |
|----------|----------------|----------------|----------------|----------------|----------------|----------------|
| 55 | SD55 SPCAЕ-150 | SD55 SPCAЕ-180 | SD55 SPCAЕ-240 | SD55 SPCAЕ-320 | SD55 SPCAЕ-400 | SD55 SPCAЕ-500 |

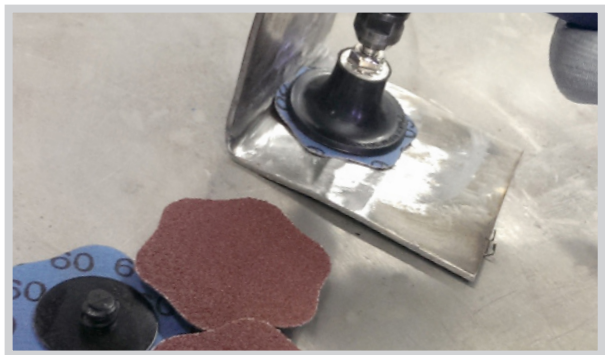
RD TYPE

Screw connection with outer plastic thread



| Dia/Grit | 36 | 40 | 60 | 80 | 100 | 120 |
|----------|----------------|----------------|----------------|----------------|----------------|----------------|
| 55 | RD55 SPCAЕ-036 | RD55 SPCAЕ-040 | RD55 SPCAЕ-060 | RD55 SPCAЕ-080 | RD55 SPCAЕ-100 | RD55 SPCAЕ-120 |

| Dia/Grit | 150 | 180 | 240 | 320 | 400 | 500 |
|----------|----------------|----------------|----------------|----------------|----------------|----------------|
| 55 | RD55 SPCAЕ-150 | RD55 SPCAЕ-180 | RD55 SPCAЕ-240 | RD55 SPCAЕ-320 | RD55 SPCAЕ-400 | RD55 SPCAЕ-500 |



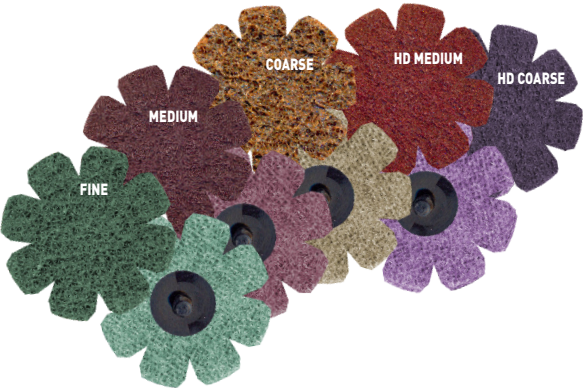
SPSC - SPECIAL SHAPE SURFACE CONDITIONING

DESCRIPTION

The Special Shape SPSC type is especial suitable for working tight contours and concave surfaces with radius transitions

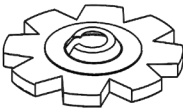
PRODUCT PROFILE

Available sizes: 75mm
Mounting styles: SD, RD
Grade range: Coarse - Medium - Fine
Backing: 1ply
Holder: use with 50/75mm holder
[Other materials and sizes available on request](#)



SD TYPE

Screw connection with inner metal thread

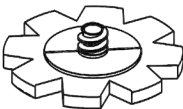


| Dia/Grade | COARSE | MEDIUM | FINE |
|-----------|--------------------|--------------------|------------------|
| 75 | SD75 SPSCSB-COARSE | SD75 SPSCSB-MEDIUM | SD75 SPSCSB-FINE |

| Dia/Grade | HD COARSE | HD MEDIUM |
|-----------|--------------------|--------------------|
| 75 | SD75 SPSCSD-COARSE | SD75 SPSCSD-MEDIUM |

RD TYPE

Screw connection with outer plastic thread



| Dia/Grade | COARSE | MEDIUM | FINE |
|-----------|--------------------|--------------------|------------------|
| 75 | RD75 SPSCSB-COARSE | RD75 SPSCSB-MEDIUM | RD75 SPSCSB-FINE |

| Dia/Grade | HD COARSE | HD MEDIUM |
|-----------|--------------------|--------------------|
| 75 | RD75 SPSCSD-COARSE | RD75 SPSCSD-MEDIUM |



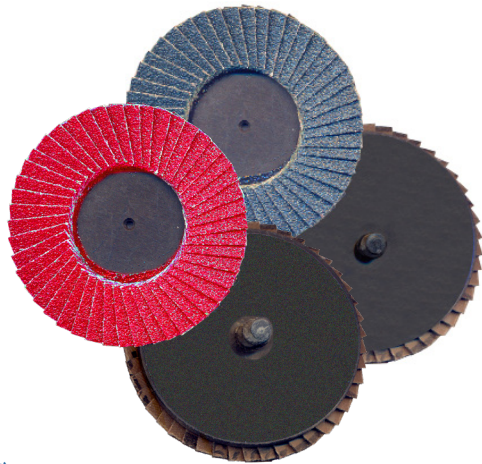
FLA - MINI FLAP DISCS

DESCRIPTION

Flap Mini Discs FLA type well in grinding applications, providing ultra-high stock removal. Particularly suitable for weld dressing in hard-to-reach areas.

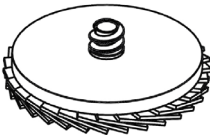
PRODUCT PROFILE

Available sizes: 50, 75mm
Mounting styles: SD, RD
Grit range: P36-120
Available Materials: Zirconia Alumina (Blue)
Ceramic Oxide (Red)



SHAPE A - RD TYPE

Screw connection with
outer plastic thread



ZIRCONIA ALUMINA (BLUE)

| Dia/Grit | 36 | 40 | 60 | 80 | 100 | 120 |
|----------|---------------|---------------|---------------|---------------|---------------|---------------|
| 50 | RD50 FLAZ-036 | RD50 FLAZ-040 | RD50 FLAZ-060 | RD50 FLAZ-080 | RD50 FLAZ-100 | RD50 FLAZ-120 |
| 75 | RD75 FLAZ-036 | RD75 FLAZ-040 | RD75 FLAZ-060 | RD75 FLAZ-080 | RD75 FLAZ-100 | RD75 FLAZ-120 |

CERAMIC OXIDE (RED)

| Dia/Grit | 36 | 40 | 60 | 80 | 100 | 120 |
|----------|---------------|---------------|---------------|---------------|---------------|---------------|
| 50 | RD50 FLAC-036 | RD50 FLAC-040 | RD50 FLAC-060 | RD50 FLAC-080 | RD50 FLAC-100 | RD50 FLAC-120 |
| 75 | RD75 FLAC-036 | RD75 FLAC-040 | RD75 FLAC-060 | RD75 FLAC-080 | RD75 FLAC-100 | RD75 FLAC-120 |



CSD - STRIP SB

DESCRIPTION

Strip SB Type is durable, rigid, long lasting type discs.
Aggressive, open-web disc for cleaning welds, removing rust and paint.

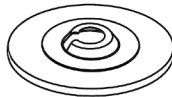
PRODUCT PROFILE

Available sizes: 50, 75mm
Mounting styles: SD, RD
Grade range: Medium
Backing: 1ply
[Other grades available on request](#)



SD TYPE

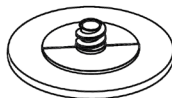
Screw connection with inner metal thread



| Dia/Grade | Medium |
|-----------|------------|
| 50 | SD50 CSD-M |
| 75 | SD75 CSD-M |

RD TYPE

Screw connection with outer plastic thread



| Dia/Grade | Medium |
|-----------|------------|
| 50 | RD50 CSD-M |
| 75 | RD75 CSD-M |



FLEXIBLE DIAMOND DISCS

the new SUPER-ABRASIVE product

For use in Aerospace and Prosthetics Industry.
Suitable for hard to grind material, carbide, composites, glass, ceramic, stone. very useful in complex three dimensional shapes such as turbine blades.

- Heavy Duty, water resistant, polyester backing
- Open dot pattern provides durability and long life, when allowing performance to contours
- Provides aggressive cutting with reduced loading
- Quick Change system make grade changes easy

DIAMOND SERIES QUICK CHANGE DISCS

VERY LONG SERVICE LIFE

due to minimum grain wear
due to innovative grain and structure technology

GRINDS VERY HARD MATERIALS

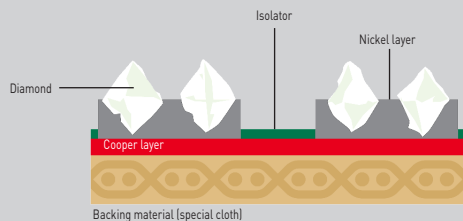
due to first class grain quality
due to use of special cloth

CONSISTENT SURFACE QUALITY

due to excellent grinding power and diamond grain
due to prevention of thermal damage because of cool grinding

SUITABLE FOR DRY OR WET GRINDING

due to good temperature resistance



DAX - FLEXIBLE DIAMOND

DESCRIPTION

New DAX Diamond type discs achieve outstanding results in processing very hard, non-metallic materials, e.g. tungsten carbide, glass, ceramic, plastic fibre glass, natural stone, Kevlar fibre etc.

PRODUCT PROFILE

Available sizes: 50, 75mm
Mounting styles: SD, RD
Grade/Grit range:

■ GREEN - 250µm (P60-80)

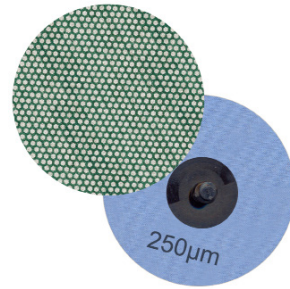
■ BLACK - 125µm (P120)

■ RED - 74µm (P220)

■ YELLOW - 40µm (P400)

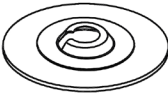
□ WHITE - 20µm (P800)



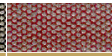


Backing: 3ply



SD TYPE

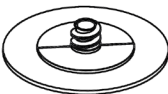
Screw connection with inner metal thread



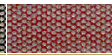
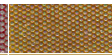
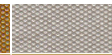


| |  |  |  |  |  |
|-----------|---|---|---|---|--|
| Dia/Grade | 250µm | 125µm | 74µm | 40µm | 20µm |
| 50 | SD50 DAX-250 | SD50 DAX-125 | SD50 DAX-74 | SD50 DAX-40 | SD50 DAX-20 |
| 75 | SD75 DAX-250 | SD75 DAX-125 | SD75 DAX-74 | SD75 DAX-40 | SD75 DAX-20 |

RD TYPE

Screw connection with outer plastic thread



| |  |  |  |  |  |
|-----------|---|---|---|---|--|
| Dia/Grade | 250µm | 125µm | 74µm | 40µm | 20µm |
| 50 | RD50 DAX-250 | RD50 DAX-125 | RD50 DAX-74 | RD50 DAX-40 | RD50 DAX-20 |
| 75 | RD75 DAX-250 | RD75 DAX-125 | RD75 DAX-74 | RD75 DAX-40 | RD75 DAX-20 |

SDP - AIRCRAFT SEAT TRACK CLEANING

PROCESS

Aircraft maintenance technicians performing C check, S check, H check, and D check maintenance.

KEY ISSUES

Cleaning seat tracks for inspection and removing gouges, corrosion and wear damage.

ADVANTAGES

Reduces labor associated with cleaning and repairing aircraft seat tracks.



Product



| Part Description | Grade | Cat. Code | Pkg |
|---|-------|--------------|-----|
| Reverse Disc SDPH centre hole Surface Conditioning Disc | A VFN | SDPH 20 AVFN | 200 |
| Reverse Disc SDPH centre hole Surface Conditioning Disc | A MED | SDPH 20 AMED | 200 |
| Reverse Disc SDPH centre hole Surface Conditioning Disc | A CRS | SDPH 20 ACRS | 200 |
| Disc Plain Type SDPA Surface Conditioning Disc | VFN | SDP 20 AVFN | 200 |
| Disc Plain Type SDPA Surface Conditioning Disc | MED | SDP 20 AMED | 200 |
| Disc Plain Type SDPA Surface Conditioning Disc | CRS | SDP 20 ACRS | 200 |
| Track Grinder Mandrel STS 6 ShapeMandrel 6MM x 51MM | | STS 6 | 5 |

Key Features



Labor Savings

Cleaning by hand is difficult, and open access is limited to the center-most area of the seat track. SDP and SDPH Surface Conditioning Discs requires low and quickly removes defects with minimal material removal.

Multiple Grades

SDP AND SDPH Conditioning Discs are available in multiple grades to suit this application.

The grades are as follows:

- Very Fine (A VFN) for cleaning and light blending
- Medium (A MED) for heavier blending and corrosion removal
- Course (A CRS) for de burring, heaviest blending and corrosion removal

Easy to Use

The SDP Surface Conditioning Disc fits inside the seat track lug for cleaning, blending and corrosion removal. The SDPH Reverse Surface Conditioning Disc fits between the lower surface of the seat track lug and the track landing. Discs quickly twist on and off from the mandrel to reduce disc changeover time when grinding track sections.

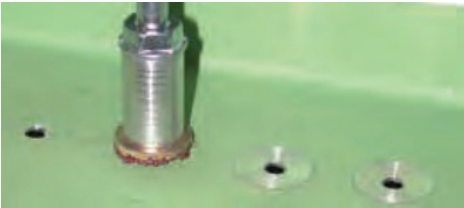
Standard Tooling

STS Mandrel designed to give an Orbital oscillating movement to the abrasive disc in use. Low speed high torque pneumatic tools eg ATA RAB4LR work best with SDP and SDPH Surface Conditioning Discs. Maximum Operating Speed MOS of 10 - 15 M/S should not be exceeded.

S TYPE SCB QUICK CHANGE PPCRT DISCS

PAINT, PRIMER, COATING REMOVAL TOOL

Specially designed Surface Conditioning and Clean & Finish discs for quick and easy way to clean and prep painted or corroded surfaces around holes, prior to re-riveting or connecting ground wire.



S TYPE SURFACE CONDITIONING SCB PPCRT DISCS

| Diameter | Hole Diameter | Grade | Grain | Recommended RPM | Max RPM | Pak Qty | Case Qty |
|-----------|---------------|--------|----------------|-----------------|---------|---------|----------|
| 16MM-5/8" | 2.4MM 3/32" | Medium | Aluminum Oxide | 6,000 | 12,000 | 50 | 500 |
| | 3.2MM 1/8" | Medium | Aluminum Oxide | 6,000 | 12,000 | 50 | 500 |
| | 4M 5/32" | Medium | Aluminum Oxide | 6,000 | 12,000 | 50 | 500 |

S TYPE CLEAN & FINISH CFGP PPCRT DISCS

| Diameter | Hole Diameter | Grade | Grain | Recommended RPM | Max RPM | Pak Qty | Case Qty |
|-----------|---------------|-------|----------------|-----------------|---------|---------|----------|
| 16MM-5/8" | 1.6MM 1/16" | Fine | Aluminum Oxide | 6,000 | 12,000 | 50 | 500 |
| | 2MM 5/64" | Fine | Aluminum Oxide | 6,000 | 12,000 | 50 | 500 |
| | 2.4MM 3/32" | Fine | Aluminum Oxide | 6,000 | 12,000 | 50 | 500 |



MANDRELS FOR PPCRT DISCS

| Description | Pin Diameter | Pin Length | Shank Diameter | Shank Length | xxxxxx |
|-------------|--------------|------------|----------------|--------------|--------|
| #10 Mandrel | 4.8MM 3/16" | 16 | 6 | 42 | 58 |
| #21 Mandrel | 4MM 5/32" | 16 | 6 | 42 | 58 |
| #30 Mandrel | 3.2MM 1/8" | 16 | 6 | 42 | 58 |

PSA – QCD SELF ADHESIVE DISCS

Abrasive Discs – Self Adhesive Aluminium Oxide, Zirconia and Silicon Carbide Discs for grinding and polishing. Grits are available from very coarse for hard grinding and removal of metal to very fine, which is almost polishing. The discs allow grinding on a flat surface such as a mould tool or dies.

PRODUCT PROFILE

Available sizes: 20, 25, 38, 50, 75mm
(Larger sizes available on request)
Grit range: 60 to 2,500



PSA – SELF ADHESIVE DISCS

Abrasive Discs – Self Adhesive Aluminium Oxide, Zirconia, Ceramic and Silicon Carbide Discs for grinding and polishing. Abrasive discs available in diameter 125mm to 750mm diameter discs. Grits are available from very coarse for hard grinding and removal of metal to very fine, which is almost polishing.

PRODUCT PROFILE

Available sizes: 125mm to 75mm
Grit range: 60 to 2,500



PSA – PEEL OFF DISCS

Self-adhesive discs with a peel-off backing in Long Life Cloth, Polyester and Paper backing. Choice of grits for each size, plus convenient packs of mixed grits.

Please note, these discs can be re-used. Simply warm the disc with a hot air gun before removing, then protect the glue surface with the peel-off backing.



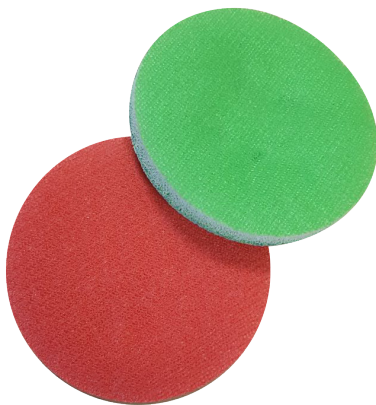
FINISHFLEX DISCS

DESCRIPTION

Finishflex discs remove oxides and corrosion from aluminium surfaces without stock removal and leaving no surface scratches. Typically, the surface is prepared as close as possible to a mirror finish.

PRODUCT PROFILE

| | |
|------------------|-------------|
| Available sizes: | 50, 75mm |
| Mounting styles: | RD |
| Grits: | Red P3000 |
| | Green P4000 |



FOAM BACKED DISCS

DESCRIPTION

Soft edge QCD – designed for accurate detail de-burring and sanding.
Avoids risk of “digging in” to work pieces.

PRODUCT PROFILE

| | |
|---------------------|--|
| Available sizes: | 50, 75mm |
| Mounting styles: | RD |
| Grit range: | 60, 80, 120 (Other Grits available on Request) |
| Material available: | Aluminium Oxide and Zirconia |



QUICK CHANGE DISC KITS

QCD STARTER KIT - STANDARD

DESCRIPTION

The Standard Starter Kit comes with Angle Die Grinder and all essential discs for flattening and finishing weld seams and other imperfections on Stainless Steel in few steps. All discs made from high tech material and specially designed for long life and outstanding performance.

CONTENT

- 1 x Angle Die Grinder [20,000RPM]
- 1 x R Type Disc Holder 75mm
- 5 x R Type Disc 75mm S/C Coarse
- 5 x R Type Disc 75mm S/C Medium
- 5 x R Type Disc 75mm S/C Fine
- 5 x R Type Disc 75mm Fibre Ceramic P36
- 10 x R Type Disc 75mm Ceramic P36
- 10 x R Type Disc 75mm Ceramic P80
- 10 x R Type Disc 75mm Ceramic P120

Supplied in Sturdy Plastic Case
PART NO. 6005.1999



QCD STARTER KIT - BASIC

DESCRIPTION

This Starter Kit comes with basic range of 50 & 75mm discs for grinding and finishing of steel.

CONTENT

- 1 x R Type Disc Holder 50mm
- 1 x R Type Disc Holder 75mm
- 10 x R Type Disc 50mm Zirconia P36
- 10 x R Type Disc 75mm Zirconia P36
- 10 x R Type Disc 50mm Zirconia P60
- 10 x R Type Disc 75mm Zirconia P60
- 10 x R Type Disc 50mm Zirconia P120
- 10 x R Type Disc 75mm Zirconia P120
- 5 x R Type Disc 75mm S/C Coarse
- 5 x R Type Disc 75mm S/C Medium
- 5 x R Type Disc 75mm S/C Fine

PART NO. 6005.2005



QCD STARTER KIT FOR STAINLESS STEEL (MIRROR) POLISHING

DESCRIPTION

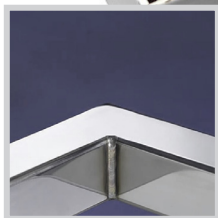
This Starter Kit comes with essential range of 75mm discs for finishing & polishing Stainless Steel only in 4 steps!

CONTENT

- 1 x R Type Disc Holder 75mm (with M14 Thread Adapter)
- 10 x R Type Disc 75mm Ceramic P120
- 10 x R Type Disc 75mm Aluminium Oxide P240
- 5 x R Type Disc 75mm Unitized
- 5 x R Type FELT

PART NO. 6005.2010

**From aggressive metal removal to
mirror-polishing in 4 easy steps!**



QCD STARTER KIT - AUTOMOTIVE

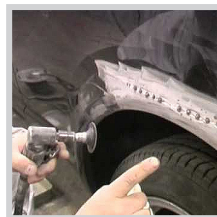
DESCRIPTION

This Starter Kit comes with standard range of 50 mm discs for use in crash repair, panel beating and spray painting works

CONTENT

- 1 x R Type Disc Holder 50mm (6mm Spindle)
- 10 x R Type Disc 50mm Zirconia P36
- 10 x R Type Disc 50mm Zirconia P60
- 10 x R Type Disc 50mm Zirconia P80
- 5 x R Type Disc 50mm Strip SB discs

PART NO. 6005.2011



NOTES

[illegible]



TIME PERFORMANCE

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