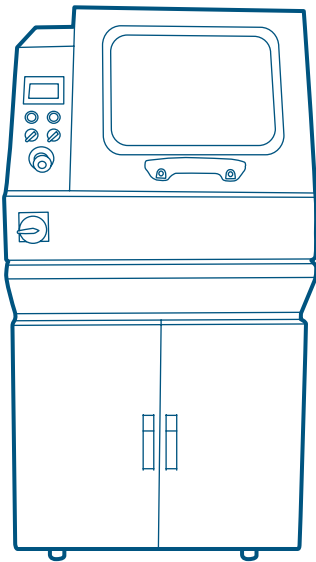


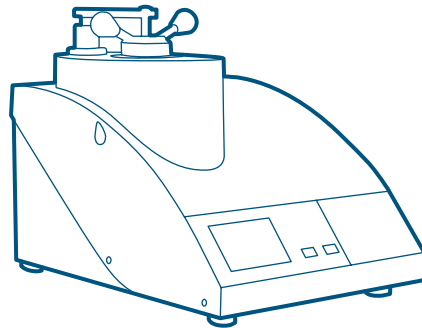


Consumables

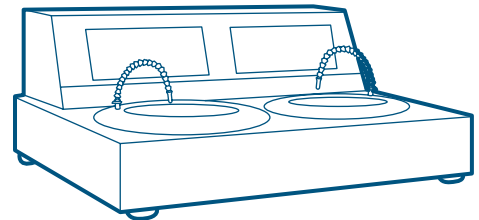
QualiMet materials preparation equipment is reliable and affordable perfect for your metallographic laboratory.



QualiCut



QualiMount



QualiPol



Welcome

Inspect & Protect

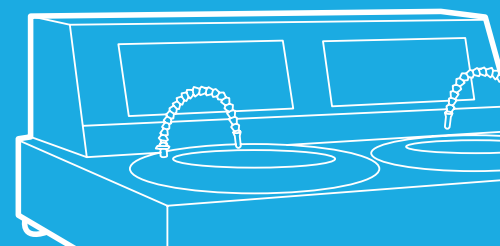
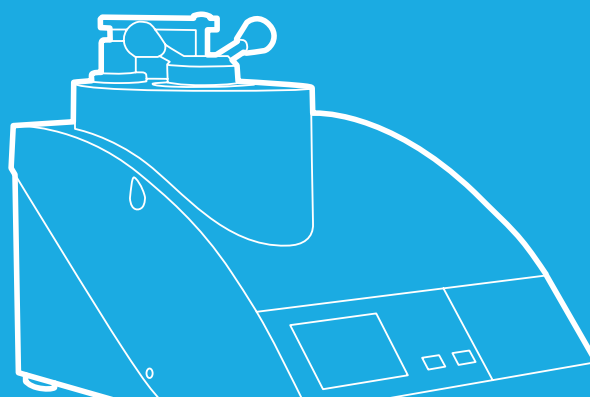
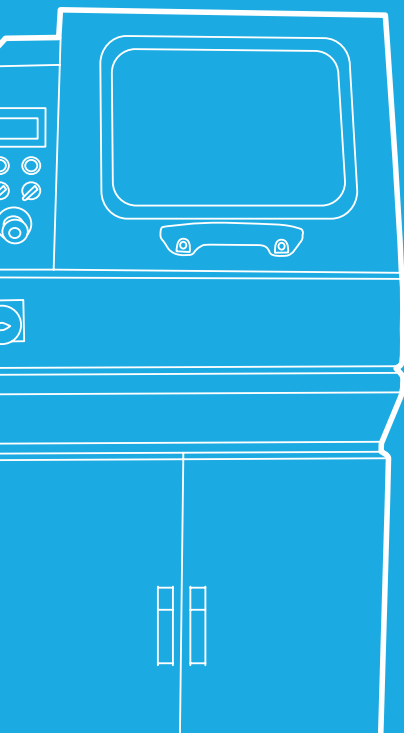
The material preparation specialists

The preparation of surfaces for microscopical investigation and hardness measurement.

Severn Sales are one of the UK's premier suppliers of laboratory equipment for material preparation. So whether you need to investigate the microscopic structure of metals, alloys, composites and ceramics or you need accurate hardness measurement capabilities, Severn Sales can help.

Severn Sales is the first choice when you need to cut, mount and grind or polish the cut surface of the material prior to examination. We supply a range of products to effectively carry out these different steps to produce a high quality surface which can be examined by optical microscopy, SEM, or hardness testing equipment.

We provide a wide range of consumables and complimentary products, including: cutting wheels, resins, polishing materials and cloth abrasives. The products in this catalogue have been carefully selected with you in mind so if you need to know any more details please give us a call or drop us a line.





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Unit 2, Vernon Drive, Battlefield Enterprise Park,
Shrewsbury, SY1 3TF

Tel: 0117 9608858 Email: sales@qualimet.co.uk

Cutting

Rapier Abrasive Cut-Off Wheels - Featuring Coolcut Technology

Type 3H

Very hard ferrous materials in the range Rc 60+

	Pack	Ref.
250 x 1.6 x 32mm	10	SSQMT0001
300 x 2.0 x 32mm	10	SSQMT0002
350 x 2.5 x 32mm	10	SSQMT0003

Type 2HA

Tough materials e.g. ferrous Rc 40-55 and nickel based alloys

	Pack	Ref.
250 x 1.6 x 32mm	10	SSQMT0004
300 x 2.0 x 32mm	10	SSQMT0005
350 x 2.5 x 32mm	10	SSQMT0006

Type 33H

Medium hard ductile steels

	Pack	Ref.
250 x 1.6 x 32mm	10	SSQMT0007
300 x 2.0 x 32mm	10	SSQMT0008
350 x 2.5 x 32mm	10	SSQMT0009

Type 2H

General purpose ferrous materials Rc 25-40

	Pack	Ref.
250 x 1.6 x 32mm	10	SSQMT0010
300 x 2.0 x 32mm	10	SSQMT0011

Type H

Very hard wheel for ferrous tube

	Pack	Ref.
250 x 1.6 x 32mm	10	SSQMT0012
250 x 2.0 x 32mm Reinforced	10	SSQMT0013



Type T2

Titanium, aluminium and copper alloys.
Resin bonded

Pack

Ref.

250 x 1.6 x 32mm	10	SSQMT0014
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Rapier Abrasive Cut-Off Wheels – Featuring Coolcut Technology

Type FES

Very hard ferrous materials in the range Rc 60+

Pack

Ref.

250 x 1.6 x 32mm	10	SSQMT0015
300 x 2.0 x 32mm	10	SSQMT0016
350 x 2.5 x 32mm	10	SSQMT0017

Type FEM

Tough materials e.g. ferrous Rc 40-55 and superalloys

Pack

Ref.

250 x 1.6 x 32mm	10	SSQMT0018
300 x 2.0 x 32mm	10	SSQMT0019
350 x 2.5 x 32mm	10	SSQMT0020

Type FEH

General ferrous materials e.g. Rc 25-40 and case hardened specimens

Pack

Ref.

250 x 1.6 x 32mm	10	SSQMT0021
300 x 2.0 x 32mm	10	SSQMT0022
350 x 2.5 x 32mm	10	SSQMT0023

Type FEM

Tough materials e.g. ferrous Rc 40-55 and superalloys

Pack

Ref.

250 x 1.6 x 32mm	10	SSQMT0024
300 x 2.0 x 32mm	10	SSQMT0025
350 x 2.5 x 32mm	10	SSQMT0026

Superthin Abrasive Cut-Off wheels

Type F

Superthin wheels for ferrous materials where ultimate cut surface without burning is essential. Most suitable for cutters with extraction.

	Pack	Ref.
230 x 0.8 x 32mm	10	SSQMT0027
250 x 1.0 x 32mm	10	SSQMT0028
300 x 1.2 x 32mm	10	SSQMT0029
300 x 0.8 x 32mm	10	SSQMT0030
350 x 1.4 x 32mm	10	SSQMT0031

Type T

Superthin wheels for titanium and aluminium alloys for burn free cuts. Most suitable for cutters with extraction.

	Pack	Ref.
250 x 1.0 x 32mm	10	SSQMT0032
300 x 1.2 x 32mm	10	SSQMT0033

Laser Abrasive Cut-Off Wheels - for use with very large cutting machines

Type FES

For large section, very tough superalloys and induction hardened steels

	Pack	Ref.
406 x 3.2 x 32mm	10	SSQMT0034

Type FEM

General purpose tough superalloys and induction hardened steels

	Pack	Ref.
406 x 3.2 x 32mm	10	SSQMT0035



Laser Abrasive Cut-Off Wheels – for use with very large cutting machines

Type FES

For large section, very tough superalloys and induction hardened steels

	Pack	Ref.
432 x 3.2 x 32mm	10	SSQMT0036
432 x 3.2 x 32mm Reinforced	10	SSQMT0037
508 x 3.2 x 32mm Reinforced	10	SSQMT0038

Type FEM

General purpose tough superalloys and induction hardened steels

	Pack	Ref.
432 x 3.2 x 32mm	10	SSQMT0039

Type T4

For large sections of titanium, aluminium and copper alloys

	Pack	Ref.
406 x 1.5 x 32mm	10	SSQMT0040
432 x 3.2 x 32mm	10	SSQMT0041

Type T6

For very large sections of titanium, aluminium and copper alloys

	Pack	Ref.
500 x 2.4 x 32mm	10	SSQMT0042

Type T7

For very large sections of titanium burn free

	Pack	Ref.
500 x 2.4 x 32mm Rubber Bond	10	SSQMT0043

Diamond Cut-Off Wheels – for use with variable speed precision cutters

Type High Concentration

For use on ferrous metals, medium hard ceramics, spray coatings, MM composites & PC boards

	Pack	Ref.
75 x 0.15 x 12.7mm	Each	SSQMT0044
100 x 0.30 x 12.7mm	Each	SSQMT0045
125 x 0.40 x 12.7mm	Each	SSQMT0046
150 x 0.50 x 12.7mm	Each	SSQMT0047
175 x 0.60 x 12.7mm	Each	SSQMT0048

Type Low Concentration

For use on hard ceramics, glass and rock

	Pack	Ref.
75 x 0.15 x 12.7mm	Each	SSQMT0049
100 x 0.30 x 12.7mm	Each	SSQMT0050
125 x 0.40 x 12.7mm	Each	SSQMT0051
150 x 0.50 x 12.7mm	Each	SSQMT0052
175 x 0.60 x 12.7mm	Each	SSQMT0053

Type Cubic Boron Nitrite - High Concentration

For rapid cutting Fe, Ni & Co base alloys

	Pack	Ref.
75 x 0.15 x 12.7mm	Each	SSQMT0054
100 x 0.30 x 12.7mm	Each	SSQMT0055
125 x 0.40 x 12.7mm	Each	SSQMT0056
150 x 0.50 x 12.7mm	Each	SSQMT0057
175 x 0.60 x 12.7mm	Each	SSQMT0058



Superfine Abrasive Cut-Off Wheels – for use with precision cutters

Type HNF

For ferrous materials and superalloys

	Pack	Ref.
100 x 0.25 x 12.7mm	5	SSQMT0059
100 x 0.45 x 12.7mm	5	SSQMT0060
125 x 0.40 x 12.7mm	5	SSQMT0061
150 x 0.50 x 12.7mm	5	SSQMT0062
175 x 0.60 x 12.7mm	5	SSQMT0063

Type T5

For titanium, aluminium and copper alloys

	Pack	Ref.
150 x 0.45 x 12.7mm	5	SSQMT0064
180 x 0.80 x 12.7mm	5	SSQMT0065

Diamond Cut-Off Wheels – Petrographic, Ceramics

Type Continuous RIM

For rocks and petrographic samples

	Pack	Ref.
100 x 0.40	Each	SSQMT0066
150 x 1.00	Each	SSQMT0067
200 x 1.35	Each	SSQMT0068
250 x 1.35	Each	SSQMT0069
300 x 1.60	Each	SSQMT0070
350 x 1.70	Each	SSQMT0071

N.B. Please specify arbour size when ordering

Diamond Cut-Off Wheels – general purpose

Type Resin Bonded

For use with standard, single speed metallurgical cutters for very hard materials e.g. Tungsten Carbide and Ceramics.

	Pack	Ref.
200 x 1.5 x 32mm	Each	SSQMT0072
250 x 1.5 x 32mm	Each	SSQMT0073
300 x 1.5 x 32mm	Each	SSQMT0074
350 x 1.5 x 32mm	Each	SSQMT0075

Accessories for Cutting Machines

Type Cool

Advanced cutting fluid for use in recirculating systems for lubrication and corrosion protection.

	Pack	Ref.
	1 litres	SSQMT0076
	5 litres	SSQMT0077

Type Bioclean

Bacterial disinfectant. Add to cool recirculating tank monthly to prevent bacterial growth and bad odours.

	Pack	Ref.
	1 litre	SSQMT0078

Type Dialub

Advanced cutting oil for use with diamond and CBN blades in precision cutters.

	Pack	Ref.
	1 litre	SSQMT0079

Type Dialub 2

Synthetic water based lubricant for use with diamond and CBN blades in precision cutters.

	Pack	Ref.
	1 litre	SSQMT0080



Dressing Stick

For use with diamond and CBN blades.

Pack

Ref.

12 x 12 x 100mm

Each

SSQMT0081

Anti-foam Agent

Pack

Ref.

60ml

SSQMT0082

Anti-mist Gel

Pack

Ref.

60ml

SSQMT0083

Filter Bags

Pack

Ref.

For Brilliant 265, 275, 285 recirc.

-

SSQMT0084

For Brilliant 200, 230, 250 recirc.

-

SSQMT0085

For Brilliant 200, 230, 250 recirc. plastic

-

SSQMT0086

For Settling tank steel 290 x 150 x 190mm

-

SSQMT0087

For Settling tank steel 250 x 200 x 155mm

-

SSQMT0088

Mounting

Kleer-Set

Polyester resin/hardener system giving glass clear mounts. Curing time: 40 mins.

	Pack	Ref.
KLEER-SET FF Resin and hardener 1kg	-	SSQMT0089
KLEER-SET FF Resin and hardener 5kg	-	SSQMT0090

Tri-Hard

3 part powder/liquid system giving exceptional hardness and low shrinkage for use in exacting applications where specimen edge retention is of paramount importance. Curing time: 15 mins.

	Pack	Ref.
TRI-HARD Kit Regular	1.5kg powder/1L liquid	SSQMT0091
TRI-HARD Kit Regular	6kg powder/4L liquid	SSQMT0092

Vari-Set

Acrylic powder/liquid system offered in two different hardness levels. Powders can be mixed to obtain intermediate levels of hardness. Minimal shrinkage ensures ultimate edge preparation. Curing time: 10 mins.

	Pack	Ref.
VARI-SET 10 Powder soft clear	1kg powder	SSQMT0093
VARI-SET 20 Powder hard green	1kg powder	SSQMT0094
VARI-SET 10/20 liquid	0.5L powder	SSQMT0095

Quick-Set 2

Acrylic powder/liquid system giving fast cure time of 5 minutes, combining ease of use with minimal shrinkage and low odour.

	Pack	Ref.
QUICK-SET Power blue	1kg	SSQMT0096
QUICK-SET Liquid	0.5L	SSQMT0097



Acri-Clear

The most transparent powder/liquid cold mounting system, without using pressure chamber. Curing time 8 mins.

	Pack	Ref.
Crystal-Kleer Powder	1kg	SSQMT0098
Crystal-Kleer Liquid	1L	SSQMT0099

Crystal-Kleer

Quick setting acrylic which becomes glass clear using a pressure chamber.

	Pack	Ref.
Crystal-Kleer Powder	1kg	SSQMT0100
Crystal-Kleer Liquid	1L	SSQMT0101

Epo-Set

Epoxy resin/hardener system, low shrinkage. Curing time approx. 6 hours

	Pack	Ref.
EPO-SET Resin	1kg	SSQMT0102
EP-SET Hardener	250g	SSQMT0103

Epo-Flo

Extremely low viscosity epoxy system for vacuum infiltration of porous materials. Curing time approximately 2.5 hours at 40-50°C. Very low shrinkage

	Pack	Ref.
EPO-FLOW Resin	1kg	SSQMT0104
EPO-FLOW Hardener	0.3kg	SSQMT0105
EPO-FLOW Resin	3kg	SSQMT0106
EPO-FLOW Hardener	1kg	SSQMT0107

Mounting Accessories - Moulds for Cold Mounting.

Round Silicone Rubber

Dia. x Height	Pack	Ref.
25mm x 20mm	1	SSQMT0108
30mm x 20mm	1	SSQMT0109
32mm x 20mm	1	SSQMT0110
40mm x 25mm	1	SSQMT0111
50mm x 25mm	1	SSQMT0112

Met-Moulds

Polypropylene 2 part

	Pack	Ref.
30mm Dia	10	SSQMT0116
1 1/4" Dia	10	SSQMT0117
40mm Dia	10	SSQMT0118

Silicone Mould Release

	Pack	Ref.
Aerosol	400ml	SSQMT0119
Grease	100g	SSQMT0120

Stirring Sticks Wooden

	Pack	Ref.
	500	SSQMT0121



Uniclip

Specimen mounting device for holding sheet material, PCBs, wire and irregular small shapes. Tripod design to minimise interference at the prepared surface.

	Pack	Ref.
UNICLIP plastic tripod (Black)	100	SSQMT0122
UNICLIP plastic tripod (Blue)	100	SSQMT0123
UNICLIP plastic tripod (Red)	100	SSQMT0124
UNICLIP plastic tripod (Green)	100	SSQMT0125
UNICLIP plastic tripod (Yellow)	100	SSQMT0126

Clamp Spring Clips

For mounting thin samples.

	Pack	Ref.
CLAMP Stainless Steel	100	SSQMT0127
CLAMP Plastic	100	SSQMT0128

Sample Identification Labels

	Pack	Ref.
Self Adhesive	200	SSQMT0129
Plain backed	200	SSQMT0130

Specimen Protective Lacquer

	Pack	Ref.
Aerosol	400ml	SSQMT0131

Phenolic

Mounting compounds for general purpose applications, economical in use.

	Pack	Ref.
Bakelite S Black	2.5kg	SSQMT0132
Bakelite S Black	25kg	SSQMT0133
Bakelite R Red	2.5kg	SSQMT0134
Bakelite R Red	25kg	SSQMT0135

Edge-Point

Mounting compound for improved edge retention.

	Pack	Ref.
Black	2.5kg	SSQMT0136
Black	25kg	SSQMT0137

Conducto-Mount

Conductive mounting compound for SEM

	Pack	Ref.
Black	2.5kg	SSQMT0138
Black	25kg	SSQMT0139

Conducto-Mount 2

Improved conductive mounting, hard with exceptional edge retention for SEM

	Pack	Ref.
Black	1kg	SSQMT0140
Black	2.5kg	SSQMT0141

Dap-Mount

Diallylphthalate resin thermosetting, glass filled for low shrinkage and good edge retention.

	Pack	Ref.
Blue	1kg	SSQMT0142
Blue	2.5kg	SSQMT0143

Epo-Mount

Glass filled for the ultimate edge retention.

	Pack	Ref.
Black	1kg	SSQMT0144
Black	2.5kg	SSQMT0145



Epo-Mount 2

For use with poor or damaged moulds for the ultimate edge retention.

	Pack	Ref.
Black	1kg	SSQMT0146
Black	2.5kg	SSQMT0147

Kleer-Mount

Transparent acrylic resin, used when it is essential to observe specimens through the mounting material.

	Pack	Ref.
Transparent	1kg	SSQMT0148
Transparent	2.5kg	SSQMT0149
Transparent	25kg	SSQMT0150

Crystallite

Transparent resin with minimal shrinkage and high hardness. Can be used as a facing with Kleer-Mount to minimise cost.

	Pack	Ref.
Transparent	1.5kg	SSQMT0151

Grinding

Silicon Carbide Waterproof Abrasive Papers

Plain Backed

Discs 203mm

	Pack	Ref.
Grit size P60	100	SSQMT0152
Grit size P80	100	SSQMT0153
Grit size P120	100	SSQMT0154
Grit size P180	100	SSQMT0155
Grit size P240	100	SSQMT0156
Grit size P320	100	SSQMT0157
Grit size P400	100	SSQMT0158
Grit size P600	100	SSQMT0159
Grit size P800	100	SSQMT0160
Grit size P1200	100	SSQMT0161
Grit size P2500	100	SSQMT0162
Grit size P4000	100	SSQMT0163

Plain Backed

Discs 230mm

	Pack	Ref.
Grit size P60	100	SSQMT0164
Grit size P80	100	SSQMT0165
Grit size P120	100	SSQMT0166
Grit size P180	100	SSQMT0167
Grit size P240	100	SSQMT0168
Grit size P320	100	SSQMT0169
Grit size P400	100	SSQMT0170
Grit size P600	100	SSQMT0171



Plain Backed (continued)

Grit size P800	100	SSQMT0172
Grit size P1200	100	SSQMT0173
Grit size P2500	100	SSQMT0174
Grit size P4000	100	SSQMT0175

Discs 250mm

Pack

Ref.

Grit size P60	100	SSQMT0176
Grit size P80	100	SSQMT0177
Grit size P120	100	SSQMT0178
Grit size P180	100	SSQMT0179
Grit size P240	100	SSQMT0180
Grit size P320	100	SSQMT0181
Grit size P400	100	SSQMT0182
Grit size P600	100	SSQMT0183
Grit size P800	100	SSQMT0184
Grit size P1200	100	SSQMT0185
Grit size P2500	100	SSQMT0186
Grit size P4000	100	SSQMT0187

Discs 305mm

Pack

Ref.

Grit size P60	100	SSQMT0188
Grit size P80	100	SSQMT0189
Grit size P120	100	SSQMT0190
Grit size P180	100	SSQMT0191

Discs 305mm

Pack

Ref.

Grit size P220	100	SSQMT0192
Grit size P240	100	SSQMT0193
Grit size P320	100	SSQMT0194
Grit size P400	100	SSQMT0195
Grit size P500	100	SSQMT0196
Grit size P600	100	SSQMT0197
Grit size P800	100	SSQMT0198
Grit size P1000	100	SSQMT0199
Grit size P1200	100	SSQMT0200
Grit size P2500	100	SSQMT0201
Grit size P4000	100	SSQMT0202

Rolls 76mm x 20m

Pack

Ref.

Grit size P120	Each	SSQMT0203
Grit size P180	Each	SSQMT0204
Grit size P240	Each	SSQMT0205
Grit size P320	Each	SSQMT0206
Grit size P400	Each	SSQMT0207
Grit size P600	Each	SSQMT0208
Grit size P800	Each	SSQMT0209
Grit size P1200	Each	SSQMT0210

Adhesive Backed

Discs 230mm

Pack

Ref.

Grit size P60	100	SSQMT0211
Grit size P80	100	SSQMT0212
Grit size P120	100	SSQMT0213
Grit size P180	100	SSQMT0214



Discs 230mm

Pack

Ref.

Grit size P240	100	SSQMT0215
Grit size P320	100	SSQMT0216
Grit size P400	100	SSQMT0217
Grit size P600	100	SSQMT0218
Grit size P800	100	SSQMT0219
Grit size P1200	100	SSQMT0220
Grit size P2500	100	SSQMT0221
Grit size P4000	100	SSQMT0222

Discs 250mm

Pack

Ref.

Grit size P60	100	SSQMT0223
Grit size P80	100	SSQMT0224
Grit size P120	100	SSQMT0225
Grit size P180	100	SSQMT0226
Grit size P240	100	SSQMT0227
Grit size P320	100	SSQMT0228
Grit size P400	100	SSQMT0229
Grit size P600	100	SSQMT0230
Grit size P800	100	SSQMT0231
Grit size P1200	100	SSQMT0232
Grit size P2500	100	SSQMT0233

Discs 305mm

Pack

Ref.

Grit size P60	100	SSQMT0234
Grit size P80	100	SSQMT0235

Discs 305mm

Pack

Ref.

Grit size P120	100	SSQMT0236
Grit size P180	100	SSQMT0237
Grit size P240	100	SSQMT0238
Grit size P320	100	SSQMT0239
Grit size P400	100	SSQMT0240
Grit size P600	100	SSQMT0241
Grit size P800	100	SSQMT0242
Grit size P1200	100	SSQMT0243
Grit size P2500	100	SSQMT0244

Abrasive Belts Waterproof

Silicon Carbide

Cloth Belts 100 x 915mm

Pack

Ref.

Grit size P60	10	SSQMT0245
Grit size P80	10	SSQMT0246
Grit size P120	10	SSQMT0247
Grit size P180	10	SSQMT0248
Grit size P240	10	SSQMT0249
Grit size P400	10	SSQMT0250

Aluminium Oxide

Cloth Belts 100 x 915mm

Pack

Ref.

Grit size P60	10	SSQMT0251
Grit size P80	10	SSQMT0252
Grit size P120	10	SSQMT0253
Grit size P180	10	SSQMT0254
Grit size P240	10	SSQMT0255
Grit size P400	10	SSQMT0256



Zirconia

Cloth Belts 100 x 915mm

	Pack	Ref.
Grit size P60	10	SSQMT0257
Grit size P80	10	SSQMT0258
Grit size P120	10	SSQMT0259

Grit-Grabbers

Double sided adhesive disc for use with plain backed SiC papers. Can be used repeatedly.

	Pack	Ref.
203mm dia	10	SSQMT0260
254 mm dia	10	SSQMT0261
305 mm dia	10	SSQMT0262
Aerosol Spray Adhesive	400ml	SSQMT0263

Matrix Magnetic Preparation Programme

Planar Grinding M Cameo Platinum Series

Suitable for primary and fine grinding ferrous and super alloys. Used to replace SiC abrasive paper to maximise efficiency and minimise waste.

Discs 200mm

	Pack	Ref.
Grit Size P80 - 100	Each	SSQMT0264
Grit Size P120 - 150	Each	SSQMT0265
Grit Size P220 - 320	Each	SSQMT0266
Grit Size P400 - 600	Each	SSQMT0267
Grit Size P1000	Each	SSQMT0268

Discs 250mm

Pack

Ref.

Grit Size P80 - 100	Each	SSQMT0269
Grit Size P120 - 150	Each	SSQMT0270
Grit Size P220 - 320	Each	SSQMT0271
Grit Size P400 - 600	Each	SSQMT0272
Grit Size P1000	Each	SSQMT0273

Discs 300mm

Pack

Ref.

Grit Size P80 - 100	Each	SSQMT0274
Grit Size P120 - 150	Each	SSQMT0275
Grit Size P220 - 320	Each	SSQMT0276
Grit Size P400 - 600	Each	SSQMT0277
Grit Size P1000	Each	SSQMT0278

Zirconia Series

Cloth discs PSA - use with magnoplates. Suitable for primary grinding all materials to remove cutting marks and disturbed layer. The primary advantage of this material is its very long life and cool cutting characteristics, when compared to SiC.

Discs 203mm 8"

Pack

Ref.

Grit Size P60	25	SSQMT0279
Grit Size P80	25	SSQMT0280
Grit Size P120	25	SSQMT0281

Discs 254mm 10"

Pack

Ref.

Grit Size P60	25	SSQMT0282
Grit Size P80	25	SSQMT0283
Grit Size P120	25	SSQMT0284



Discs 305mm 12"

Pack

Ref.

Grit Size P60	25	SSQMT0285
Grit Size P80	25	SSQMT0286
Grit Size P120	25	SSQMT0287

Zirconia Series

Top quality high concentration diamond grinding discs suitable for all grinding and primary polishing for steel, nickel base and titanium alloys.

Discs 200mm 8"

Pack

Ref.

Grit Size P80 - 100 red	Each	SSQMT0288
Grit Size P300 - 320 green	Each	SSQMT0289
Grit Size P500 - 600 blue	Each	SSQMT0290
Grit Size P1000 - 12000 yellow	Each	SSQMT0291

Discs 250mm 10"

Pack

Ref.

Grit Size P80 - 100 red	Each	SSQMT0292
Grit Size P300 - 320 green	Each	SSQMT0293
Grit Size P500 - 600 blue	Each	SSQMT0294
Grit Size P1000 - 12000 yellow	Each	SSQMT0295

Discs 300mm 12"

Pack

Ref.

Grit Size P80 - 100 red	Each	SSQMT0296
Grit Size P300 - 320 green	Each	SSQMT0297
Grit Size P500 - 600 blue	Each	SSQMT0298
Grit Size P1000 - 12000 yellow	Each	SSQMT0299

Magnobase

Attachment to polishing platens to enable all our magnetic products.

	Pack	Ref.
200mm Dia	Each	SSQMT0300
250mm Dia	Each	SSQMT0301
300mm Dia	Each	SSQMT0302

Magnoplate

For use with self adhesive abrasive papers and polishing cloths in conjunction with Magnobase

	Pack	Ref.
200mm Dia	5	SSQMT0303
254mm Dia	5	SSQMT0304
305mm Dia	5	SSQMT0305
305mm Dia Stainless steel M	Each	SSQMT0306

Fine Grinding M Cameo Silver & Gold Series

The Cameo Silver and Gold are a new type of fine grinding disc which deliver a constant stock removal rate. They can be used to replace many traditional grinding steps from 240 to 1200 grit where silicon carbide abrasive paper is commonly used. This reduces the number of steps in your procedure resulting in considerable cost savings and waste reduction, and optimum flatness is achieved. The Matrix pattern optimises the effectiveness of the MetPrep diamond suspension applied, by ensuring continuous and even distribution during the grinding process.

Cameo Silver

For medium hard to very hard materials >400HV

	Pack	Ref.
DISCS 200mm (8") Dia Magnetic Backed	Each	SSQMT0307
DISCS 250mm (10") Dia Magnetic Backed	Each	SSQMT0308
DISCS 300mm (12") Dia Magnetic Backed	Each	SSQMT0309

Cameo Gold

For medium hard to very hard materials >400HV

	Pack	Ref.
DISCS 200mm (8") Dia Magnetic Backed	Each	SSQMT0310
DISCS 250mm (10") Dia Magnetic Backed	Each	SSQMT0311
DISCS 300mm (12") Dia Magnetic Backed	Each	SSQMT0312



Fine Grinding M Cameo Silver & Gold Series

Cost efficient – one Cameo disc replaces many SiC abrasive papers.

Patented surface profile ensures even stock removal.

The micro pools spread and recycle the diamond suspension which substantially reduces the usage compared to other systems.

The stock removal rates of Cameo discs are unsurpassed, giving short preparation times and a perfectly flat surface.

Cameo discs can be used on manual and automatic polishers.

Cameo Silver & Gold Series

Metal bind, raised spot pattern - magnetic

Discs 200mm 8”

Dia metal bond, magnetic backed

	Pack	Ref.
10 micron	Each	SSQMT0313
40 micron	Each	SSQMT0314
75 micron	Each	SSQMT0315

Discs 250mm 10”

Dia metal bond, magnetic backed

	Pack	Ref.
10 micron	Each	SSQMT0316
40 micron	Each	SSQMT0317
75 micron	Each	SSQMT0318

Discs 300mm 12”

Dia metal bond, magnetic backed

	Pack	Ref.
10 micron	Each	SSQMT0319
40 micron	Each	SSQMT0320
75 micron	Each	SSQMT0321

Discs 200mm 8"

Dia metal bond, magnetic backed

	Pack	Ref.
3 micron	Each	SSQMT0322
9 micron	Each	SSQMT0323
30 micron	Each	SSQMT0324

Discs 250mm 10"

Dia metal bond, magnetic backed

	Pack	Ref.
3 micron	Each	SSQMT0325
9 micron	Each	SSQMT0326
30 micron	Each	SSQMT0327

Discs 300mm 12"

Dia metal bond, magnetic backed

	Pack	Ref.
3 micron	Each	SSQMT0328
9 micron	Each	SSQMT0329
30 micron	Each	SSQMT0330

SiC Discs Plain

Use with Magnoplane for magnetic applications

Discs 203mm

	Pack	Ref.
Grit size P60	100	SSQMT0331
Grit size P80	100	SSQMT0332
Grit size P120	100	SSQMT0333
Grit size P180	100	SSQMT0334
Grit size P240	100	SSQMT0335
Grit size P320	100	SSQMT0336
Grit size P400	100	SSQMT0337
Grit size P600	100	SSQMT0338



Discs 230mm

Pack

Ref.

Grit size P800	100	SSQMT0339
Grit size P1200	100	SSQMT0340
Grit size P2500	100	SSQMT0341
Grit size P4000	100	SSQMT0342

Discs 250mm

Pack

Ref.

Grit size P60	100	SSQMT0343
Grit size P80	100	SSQMT0344
Grit size P120	100	SSQMT0345
Grit size P180	100	SSQMT0346
Grit size P240	100	SSQMT0347
Grit size P320	100	SSQMT0348
Grit size P400	100	SSQMT0349
Grit size P600	100	SSQMT0350
Grit size P800	100	SSQMT0351
Grit size P1200	100	SSQMT0352
Grit size P2500	100	SSQMT0353
Grit size P4000	100	SSQMT03521

Discs 305mm

Pack

Ref.

Grit size P60	100	SSQMT0354
Grit size P80	100	SSQMT0355
Grit size P120	100	SSQMT0356
Grit size P180	100	SSQMT0357
Grit size P240	100	SSQMT0358
Grit size P320	100	SSQMT0359
Grit size P400	100	SSQMT0360
Grit size P500	100	SSQMT0361
Grit size P600	100	SSQMT0362

Discs 305mm

Pack

Ref.

Grit size P800	100	SSQMT0363
Grit size P1200	100	SSQMT0364
Grit size P2500	100	SSQMT0365
Grit size P4000	100	SSQMT0366



Polishing

Matrix Magnetic Preparation Programme

Polishing M

Primary Polishing Cloth - Magnetic

Abracloth M

A hard, coarse weave synthetic material for intermediate grinding and primary polishing. Use with 15 or 9 micron diamond.

	Pack	Ref.
203mm Dia	5	SSQMT0367
254mm Dia	5	SSQMT0368
305mm Dia	5	SSQMT0369

Planocloth HM

Perforated chemotextile oil, water and alcohol resistant. For rapid stock removal from hard materials, producing flat, relief free specimens. Used with diamond abrasives 6 micron and larger.

	Pack	Ref.
203mm Dia	5	SSQMT0370
254 mm Dia	5	SSQMT0371
305mm Dia	5	SSQMT0372

PA-W Cloth M

Chemtextile for flat, relief free specimens. Especially useful for soft malleable materials. Use with 6 or 9 micron diamond.

	Pack	Ref.
203mm Dia	5	SSQMT0373
254 mm Dia	5	SSQMT0374
305mm Dia	5	SSQMT0375

Planocloth M

Chemotextile oil, water and alcohol resistant for flat and relief free specimens. Used with diamond abrasives 3 micron and larger.

	Pack	Ref.
203mm Dia	5	SSQMT0376
254mm Dia	5	SSQMT0377
305mm Dia	5	SSQMT0378

Nylap Cloth M

Hard napless, long life for pre-polishing all materials. Use with diamond abrasives micron 6-15.

	Pack	Ref.
203mm Dia	5	SSQMT0379
254mm Dia	5	SSQMT0380
305mm Dia	5	SSQMT0381

Dura Silk M

For coarse polishing difficult tough materials e.g. titanium, titanium aluminide.

	Pack	Ref.
203mm Dia	5	SSQMT0382
254mm Dia	5	SSQMT0383
305mm Dia	5	SSQMT0384

Final Polishing Cloth - Magnetic

Cashmere Cloth M

The softest virgin wool cloth specially prepared to produce flat polished surfaces using diamond or oxide abrasives of between 15 and 1 micron.

	Pack	Ref.
203mm Dia	5	SSQMT0385
254mm Dia	5	SSQMT0386
305mm Dia	5	SSQMT0387



Trounoire M

Dense short napped cloth for final polishing 6-1/4 micron diamond.

	Pack	Ref.
203mm Dia	5	SSQMT0388
254mm Dia	5	SSQMT0389
305mm Dia	5	SSQMT0390

Memphis Cloth M

Heavy duty with medium nap, for final polishing using diamond 3 micron or less.

	Pack	Ref.
203mm Dia	5	SSQMT0391
254mm Dia	5	SSQMT0392
305mm Dia	5	SSQMT0393

Multicloth M

With very short soft nap, for final polishing with oxide abrasives, 1 micron or less.

	Pack	Ref.
203mm Dia	5	SSQMT0394
254mm Dia	5	SSQMT0395
305mm Dia	5	SSQMT0396

Chemicloth M

Black napless porous synthetic cloth for chemical/mechanical final polishing, producing superfine finish with minimal relief. Very long life. Use with colloidal silica or alumina suspension.

	Pack	Ref.
203mm Dia	5	SSQMT0397
254mm Dia	5	SSQMT0398
305mm Dia	5	SSQMT0399

Primary Polishing Cloth - PSA

Abracloth

A hard, coarse weave synthetic material for intermediate grinding and primary polishing. Use with 15 or 9 micron diamond.

	Pack	Ref.
203mm Dia	5	SSQMT0400
254mm Dia	5	SSQMT0401
305mm Dia	5	SSQMT0402

Planocloth H

Perforated chemotextile oil, water and alcohol resistant. For rapid stock removal from hard materials, producing flat, relief free specimens. Used with diamond abrasives 6 micron and larger.

	Pack	Ref.
203mm Dia	5	SSQMT0403
254mm Dia	5	SSQMT0404
305mm Dia	5	SSQMT0405

PA-W Cloth

Chemtextile for flat, relief free specimens. Especially useful for soft malleable materials. Use with 6 or 9 micron diamond.

	Pack	Ref.
203mm Dia	5	SSQMT0406
254mm Dia	5	SSQMT0407
305mm Dia	5	SSQMT0408

Planocloth

Chemotextile oil, water and alcohol resistant for flat and relief free specimens. Used with diamond abrasives 3 micron and larger.

	Pack	Ref.
203mm Dia	5	SSQMT0409
254mm Dia	5	SSQMT0410
305mm Dia	5	SSQMT0411



Nylap Cloth

Hard napless, long life for pre-polishing all materials. Use with diamond abrasives micron 6-15.

	Pack	Ref.
203mm Dia	5	SSQMT0412
254mm Dia	5	SSQMT0413
305mm Dia	5	SSQMT0414

Dura Silk

For coarse polishing difficult tough materials e.g. titanium, titanium aluminide. Use with 3 or 6 micron.

	Pack	Ref.
203mm Dia	5	SSQMT0415
254mm Dia	5	SSQMT0416
305mm Dia	5	SSQMT0417

Final Polishing Cloth - PSA

Cashmere Cloth

The softest virgin wool cloth specially prepared to produce flat polished surfaces using diamond or oxide abrasives of between 15 and 1 micron.

	Pack	Ref.
203mm Dia	5	SSQMT0418
254mm Dia	5	SSQMT0419
305mm Dia	5	SSQMT0420

Trounoire

Dense short napped cloth for final polishing 6-1/4 micron diamond.

	Pack	Ref.
203mm Dia	5	SSQMT0421
254mm Dia	5	SSQMT0422
305mm Dia	5	SSQMT0423

Memphis Cloth

Heavy duty with medium nap, for final polishing using diamond 3 micron or less.

	Pack	Ref.
203mm Dia	5	SSQMT0424
254mm Dia	5	SSQMT0425
305mm Dia	5	SSQMT0426

Multicloth

With very short soft nap, for final polishing with oxide abrasives, 1 micron or less.

	Pack	Ref.
203mm Dia	5	SSQMT0427
254mm Dia	5	SSQMT0428
305mm Dia	5	SSQMT0429

Chemicalcloth

Black napless porous synthetic cloth for chemical/mechanical final polishing, producing superfine finish with minimal relief.

	Pack	Ref.
203mm Dia	5	SSQMT0430
254mm Dia	5	SSQMT0431
305mm Dia	5	SSQMT0432

Diamond Polishing Compounds - Monocrystalline

Diamond

Compound in disposable syringes

	Pack	Ref.
Micron size ¼ Grey	5g	SSQMT0433
Micron size ¼	20g	SSQMT0434
Micron size 1 Blue	5g	SSQMT0435
Micron size 1	20g	SSQMT0436
Micron size 3 Green	5g	SSQMT0437
Micron size 3	20g	SSQMT0438



Diamond (continued)

Micron size 6 Yellow	5g	SSQMT0439
Micron size 6	20g	SSQMT0440
Micron size 9 Red	5g	SSQMT0441
Micron size 9	20g	SSQMT0442
Micron size 15 Brown	5g	SSQMT0443
Micron size 15	20g	SSQMT0444
Micron size 30 Mahogany	5g	SSQMT0445
Micron size 30	20g	SSQMT0446
Micron size 45 Purple	5g	SSQMT0447
Micron size 45	20g	SSQMT0448

Diaspray

Monocrystalline diamond water base aerosol, manually pressurised.

	Pack	Ref.
Micron size ¼ Grey	250ml	SSQMT0449
Micron size 1 Blue	250ml	SSQMT0450
Micron size 3 Green	250ml	SSQMT0451
Micron size 6 Yellow	250ml	SSQMT0452
Micron size 9 Red	250ml	SSQMT0453
Micron size 15 Brown	250ml	SSQMT0454
Micron size 30 Mahogany	250ml	SSQMT0455
Micron size 45 Purple	250ml	SSQMT0456

Diamond Suspensions

Monocrystalline water base with trigger spray

	Pack	Ref.
Micron size ¼ Grey	400ml	SSQMT0457
Micron size 1 Blue	400ml	SSQMT0458
Micron size 3 Green	400ml	SSQMT0459
Micron size 6 Yellow	400ml	SSQMT0460
Micron size 9 Red	400ml	SSQMT0461
Micron size 15 Brown	400ml	SSQMT0462
Micron size 30 Mahogany	400ml	SSQMT0463
Micron size 45 Purple	400ml	SSQMT0464
Micron size 90 Clear	400ml	SSQMT0465

Diamond Suspensions

Monocrystalline water base, refill bottles

	Pack	Ref.
Micron size ¼ Grey	1L	SSQMT0466
Micron size 1 Blue	1L	SSQMT0467
Micron size 3 Green	1L	SSQMT0468
Micron size 6 Yellow	1L	SSQMT0469
Micron size 9 Red	1L	SSQMT0470
Micron size 15 Brown	1L	SSQMT0471
Micron size 30 Mahogany	1L	SSQMT0472
Micron size 45 Purple	1L	SSQMT0473

Diamond Suspensions

Monocrystalline oil base, refill bottles

	Pack	Ref.
Micron size ¼ Grey	1L	SSQMT0474
Micron size 1 Blue	1L	SSQMT0475
Micron size 3 Green	1L	SSQMT0476
Micron size 6 Yellow	1L	SSQMT0477
Micron size 9 Red	1L	SSQMT0478



Diamond Suspensions (continued)

Micron size 15 Brown	1L	SSQMT0479
Micron size 30 Mahogany	1L	SSQMT0480
Micron size 45 Purple	1L	SSQMT0481

Diamond Suspensions

Unique compound formulation, self lubricating for maximum economy, with trigger spray

	Pack	Ref.
Micron size ¼ Grey	500ml	SSQMT0482
Micron size 1 Blue	500ml	SSQMT0483
Micron size 3 Green	500ml	SSQMT0484
Micron size 6 Yellow	500ml	SSQMT0485
Micron size 9 Red	500ml	SSQMT0486
Micron size 15 Brown	500ml	SSQMT0487

Metprep

Diamond lubricant, water base - Yellow

	Pack	Ref.
Aerosol - pump up	250ml	SSQMT0488
Bottle	2.5L	SSQMT0489

Metprep

Diamond lubricant, water/oil base - Red

	Pack	Ref.
Bottle	1L	SSQMT0490

Metprep

Diamond lubricant, alcohol base - Blue

	Pack	Ref.
Aerosol - pump up	1L	SSQMT0491
Bottle	2.5L	SSQMT0492

Metprep

Diamond lubricant, oil base

	Pack	Ref.
Bottle	2.5L	SSQMT0493

Dispensers

	Pack	Ref.
Trigger spray attachment	Each	SSQMT0494
Pump up refillable aerosol 250ml	Each	SSQMT0495

Diamond Polishing Compound - Polycrystalline

Diamond

Compound in disposable syringes

	Pack	Ref.
Micron size ¼	10g	SSQMT0496
Micron size 1	10g	SSQMT0497
Micron size 3	10g	SSQMT0498
Micron size 6	10g	SSQMT0499
Micron size 9	10g	SSQMT0500
Micron size 15	10g	SSQMT0501

Diaspray

Polycrystalline diamond water base aerosol, manually pressurised

	Pack	Ref.
Micron size ¼	250ml	SSQMT0502
Micron size 1	250ml	SSQMT0503
Micron size 3	250ml	SSQMT0504
Micron size 6	250ml	SSQMT0505
Micron size 9	250ml	SSQMT0506
Micron size 15	250ml	SSQMT0507

Diamond Suspensions

Polycrystalline, water base, with trigger spray

	Pack	Ref.
Micron size ¼	400ml	SSQMT0508
Micron size 1	400ml	SSQMT0509
Micron size 3	400ml	SSQMT0510



Diamond Suspensions (continued)

Micron size 6	400ml	SSQMT0511
Micron size 9	400ml	SSQMT0512
Micron size 15	400ml	SSQMT0513

Diamond Suspensions

Polycrystalline, water base, refill bottles

Pack

Ref.

Micron size ¼	1L	SSQMT0514
Micron size 1	1L	SSQMT0515
Micron size 3	1L	SSQMT0516
Micron size 6	1L	SSQMT0517
Micron size 9	1L	SSQMT0518
Micron size 15	1L	SSQMT0519

Polymet Suspensions

Water base, special formula for dramatic reduction in polishing times

Pack

Ref.

Micron size 1	400ml	SSQMT0520
Micron size 3	400ml	SSQMT0521
Micron size 6	400ml	SSQMT0522
Micron size 9	400ml	SSQMT0523
Micron size 15	400ml	SSQMT0524

Oxide Polishing Compounds - Polishing Silica

SILCO

Colloidal silica suspension, high concentration

Pack

Ref.

Micron size .06	1L	SSQMT0525
Micron size .06	5L	SSQMT0526
Micron size .06	25L	SSQMT0527

OPUS Non crystallising

Colloidal silica suspension, high concentration.
Suitable for automatic peristaltic dosers.

Pack

Ref.

Micron size .04	1L	SSQMT0528
Micron size .04	5L	SSQMT0529
Micron size .04	25L	SSQMT0530

Polishing Alumina

Dry powder alpha

Pack

Ref.

Micron size 1.0	500g	SSQMT0531
Micron size 1.0	2kg	SSQMT0532
Micron size 0.3	500g	SSQMT0533
Micron size 0.3	2kg	SSQMT0534

Dry Powder Gamma

Pack

Ref.

Micron size 0.5	500g	SSQMT0535
Micron size 0.5	2kg	SSQMT0536

Aqueous Suspensions

Pack

Ref.

Alpha micron size 5.0	1L	SSQMT0537
Alpha micron size 1.0	1L	SSQMT0538
Alpha micron size 0.3	1L	SSQMT0539
Gamma micron size 0.05	1L	SSQMT0540





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