

PLASSTEZE



- 💎 **Lapping & Polishing Machines**
- 💎 **Lapping & Polishing Consumables**

Seamless Polishing Solutions
Ensuring Excellent Metallic Finish...

A company on the move.....

Polishing is an art more than science. It's just not rubbing of surface with some abrasives.. It is a carefully arranged steps of using abrasives in decreasing order of their grain size that result in a polished surface. Polishing helps in better aesthetic and superior end product finishing, easy release of components, facilitate flow of plastic, shorten injection time and prolong tool life. In many cases, it constitutes 15-20% of the cost of manufacturing a mould. Polishing is a very important step in mould making sequence which, if not taken seriously, can end up taking huge time and destroying the work of your best of Designers, Machinists and Die-Fitters.

Polishing is a profession that must be learned and practiced in order to achieve the desired results in the shortest time possible for which you need good equipment, polishing supplies and experienced hand.

PLASSTEZE offers top of the line, quality polishing equipment, tools and abrasives, imported from different parts of world, and some manufactured in house. Representing some of the world renowned companies we offer right mix of price and quality. Established with an objective to provide world-class products, we are today recognized for our high quality, State-of-the-art products and prompt services.

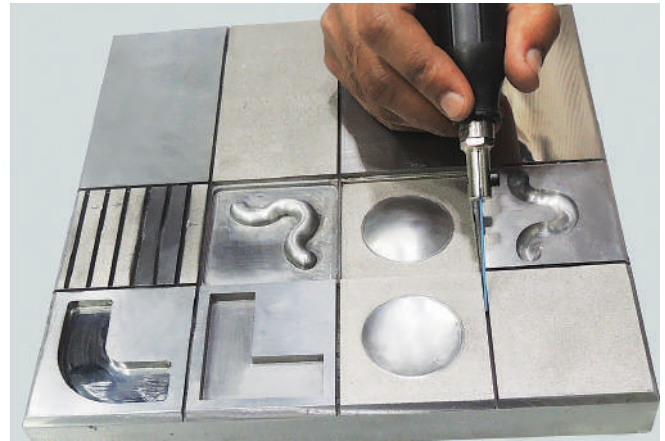


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Ultrasonic Polishing



Manual polishing is a tedious process. In particular small, intricate, detailed work requires additional effort and patience. Our Ultrasonic Polishing Machines effectively replace certain time-consuming and costly small, detailed hand finishing work.

Applications & Advantages

Conventional die profilers, as well as air-powered lapping machines that may have a stroke length of up to 6~7 mm, the reciprocating action of an ultrasonic unit ranges only from 5~30microns. However, the extremely fast reciprocating tool motion of 21,000 to 28,000 strokes per second provides the extra productivity and gives the polisher complete fingertip control when finishing even the most intricate ribs, slots and details. An experienced individual, when working with an ultrasonic polishing machine on very small details, may reduce finishing time by as much as 40 to 65 percent. Ultrasonic units with super fast, very short strokes, provide virtual unrestricted finger tip control. The harder the materials are which require finishing, the more likely it is that an ultrasonic unit will improve polishing time. Subsequently, complicated heat-treated moulds and dies, carbide dies or inserts and detailed punches with fine edges and very narrow slots machined by EDM are perfect for using ultrasonic polishing systems. It is ideal and justifiable when work on small to very small details is required. Other applications are ribs, slits, tapered or different shaped holes and other areas that are hard to polish or finish by hand.

Tooling & Abrasives used with Ultrasonic Polishing Machine

Usually the surface to be polished is very rough when it is received in the polishing room after machining process like EDM, Wire cut or Milling. The first step is to remove these EDM grains or cutter marks. Ultrasonic Polishing Machine is extremely helpful in doing this quickly due to its high frequency of reciprocation - almost 25000 strokes in a second.

Abrasives that can be used in Ultrasonic Polishing are:

Ceramic Fiber Stones – available in variety of sizes and grits ranging from 120 to 3000. Excellent results on all substrates having hardness upto 45 HRC, ceramic fiber stones are used for removing initial EDM grains and cutter marks.

Diamond Files - available in variety of sizes and grits ranging from 120 to 600. More finer grit sizes available on request. Excellent performance on polishing of steels (any hardness), Tungsten Carbides, Glass, Ceramics etc.

Diamond Foils - available in grits ranging from 120 to 1800. Cut the desired shape / size of Diamond foil and paste on suitable size of tool holder made of wood / brass / Steel. Excellent performance on polishing of steels (any hardness), Tungsten Carbides, Glass, Ceramics etc.

Diamond Compound - available in size ranging from 1/4 to 50 microns. Use suitable lap made of wood or brass to do mirror polishing on all metals.



Ultrasonic + Micromotor Polishing

Technical Specifications

| | |
|------------|---|
| Input | : AC220V 50/60Hz30VA |
| Output | : Ultrasonic AC6~60V, 0.5A DC 3~30V, 0.5A |
| Frequency | : 24 KHz |
| Stroke | : 30~45µm |
| Dimensions | : Controller W94 x H130 x D283mm Rotary H/P: Φ30x155mm, Ultrasonic H/P: Φ30x155mm |
| Weight | : Controller 3.2 KG Rotary Hand-piece: 265 gm, U/S Hand-piece: 200gm |

- One Controller with two polishing operations – Ultrasonic + Micromotor
- Safety circuit to preclude the probability of over-heating or overloading.
- Possible to use in clockwise and counter clockwise direction for micro-motor hand-piece.
- A compact & light weighted hand-piece ergonomically designed to enhance the operational efficiency.
- Applications include the finishing of plastic moulds, die-casting dies, ceramic, carbide, glass, nonferrous and precious metal. Ideal for deburring, polishing and removing EDM scales.

Motosonic Economy Version - MEV Only Ultrasonic Polishing Machine

The Standard package includes

- Hybrid Controller
- HPULTRAIL - Ultrasonic Handpiece
- Power Cable
- Spanner, Clamp & Allen key
- Diamond File – 3Pcs
- Spare Fuse & Spare screw
- Collets – 2Pcs
- Ceramic Stones – 2Pcs



MOTOSONIC - Economy version

Motosonic Standard Version - MSV Ultrasonic & Micromotor Polishing Machine

The Standard package includes

- Hybrid Controller
- HPULTRAIL - Ultrasonic Handpiece
- SM45C - Straight Rotary handpiece
- Power Cable
- Spanner, Clamp & Allen Key
- Spare screw & Spare Fuse
- Diamond File – 3 Pcs
- Collets – 2Pcs
- Ceramic Stones – 2Pcs
- Abrasive Mounted Points – 10 Pcs
- Rubberised Mounted points – 5 Pcs



MOTOSONIC - Standard version

Motosonic Premium Version - MPV

Ultrasonic & Micromotor Polishing Machine with multiple Rotary Handpiece



Ultrasonic + Micromotor Polishing

UT01 STANDARD HEAD

Weight: 115g
Collet: 2.34 & 3.0mm



UT11 SLENDER HEAD

Weight: 120g
Collet: 2.34 & 3.0mm



UT07 ANGLE HEAD 120 DEG

Weight: 210g
Collet: 2.34 & 3.0mm



RE 35 - RECIPROCATING HANDPIECE

Reciprocating Stroke 0-6mm
Frequency 420 ~4200 Strokes/min
Tools with shank ø2.0 6.35 can be used



UM21 MICRO MOTOR

Weight: 170g w/o motor cord.
Speed: 1500 ~ 1500 rpm
Max. torque: 900g cm (8.8N cm)



The Standard package includes

- Hybrid Controller
- HPULTRAI - Ultrasonic Handpiece
- UM21 - Micro Motor
- UT01 - Standard Head
- UT06 - Angle Head 90 deg
- UT07 - Angle Head 120 deg
- RE35 - Reciprocating Handpiece
- Diamond File - 3 Pcs
- Ceramic Stones - 2Pcs
- Abrasive Mounted Points - 10 Pcs
- Rubberised Mounted points - 5 Pcs
- Spare screw & Spare Fuse
- Collets - 2Pcs
- Power Cable
- Spanner, Clamp & Allen Key



HPULTRAI
Ultrasonic Hand-piece

Micromotor Polishing Machine

Excellent for detailed finishing & polishing applications where vibration-less rotary tools are to be used for very precise work. Easy portability is another big advantage with these machines.

Mini Moto

Mini Moto Brush Less Polishing Machine - MMBL

Controller

| | |
|---|-----------------------------|
| Power | : AC220V 50 hz |
| Weight | : 2.23 kg |
| Dimensions | : 83 x 225 x 203 mm (WxDxH) |
| Auto Cruise function with optional foot Pedal | |
| Self Diagnosis Function | |
| Variable Speed thru knob | |
| Digital Display | |

Handpiece

| | |
|--------------------------------|-------------------------------------|
| Speed | : 1000~50000 RPM |
| Torque | : 7.6 Ncm |
| Collet | : 3mm (2.34mm available on request) |
| Weight | : 215 gm |
| Dimensions | : Ø27x L160mm |
| Negligible Noise and Vibration | |



Mini Moto (Brush) Polishing Machine - MMEV

Controller

| | |
|-------------|---------------------|
| Power: | AC220V 50/60Hz 30VA |
| Output: | DC 3~30V, 0.5A |
| Weight: | 2.320 Kg |
| Dimensions: | 190X135X240 mm |

Handpiece

| | |
|------------|-----------|
| Weight: | 265 gms |
| Collet: | 3mm |
| Max Speed: | 40000 RPM |
| Torque: | 4.5 Ncm |



Handpiece Options for Motosonic & Mini Moto Polishing Machine



UT01 STANDARD HEAD



Weight: 115g
Collet: 2.34 & 3.0mm

UT03 POWER ROTARY HEAD



Weight: 150g
Collet: 3.0 & 6.0mm

UT06 POWER ANGLE HEAD 90

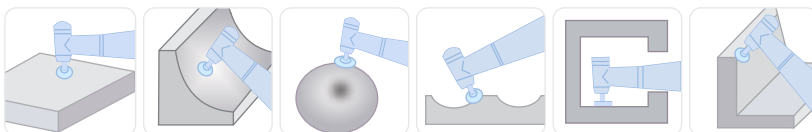


Weight: 200g
Collet: 2.34 & 3.0mm

UT07 POWER ANGLE HEAD 120



Weight: 210g
Collet: 2.34 & 3.0mm



UM23



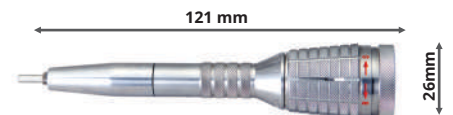
Weight: 170g w/o motor cord.
Speed: 3000~ 30,000 rpm
Max. torque: 650 gm (6.5N cm)

UM21



Weight: 170g w/o motor cord.
Speed: 1500~ 15000 rpm
Max. torque: 900g cm (8.8N cm)

UT11 LONG SLENDER HEAD

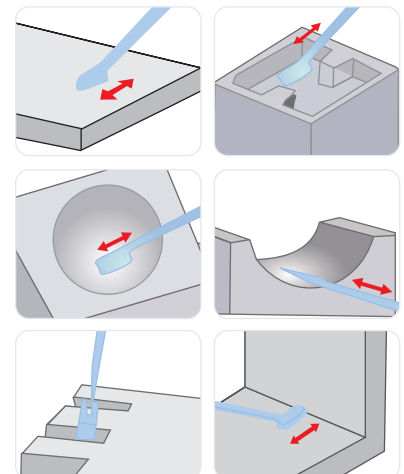


Weight: 120g
Collet: 2.34 & 3.0mm

RE 35 - RECIPROCATING HANDPIECE



- Tools with shank \varnothing 2.0~6.35 can be used
- Fixed or free floating reciprocating operation
- Motor unit incorporates Self-Cooling fan
- Reciprocating Stroke 0-6mm
- Frequency 420~4200 Strokes / min



Flexible Shaft Polishing Machine



FP301 Technical Specifications

Speed : 20000 RPM
 Rotation : Forward / Reverse
 Output : 1/4 HP
 Motor : 220V AC

The Standard package includes:

- Motor
- 26518 Handpiece 1/4" chuck (1-6mm opening)
- Flexible shaft
- Variable speed Foot Pedal

Stand shown in above pictures is an optional accessory.

Spare Parts



Carbon Brushes



Coupler



Outer Sleeve



Inner Shaft

Flexible Shaft Polishing Machine Handpiece



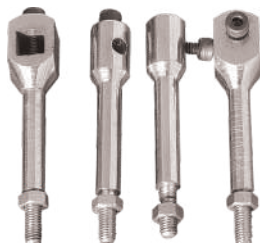
- PL018 - Reciprocation Handpiece (Made in India)



- 26518 - Large Handpiece, w 1/4" chuck (1~6 mm opening)



- 26517 - Right Angle Handpiece, w/2 collets (2.4 & 3.0mm)



- PL020 Tool Holder for Reciprocating Handpiece



- PL019 - 120° Angle Handpiece (Made in India)

Heavy Duty Flexible Shaft Polishing Machine

- Speed regulation directly at the motor
- Collet for direct fixing of tools and shafts
- Machine freely movable by manual use
- More handpiece attachment available as option
- Hanging type & table version
- Light and easy to transport
- With gear unit for low speed

XHD 600A

Heavy duty motor and strong flexible shaft

| | |
|-----------------|----------------|
| Speed | 8000~24000 RPM |
| Power | 600 watts |
| Input | 230V AC |
| Standard Collet | 6 mm |
| Optional Collet | 3 mm |

Standard package includes:

| | |
|----------|--------------------|
| 17000004 | Motor |
| 111703 | Inner shaft |
| 121703 | Outer Casing |
| 401007 | Straight Handpiece |



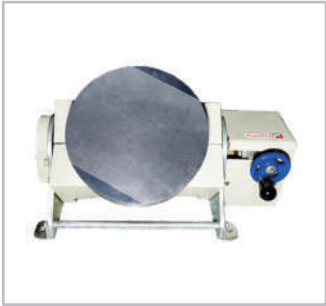
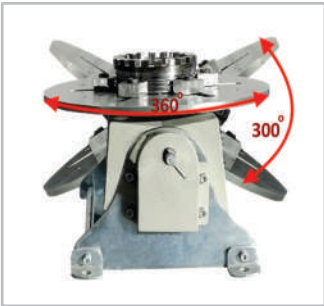
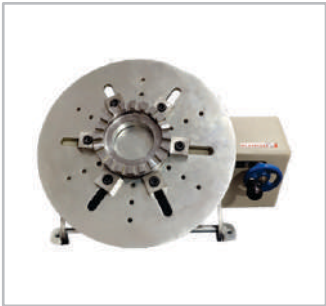
XHD 600B

Heavy duty motor and light weight flexible shaft

| | |
|-----------------|----------------|
| Speed | 8000~24000 RPM |
| Power | 600 watts |
| Input | 230V AC |
| Standard Collet | 6 mm |
| Optional Collet | 3 mm |

Standard package includes:

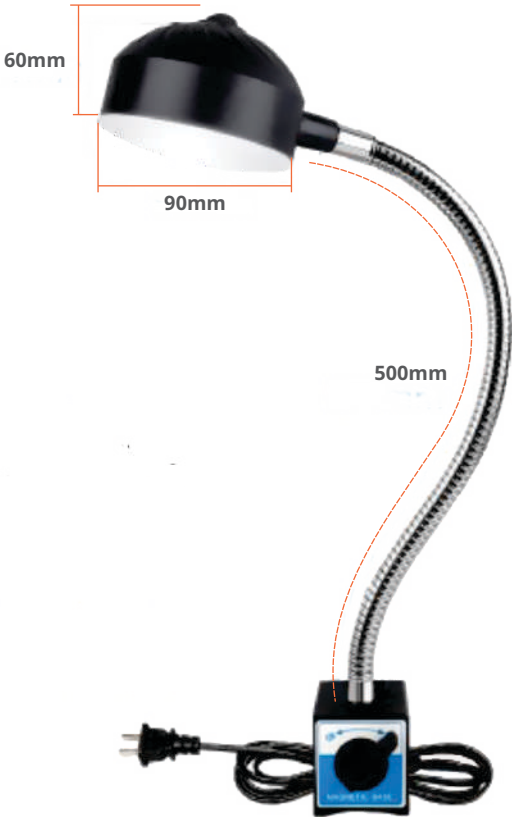
| | |
|----------|--------------|
| 17000004 | Motor |
| 111403 | Inner shaft |
| 121403 | Outer Casing |
| 401004 | Handpiece |



TURN N TILT TABLE

- ▶ Easy positioning of job
- ▶ Variety of table options
- ▶ 300 deg tilt and 360 deg turn
- ▶ Ergonomic working posture for the polisher

| | TNT400 | TNT250M | TNT150M |
|---------------------|-------------|-------------|-------------|
| Table Top | Steel | Magnetic | Magnetic |
| Table Top Diameter | 400mm | 250mm | 150mm |
| Turn Angle | 360° | 360° | 360° |
| Tilt Angle (Degree) | 300 | 300 | 300 |
| Max Weight of job | 70kg | 40kg | 20kg |
| LXWXH (mm) | 600x400x270 | 600x290x270 | 600x290x270 |
| Weight | 46kg | 50kg | 36kg |



Work Lamp - WLM20

- ▶ On/Off switchable 20 watt LED Lamp
- ▶ Flexible arm - 500mm Length
- ▶ 220V AC power input
- ▶ On/Off switchable magnetic base

SPM 500 Polishing Machine

Polish your cylindrical jobs with ease. Three jaw chuck to hold cylindrical work piece by OD or ID. Range of polishing tools and abrasives available to achieve your surface finish requirements.



| Technical Specifications: | |
|---------------------------|--------------------------|
| Motor Power | 1 HP/0.75 kw |
| Electrical input | 220 Volt, 50Hz |
| Job holding diameter | OD: 2~40mm ID : 36-110mm |
| RPM | 300-3500 RPM |
| Speed regulation | Stepless |
| Direction of rotation | Reversible |
| Weight | 35kg |
| Dimensions | 400X300X430 |

Polishing Machine

UG-500/Silent type

- High-torque, quiet-running and well balanced.
- Ideal for precision grinding and finishing works.
- Replaceable collet chuck: $\varnothing 3.0\text{mm}$ is standard, $\varnothing 2.34$ as option
- Speed : 60,000 rpm
- Weight : 110g
- Dimensions : $\varnothing 20 \times 160\text{L}$ (mm)



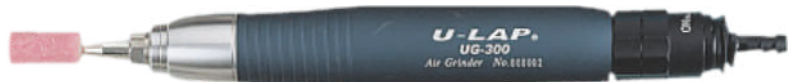
UG-400/Economic type

- Reliable quality and competitive price
- Fixed type collet chuck: $\varnothing 3.0\text{mm}$.
- Speed : 60,000 rpm
- Weight : 130g
- Dimensions: $\varnothing 17 \times 159\text{L}$ (mm)



UG-300 Dual Collet Type

- High torque, heavy-duty, general-purpose applicable for deburring, chamfering, milling and finishing the welded surfaces etc.
- Dual collet chuck: $\varnothing 3.0 / \varnothing 6.0\text{mm}$.
- Speed : 35,000 rpm
- Weight : 170g
- Dimensions : $\varnothing 22 \times 180\text{L}$ (mm)



GP-260 Precision Type

- High-torque, quiet-running and well balanced.
- Ideal for precision grinding and finishing works.
- Fixed type collet chuck: $\varnothing 3.0\text{mm}$.
- Speed : 60,000 rpm
- Weight : 180g
- Dimensions: $\varnothing 17.5 \times 142\text{L}$ (mm)



GP-380 Precision Type

- High-torque, quiet-running and well balanced.
- Ideal for precision grinding and finishing works.
- Fixed type collet chuck: $\varnothing 3.0\text{mm}$.
- Speed : 80,000 rpm
- Weight : 160g
- Dimensions: $\varnothing 20.3 \times 143\text{L}$ (mm)



AG-45/Angle Surface Grinder

- 45 degree angle surface grinder.
- M7 screw Shaft for mounting abrasive cup wheels and abrasive paper disc.
- Ideal for surface grinding, chamfering, deburring and finishing welded surfaces etc.
- Speed : 23,500 rpm
- Weight : 180 g
- Dimensions : $\varnothing 17 \times 153L \times 50 H$ (mm)



AG-90/Angle Surface Grinder

- 90 degree angle surface grinder.
- M7 screw Shaft for mounting abrasive cup wheels and abrasive paper disc.
- Ideal for surface grinding, chamfering, deburring and finishing welded surfaces etc.
- Speed : 23,500 rpm
- Weight : 170 g
- Dimensions : $\varnothing 17 \times 140L \times 39H$ (mm)



Cup Wheels



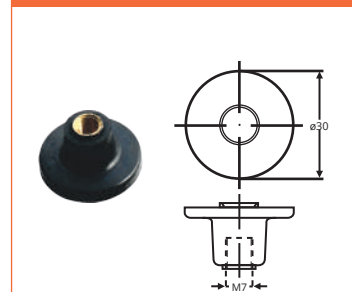
| Grit # | Part # |
|--------|-----------|
| 60 | AGS01G60 |
| 100 | AGS01G100 |
| 150 | AGS01G150 |

Paper Disc



| Grit # | Part # |
|--------|-----------|
| 60 | AGS01G60 |
| 100 | AGS01G100 |
| 150 | AGS01G150 |
| 240 | AGS01G240 |
| 320 | AGS01G320 |
| 400 | AGS01G400 |

Rubber Pad



AGP-01

Unit : Single PC

For use with Air Tools
AG45 & AG90

UTR-70 Turbo Air Lappers



- Driven by turbine air motor.
- Low noise, low vibration and durable tool life.
- UTR-70 suits general purpose polishing and finishing process of mold and die.
- Stroke : 0.7mm
- Speed : 28,000 spm.
- Weight : 220g
- Dimensions : $\varnothing 28 \times 200$ mm

UTR-30 Turbo Air Lappers

- Driven by turbine air motor.
- Low noise, low vibration and durable tool life.
- UTR-30 suits intricate area lapping
- Stroke : 0.3mm
- Speed : 30,000 spm.
- Weight : 220g
- Dimensions : $\varnothing 28 \times 200$ mm



US-200 Swing Air Lappers



- Side to side stroke.
- Bigger swing stroke suit for lapping bigger surface and excellent for deburring or chamfering works of die casting parts.
- Stroke : 2.0mm
- Speed : 16,000 spm.
- Weight : 520g
- Dimensions : $\varnothing 34 \times 205$ mm

PLA-590 Econ Type



- High Torque, general purpose applicable for deburring, chamfering, milling, and finishing the welded surface
- Speed: 50000 RPM
- Weight: 110 gms
- Dual collet chuck D3mm & D2.4mm
- Dimension : D19 mm x L150 mm
- Rear air exhaust type

- Economy air grinder for general purpose grinding and polishing applications
- Speed: 60000 RPM
- Weight: 140 gms
- Collet : 3 mm
- Dimensions: D15.8 X L140 mm
- Rear exhaust type

PLA390 Econ Type



PLA-70 Air Lapper



- Driven by turbine air motor.
- Low noise, low vibration and durable tool life.
- PLA 70 suits general purpose polishing and finishing
- process of mould and die.
- Stroke : 0.7mm
- Speed : 28,000 spm.
- Weight : 200g
- Dimensions : D29 x L 210mm

PLA468 Econ Heavy Duty



- Speed - 30000 RPM
- Weight - 750 gms
- Collet - 3 & 6 mm
- Size - 33*180 mm

PLA1007 ECON 90 deg Air Grinder



- Speed - 20000 RPM
- Weight - 480 gms
- Collet - 3 & 6 mm
- Size. - 34*160 mm

PLA 095A ECON 90 deg Air Grinder



- Speed - 52500 RPM
- Weight - 130 gms
- Collet - 3 mm

PLA 121A ECON 120 deg Air Grinder



- Speed - 52500 RPM
- Weight - 120 gms
- Collet - 3 mm

Economy Air Tools



PLA 093A Turboair

90 deg Angle Surface Grinder

| | |
|--------|-----------|
| Speed | 23500 RPM |
| Weight | 160 gms |
| Holder | 30mm |



PLA 123A Turboair

90 deg Angle Surface Grinder

| | |
|--------|-----------|
| Speed | 23500 RPM |
| Weight | 170 gms |
| Holder | 30mm |



DG37 Air Sender 2"

2" Sander with Roloc Disc Holder

| | |
|-----------|-----------------------------|
| Speed | 1500 rpm |
| Weight | 478 gms |
| Air Inlet | 1/4" BSP |
| Options | 3" pad available on request |



PLA 412 Turboair

ECON 2" Sander

| | |
|--------|----------------------|
| Speed | 1500 rpm |
| Weight | 680 gms |
| Holder | 2" Velcro Sander Pad |

New Abrasives:

2" Velcro Film Disc for use with Sander



| Size Ømm | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
|-------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| Grit | 180 | 220 | 320 | 400 | 600 | 800 | 1000 | 1200 | 1500 | 2000 |
| Type | Velcro | Velcro | Velcro | Velcro | Velcro | Velcro | Velcro | Velcro | Velcro | Velcro |
| Part# | VFD 500180 | VFD 500220 | VFD 500320 | VFD 500400 | VFD 500600 | VFD 500800 | VFD 501000 | VFD 501200 | VFD 501500 | VFD 501200 |

Economy Air Tools



PLA 205 ECON Air Filer

| | |
|--------|----------|
| Speed | 3400 SPM |
| Weight | 520 gms |
| Collet | 6mm |
| Stroke | 5mm |



PLA 476 ECON Air Filer

| | |
|--------|----------|
| Speed | 5000 SPM |
| Weight | 930 gms |
| Collet | 6mm |
| Stroke | 10mm |



PLA 501B Engraver

| | |
|--------------|-------------|
| Size | 20 x 155 mm |
| Weight | 220 gms |
| Tip Size | 1.6mm |
| Air Pressure | 6kg/cm2 |



PLA 640 Air Saw

| | |
|--------------|------------|
| Speed | 2000 SPM |
| Weight | 540 gms |
| Stroke | 10mm |
| Air Pressure | 6.5 Kg/cm2 |



FMR 20 ECON Air Nipper

| | |
|--------------|-------------|
| Size | 45 x 155 mm |
| Weight | 378 gms |
| Air Pressure | 6 kg/cm2 |



PLA 471 Belt Sander

| | |
|--------------|------------|
| Speed | 16000 SPM |
| Weight | 1550 gms |
| Belt Size | 20*520mm |
| Air Pressure | 6.5 Kg/cm2 |

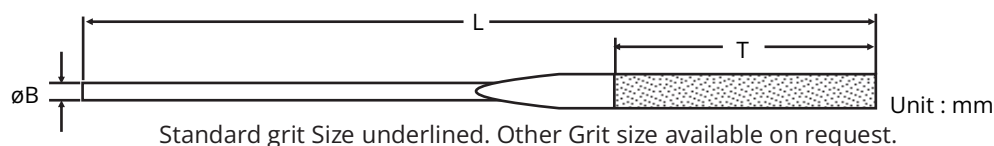


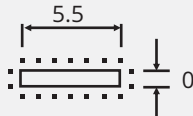
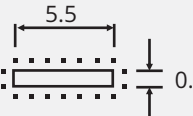
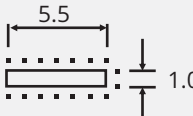
PLA 100 ECON Chamfering Tool

| | |
|------------------|-------------|
| Free Speed | 28000 RPM |
| Chamfer Capacity | MS: 0.1~1.5 |
| | SS: 0.1~1.0 |
| Chamfer Type | C & R Type |
| Size | 60X150 mm |
| Weight | 500 gms |
| Air Pressure | 6 Kg/cm2 |

An excellent tool to chamfer plates, holes (OD & ID), quick and effortless. Tungsten Carbide double cutter head, supplied with 2 bits each for C & R chamfer. Adjustable speed and adjustable depth of 0.1 to 0.9mm.

Diamond Needle Files

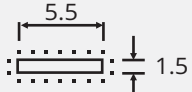
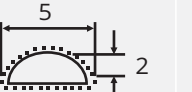



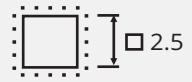

| Order No. | PF-705 | PF-708 | PF-710 |
|---------------|---|---|---|
| Cross section |  |  |  |

PF-70: 140L x 40~50T x Ø3.0B

Grit size : #150, #200, #400



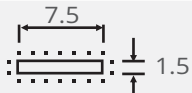
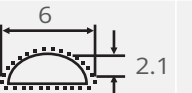

| Order No. | PF-101 | PF-102 | PF-103 |
|---------------|---|---|---|
| Cross section |  |  |  |

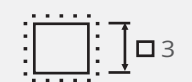

| Order No. | PF-104 | PF-105 |
|---------------|--|--|
| Cross section |  |  |

PF-10 :
140L x 50T x Ø3.0B
Grit size : #120, #200, #400

 PF-100 : 5pcs, set



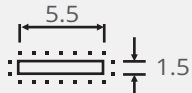
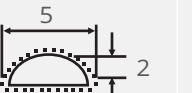

| Order No. | PF-301 | PF-302 | PF-303 |
|---------------|---|---|---|
| Cross section |  |  |  |

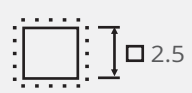

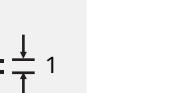
| Order No. | PF-304 | PF-305 |
|---------------|---|---|
| Cross section |  |  |

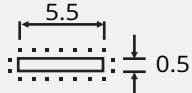
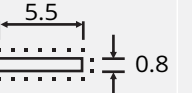

PF-30 :
180L x 60T x Ø3.4B
Grit size : #120, #200, #400

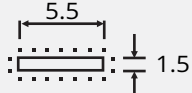
 PF-300 : 5pcs, set




| Order No. | PFL-101 | PFL-102 | PFL-103 |
|---------------|---|---|---|
| Cross section |  |  |  |

| Order No. | PFL-104 | PFL-105 | PFL-106 |
|---------------|---|---|---|
| Cross section |  |  |  |

| Order No. | PFL-705 | PFL-708 | PFL-03 |
|---------------|---|---|---|
| Cross section |  |  |  |



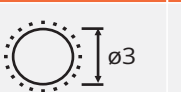
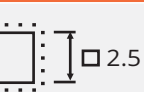


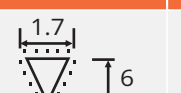



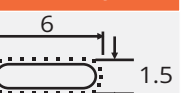
| Order No. | PFL-01 |
|---------------|---|
| Cross section |  |

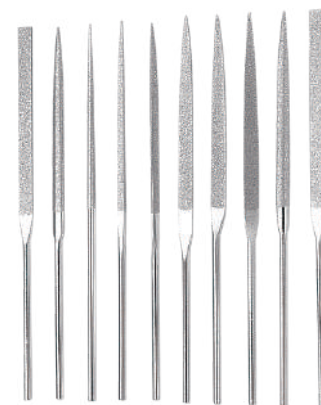
PFL-10 :
180L x 25~50T x Ø3.0B
Grit size : #200, #150, #400

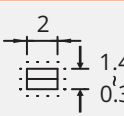
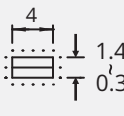
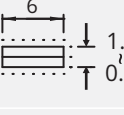
 PFL-100 : 10pcs, set /wooden case



Diamond Files

| Order No. | PF-101L | PF-102L | PF-103L | PF-104L |
|---------------|---|---|---|--|
| Cross section |  |  |  |  |
| Order No. | PF-105L | PF-106L | PF-107L | PF-108L |
| Cross section |  |  |  |  |
| Order No. | PF-102L | PF-110L | PF-10L : 140L x 70T x Ø3.0B Grit size : #120, #200, #400  PF-10L : 10pcs, set | |
| Cross section |  |  | | |

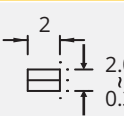
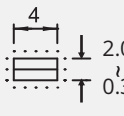
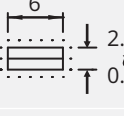
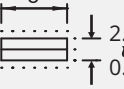


| Total length | Dia. length | Cross-section | Grit size | Order no. |
|--------------|-------------|---|----------------------|-------------------------------|
| 130 | 30 |  | #200 #400 #600 | PTF-12F PTF-12V PTF-12X |
| 130 | 30 |  | #200 #400 #600 | PTF-14F PTF-14V PTF-14X |
| 130 | 30 |  | #200 #400 #600 | PTF-16F PTF-16V PTF-16X |
| 140 | 50 | Ø3 | #600 | PF-103X |

 PTF-100 : 10pcs, set 10 pcs. set in pvc pouch, contains one each of all above files



Diamond Hand Tapered Files

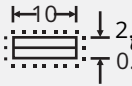
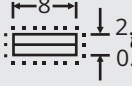
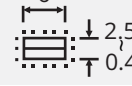


| Total length | Dia. length | Cross-section | Grit size | Order no. |
|--------------|-------------|---|----------------------|-------------------------------|
| 180 | 40 |  | #150 #200 #400 | CF-402J CF-402F CF-402V |
| 180 | 50 |  | #150 #200 #400 | CF-404J CF-404F CF-404V |
| 180 | 50 |  | #150 #200 #400 | CF-406J CF-406F CF-406V |
| 180 | 50 |  | #150 #200 #400 | CF-408J CF-408F CF-408V |

CF-40



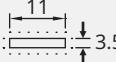
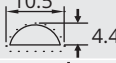

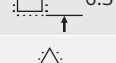
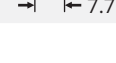
 CF-400: 12pcs. Set/PVC pouch

CF-50 DIAMOND HAND TAPPER FILES

| L | T | Cross-section | Grit | Order No. |
|-----|----|---|--------------|-----------|
| 180 | 70 |  | #150 #200 | CF-501 |
| 180 | 60 |  | #150 #200 | CF-502 |
| 180 | 60 |  | #150 #200 | CF-503 |
| 180 | 50 |  | #150 #200 | CF-504 |
| 180 | 50 |  | #150 #200 | CF-505 |



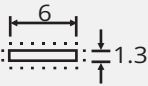
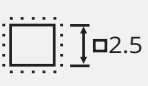
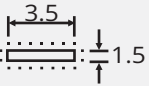

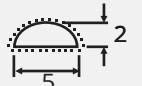
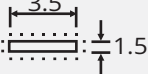
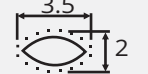

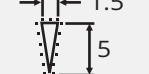
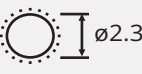
 CF-500: 5pcs. Set/Wooden Case, Grit Size: #150, #200

| Total length | Dia. length | Cross-section | Order no. |
|--------------|-------------|---|-----------|
| 215 | 80 |  | IF-501 |
| 215 | 80 |  | IF-502 |
| 215 | 80 |  | IF-503 |
| 215 | 80 |  | IF-504 |
| 215 | 80 |  | IF-505 |


IF-50, Grit size : #100



Diamond Bent File (Riflers)

| Order No. | BF-901 | BF-902 | BF-903 | BF-904 | BF-905 |
|---------------|---|---|---|---|---|
| Cross section |  |  |  |  |  |
| Order No. | BF-906 | BF-907 | BF-908 | BF-909 | BF-910 |
| Cross section |  |  |  |  |  |

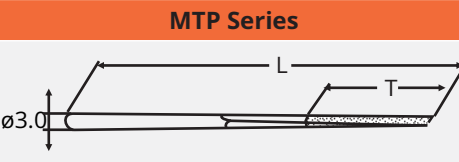
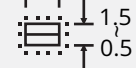

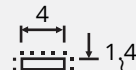

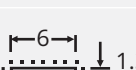


 BF-900 : 10pcs, set BF-90 : 140L x 20T x Ø3.0B, Grit size : #150, #200, #400

Diamond Files

DIAMOND MACHINE FILES



| MTP Series | L | T | Cross-section | Grit | Order No. |
|---|----|----|---|------------------------------|--|
|  | 70 | 25 |  | #150 #200 #300 #400 | MTP-12J MTP-12F MTP-12H MTP-12V |
|  | 70 | 25 |  | #150 #200 #300 #400 | MTP-14J MTP-14F MTP-14H MTP-14V |
|  | 70 | 25 |  | #150 #200 #300 #400 | MTP-16J MTP-16F MTP-16H MTP-16V |

MTP-120 : 12pcs. set/pvc pouch



| Order No. | MPF-101 | MPF-102 | MPF-103 | MPF-104 | MPF-109 |
|---------------|---------|---------|---------|---------|---------|
| Cross-section | | | | | |

MPF-10 : 90L x 45T x Ø3.0B Grit size : #150, #200, #400

MPF-100 : 5pcs. set

MBF - 90

Total length : 65mm

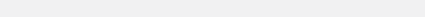

Tool shank : Ø3.0mm

Diamond coating length : 20 ~ 30mm etc.

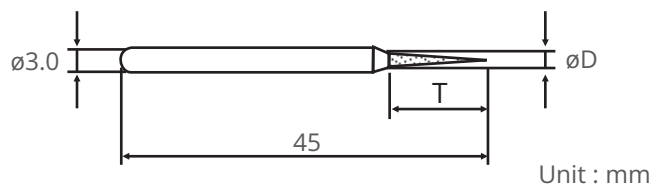


| | | Order no. | | |
|-------------------|-----------|-----------|----------|----------|
| Shape & Size (mm) | | #150 | #200 | #400 |
| 1. | 5.8 X 1.2 | MBF-901 | MBF-901F | MBF-901V |
| 2. | 3.2 X 1.4 | MBF-902 | MBF-902F | MBF-902V |
| 3. | 5 X 2 | MBF-903 | MBF-903F | MBF-903V |
| 4. | 3.2 X 1.4 | MBF-904 | MBF-904F | MBF-904V |
| 5. | Ø3 | MBF-905 | MBF-905F | MBF-905V |
| 6. | Ø3 | MBF-906 | MBF-906F | MBF-906V |
| 7. | 2.5 | MBF-907 | MBF-907F | MBF-907V |
| 8. | 3.2 X 1.4 | MBF-908 | MBF-908F | MBF-908V |
| 9. | 3.2 X 1.4 | MBF-909 | MBF-909F | MBF-909V |
| 10. | 3.5 X 2 | MBF-910 | MBF-910F | MBF-910V |
| 10 pcs. set | | MBF-900 | MBF-900F | MBF-900V |

SINTERED DIAMOND FILES

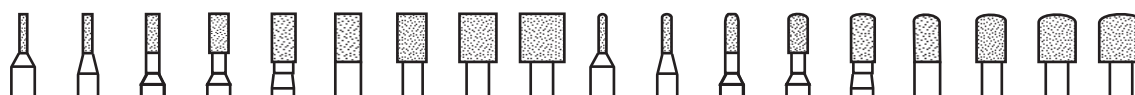
| | L | T | Cross-section | Grit | Order No. |
|---|----|----|--|------|-----------|
|  | 54 | 20 |  | #200 | MMF-615F |

DIAMOND MOUNTED POINTS



Grit Size:

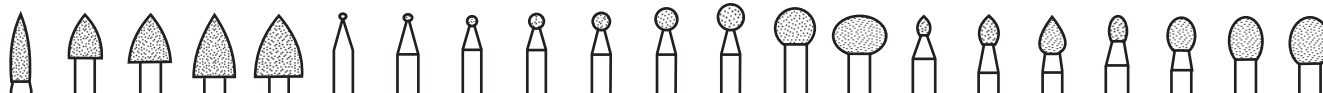
øD over ø6.0mm : #100, 2.0~5.0mm : #120, ø1.5mm & under : #150, Shank Dia : 3mm
Shank 2.4 & 6mm diameter available on request.



| øD | ø1 | ø1.5 | ø2 | ø2.5 | ø3 | ø3.5 | ø4 | ø5 | ø6 | ø1 | ø1.5 | ø2 | ø2.5 | ø3 | ø3.5 | ø4 | ø5 | ø6 |
|-----|-----|------|-----|------|-----|------|-----|-----|-----|-----|------|-----|------|-----|------|-----|-----|-----|
| T | 8 | 8 | 8 | 8 | 10 | 10 | 10 | 10 | 10 | 8 | 8 | 8 | 8 | 10 | 10 | 10 | 10 | 10 |
| No. | 10A | 15A | 20A | 25A | 30A | 35A | 40A | 50A | 60A | 10C | 15C | 20C | 25C | 30C | 35C | 40C | 50C | 60C |



| øD | ø2 | ø3 | ø3 | ø1.2 | ø1.5 | ø1.5 | ø2 | ø3 | ø2 | ø3 | ø4 | ø5 | ø6 | ø2 | ø3 | ø4 | ø5 | ø6 |
|-----|-----|-----|-----|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| T | 10 | 10 | 10 | 16 | 13 | 10 | 12 | 14 | 12 | 15 | 15 | 15 | 13 | 10 | 12 | 10 | 10 | 12 |
| No. | 20T | 30T | 30V | 13R | 14R | 15R | 20R | 30R | 20P | 30P | 40P | 50P | 60P | 20F | 30F | 40F | 50F | 60F |



| øD | ø3 | ø4 | ø5 | ø5 | ø6 | ø1 | ø1.5 | ø2 | ø2.5 | ø3 | ø4 | ø5 | ø6 | ø8 | ø2 | ø3 | ø4 | ø3 | ø4 | ø5 | ø6 |
|-----|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| T | 14 | 10 | 10 | 13 | 13 | - | - | - | - | - | - | - | - | - | 4 | 6 | 7 | 5 | 7 | 9 | 10 |
| No. | 30J | 40J | 50J | 51J | 60J | 10B | 15B | 20B | 25B | 30B | 40B | 50B | 60B | 80B | 20S | 30S | 40S | 30Q | 40Q | 50Q | 60Q |

ASSORTMENT SET

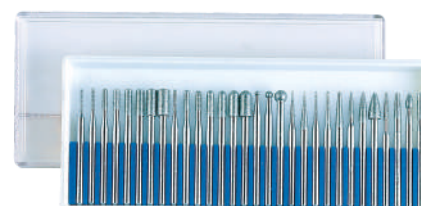
BMS-20 / 20pcs.set Contains one each of below:

BM-10A, 15A, 20A, 25A, 30A, 35A, 15C, 20C, 25C, 30C, 20P, 30P, 15R, 20R, 30R, 20B, 30B, 20F, 30F, 20T.



BMS-30 / 30pcs.set Contains one each of below:

BM-10A, 15A, 20A, 25A, 30A, 35A, 40A, 50A, 20B, 30B, 50B, 15C, 20C, 25C, 30C, 35C, 40C, 50C, 20P, 30P, 15R, 20R, 30R, 30S, 20F, 30F, 50F, 20T, 30T, 30V.



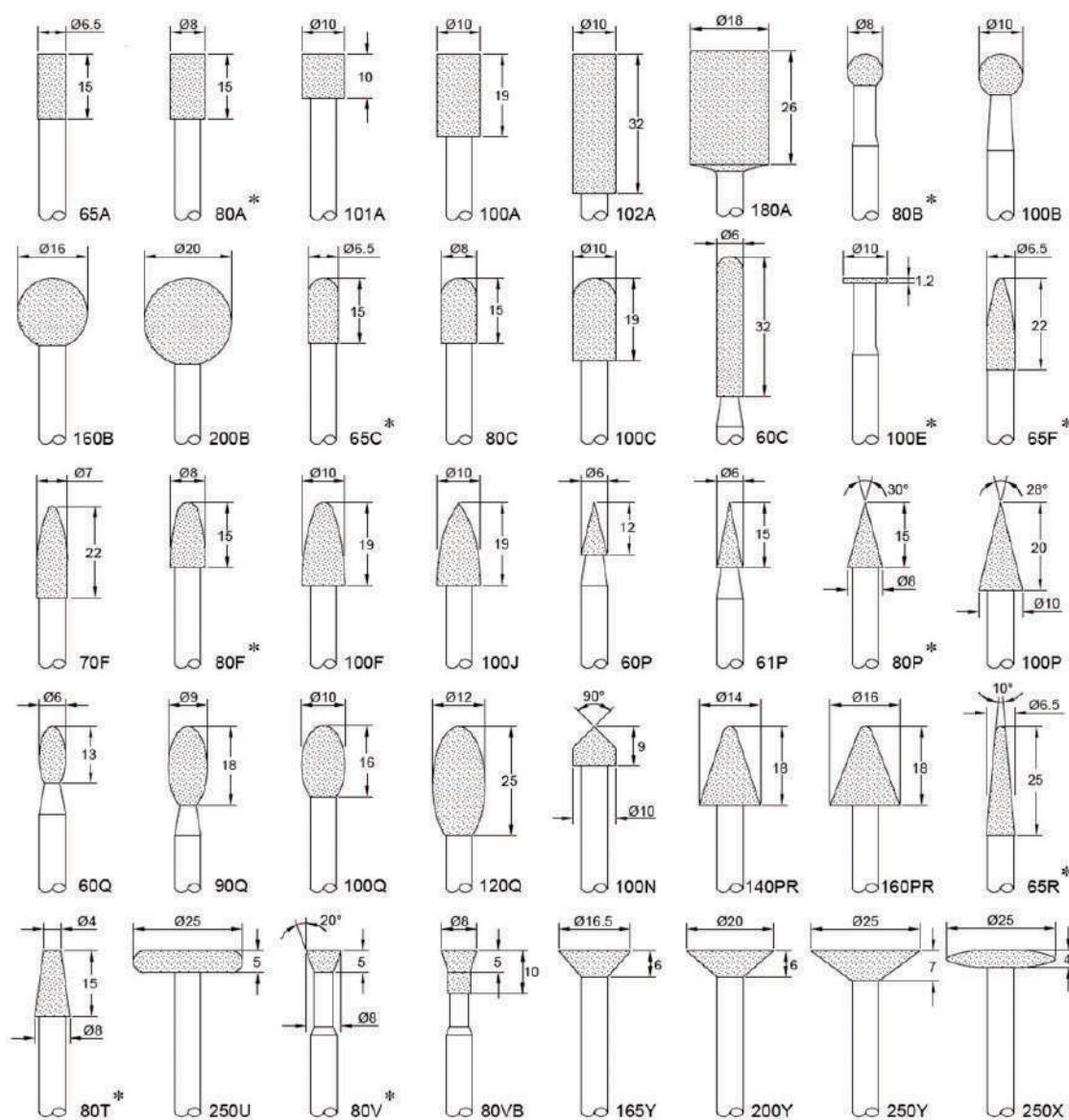
Diamond Mounted Point - 6mm Shank

Grit size available in #40, #60 and #100,
When ordering, please specify.

| | |
|------------------|-------------|
| Ordering example | BC-65A, #40 |
| Shank diameter | ø6.0mm, |
| Total length | 60~65mm |

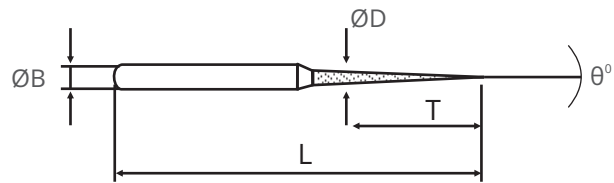


Unit mm


















BC-10 : 10 pcs. Assortment set, contains one each of above points, which are denoted by *mark.
Ordering example : BC-10, #60

DIAMOND TAPER POINTS

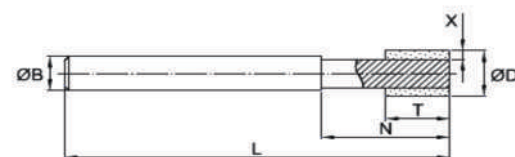


Specification

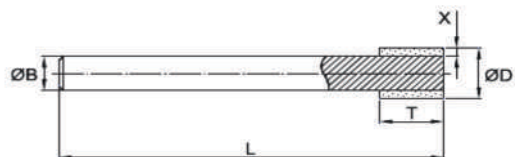
Unit : mm

| | ØD | T | Ø° | ØB | L | Grit size | Order No. |
|---|-------|----|------|------|------|-----------|-----------|
|  | Ø1.8 | 25 | 3.1 | Ø3.0 | 50.0 | #150 | 18PL |
|  | Ø2.1 | 34 | 2.8 | Ø3.0 | 55.0 | #150 | 21PXL |
|  | Ø3.0 | 25 | 6.4 | Ø3.0 | 60.0 | #150 | 30PL |
|  | Ø4.8 | 26 | 9.6 | Ø3.0 | 55.0 | #150 | 48PL |
|  | Ø1.5 | 26 | 2.3 | Ø3.0 | 55.0 | #150 | 15PL |
|  | Ø2.0 | 48 | 1.9 | Ø3.0 | 70.0 | #150 | 20PXL |
|  | Ø2.3 | 40 | 2.7 | Ø3.0 | 65.0 | #150 | 23PXL |
|  | Ø2.5 | 45 | 2.6 | Ø3.0 | 70.0 | #150 | 25PXL |
|  | Ø3.0 | 38 | 4.2 | Ø3.0 | 70.0 | #150 | 30PXL |
|  | Ø6.0 | 33 | 10.0 | Ø6.0 | 60.0 | #120 | 60P10 |
|  | Ø6.0 | 28 | 12.0 | Ø6.0 | 60.0 | #120 | 60P12 |
|  | Ø6.0 | 23 | 14.0 | Ø6.0 | 60 | #120 | 60P14 |
|  | Ø6.0 | 21 | 16 | Ø6.0 | 60 | #120 | 60P16 |
|  | Ø6.0 | 17 | 20 | Ø6.0 | 60 | #120 | 60P20 |
|  | Ø10.0 | 19 | 30 | Ø6.0 | 60 | #120 | 100P30 |

Vitrified & Resinoid Internal Grinding Wheels



Type A



Type B

Vitrified CBN internal points are used for internal grinding and jig grinding of high speed steel and hardened alloy steel. (Wet Grinding)

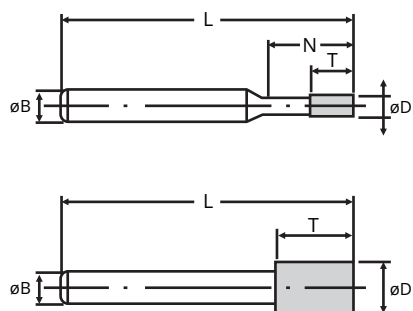
| Specification | | | | | | | | Unit : mm |
|---------------|------|------|----|-----|----|----|----|-----------|
| Order No. | Type | ØD | T | X | N | L | ØB | Grit size |
| VIB-3040 | A | 4.0 | 6 | 1.0 | 12 | 60 | 3 | #200 |
| VIB-3050 | A | 5.0 | 6 | 1.5 | 12 | 60 | 3 | #200 |
| VIB-3060 | A | 6.0 | 6 | 2.0 | 12 | 60 | 3 | #200 |
| VIB-3080 | A | 8.0 | 8 | 3.0 | 12 | 60 | 3 | #200 |
| VIB-6100 | B | 10.0 | 8 | 2.0 | | 80 | 6 | #200 |
| VIB-6120 | B | 12.0 | 10 | 3.0 | | 80 | 6 | #200 |
| VIB-8140 | B | 14.0 | 12 | 3.0 | | 80 | 8 | #200 |
| VIB-6140 | B | 14.0 | 12 | 4.0 | | 80 | 6 | #200 |
| VIB-8160 | B | 16.0 | 12 | 4.0 | | 80 | 8 | #200 |
| VIB-6160 | B | 16.0 | 12 | 5.0 | | 80 | 6 | #200 |
| VIB-8180 | B | 18.0 | 12 | 5.0 | | 80 | 8 | #200 |
| VIB-6180 | B | 18.0 | 12 | 6.0 | | 80 | 6 | #200 |

Resinoid CBN internal points are used for internal grinding and jig grinding of high speed steel and hardened alloy steel.

| Specification | | | | | | | | Unit : mm |
|---------------|------|------|----|-----|----|----|----|-----------|
| Order No. | Type | ØD | T | X | N | L | ØB | Grit size |
| RIB-3040 | A | 4.0 | 5 | 1.0 | 12 | 45 | 3 | #200 |
| RIB-3045 | A | 4.5 | 6 | 1.3 | 12 | 45 | 3 | #200 |
| RIB-3050 | A | 5.0 | 6 | 1.5 | 12 | 45 | 3 | #200 |
| RIB-6060 | A | 6.0 | 6 | 2.0 | 12 | 80 | 3 | #150 |
| RIB-6070 | A | 7.0 | 8 | 2.5 | 15 | 80 | 6 | #150 |
| RIB-6080 | A | 8.0 | 8 | 3.0 | 15 | 80 | 6 | #150 |
| RIB-6100 | A | 10.0 | 10 | 2.0 | 20 | 80 | 8 | #150 |
| RIB-6120 | B | 12.0 | 10 | 3.0 | 20 | 80 | 6 | #150 |
| RIB-6140 | B | 14.0 | 10 | 4.0 | - | 80 | 6 | #150 |
| RIB-6160 | B | 16.0 | 10 | 4.0 | - | 80 | 6 | #150 |
| RIB-6180 | B | 18.0 | 10 | 5.0 | - | 80 | 6 | #150 |
| RIB-6200 | B | 20.0 | 10 | 6 | - | 80 | 6 | #150 |

Grit size in the above table is standard for that item, others are available upon request

DIAMOND/CBN INTERNAL GRINDING WHEELS



Order No.

| Diamond | CBN | ØD | T | N | L | ØB | Grit size |
|---------|---------|-----|---|----|----|-----|-----------|
| ID-3004 | IB-3004 | 0.4 | 2 | 5 | 35 | 3.0 | #400 |
| ID-3005 | IB-3005 | 0.5 | 2 | 5 | 35 | 3.0 | #400 |
| ID-3006 | IB-3006 | 0.6 | 3 | 5 | 40 | 3.0 | #200 |
| ID-3007 | IB-3007 | 0.7 | 3 | 8 | 40 | 3.0 | #200 |
| ID-3008 | IB-3008 | 0.8 | 3 | 8 | 40 | 3.0 | #200 |
| ID-3009 | IB-3009 | 0.9 | 4 | 8 | 40 | 3.0 | #200 |
| ID-3010 | IB-3010 | 1.0 | 5 | 8 | 40 | 3.0 | #200 |
| ID-3015 | IB-3015 | 1.5 | 5 | 8 | 45 | 3.0 | #150 |
| ID-3020 | IB-3020 | 2.0 | 5 | 12 | 45 | 3.0 | #150 |
| ID-3025 | IB-3025 | 2.5 | 5 | 15 | 45 | 3.0 | #150 |
| ID-3030 | IB-3030 | 3.0 | 5 | 15 | 45 | 3.0 | #150 |
| ID-3040 | IB-3040 | 4.0 | 5 | - | 50 | 3.0 | #150 |
| ID-3050 | IB-3050 | 5.0 | 8 | - | 50 | 3.0 | #150 |
| ID-3060 | IB-3060 | 6.0 | 8 | - | 50 | 3.0 | #150 |

Order No.

| Diamond | CBN | ØD | T | N | L | ØB | Grit size |
|---------|---------|-----|----|----|----|-----|-----------|
| ID-6040 | IB-6040 | 4.0 | 10 | 22 | 80 | 6.0 | #100 |
| ID-6050 | IB-6050 | 5.0 | 10 | 22 | 80 | 6.0 | #100 |
| ID-6060 | IB-6060 | 6.0 | 10 | 22 | 80 | 6.0 | #100 |
| ID-6070 | IB-6070 | 7.0 | 10 | - | 80 | 6.0 | #100 |
| ID-6080 | IB-6080 | 8.0 | 10 | - | 80 | 6.0 | #100 |
| ID-6090 | IB-6090 | 9.0 | 10 | - | 80 | 6.0 | #100 |
| ID-6100 | IB-6100 | 10 | 10 | - | 80 | 6.0 | #100 |
| ID-6120 | IB-6120 | 12 | 10 | - | 80 | 6.0 | #100 |
| ID-6140 | IB-6140 | 14 | 10 | - | 80 | 6.0 | #100 |
| ID-6160 | IB-6160 | 16 | 10 | - | 80 | 6.0 | #100 |
| ID-6180 | IB-6180 | 18 | 10 | - | 80 | 6.0 | #100 |
| ID-6200 | IB-6200 | 20 | 10 | - | 80 | 6.0 | #100 |

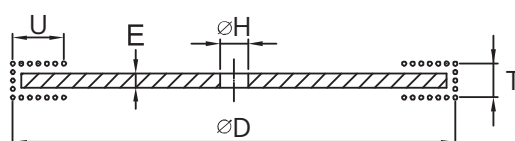
DIAMOND DISC



A type



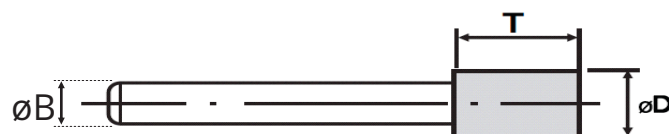
E type



- Diamond Discs are used for grooving, cutting and grinding glass, tungsten carbide, ceramic, stone, hard rubber, FRP, composite materials and graphite...etc.

| Order no. | Type | ØD | T | U | E | ØH | Grit |
|-----------|------|------|------|------|------|------|------|
| | | (mm) | (mm) | (mm) | (mm) | (mm) | |
| BM-190E | E | 19 | 0.4 | 2 | 0.2 | 1.7 | #200 |
| BM-190A | A | 19 | 0.4 | 6 | 0.2 | 1.7 | #200 |
| BM-250E | E | 25 | 0.4 | 2 | 0.2 | 1.7 | #200 |
| BM-250A | A | 25 | 0.5 | 8 | 0.2 | 1.7 | #150 |

Tungsten Carbide Rotary Burrs



| Cylindrical End | | | | Cylindrical Radius End | | | | Conical End | | | | Oval End | | | |
|-----------------|----|-----------|---------|------------------------|----|-----------|---------|-------------|----|-----------|---------|----------|----|-----------|---------|
| D | T | Shank (B) | Part# | D | T | Shank (B) | Part# | D | T | Shank (B) | Part# | D | T | Shank (B) | Part# |
| 3 | 13 | 3 | CE 0303 | 3 | 13 | 3 | CR 0303 | 3 | 13 | 3 | CN 0303 | 3 | 13 | 3 | OE 0303 |
| 4 | 13 | 3 | CE 0403 | 5 | 13 | 3 | CR 0503 | 5 | 13 | 3 | CN 0503 | 5 | 13 | 3 | OE 0503 |
| 5 | 13 | 3 | CE 0503 | 6 | 13 | 3 | CR 0603 | | | | | 6 | 10 | 3 | OE 0603 |
| 6 | 13 | 3 | CE 0603 | | | | | | | | | | | | |



| Ball End | | | | Tree Radius End | | | | Cylindrical with End Cut | | | | Pointed Nose Tree End | | | |
|----------|-----|-----------|---------|-----------------|----|-----------|---------|--------------------------|----|-----------|---------|-----------------------|----|-----------|---------|
| D | T | Shank (B) | Part# | D | T | Shank (B) | Part# | D | T | Shank (B) | Part# | D | T | Shank (B) | Part# |
| 3 | 2.7 | 3 | BE 0303 | 3 | 9 | 3 | TR 0303 | 4 | 14 | 3 | CC 0403 | 4 | 13 | 3 | PT 0403 |
| 4 | 4 | 3 | BE 0403 | 5 | 13 | 3 | TR 0503 | 6 | 14 | 3 | CC 0603 | 5 | 13 | 3 | PT 0503 |
| 5 | 5 | 3 | BE 0503 | 6 | 13 | 3 | TR 0603 | | | | | 6 | 13 | 3 | PT 0603 |



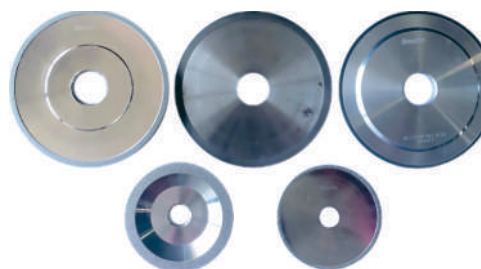
| Flame End | | | | Inverted Cone End | | | | Pointed Nose Tree End | | | | V End | | U End | |
|-----------|----|-----------|--------|-------------------|---|-----------|--------|-----------------------|----|-----------|--------|-------|--------|-------|--------|
| D | T | Shank (B) | Part# | D | T | Shank (B) | Part# | D | T | Shank (B) | Part# | Part# | VE1206 | Part# | UE1206 |
| 4 | 13 | 3 | FE0403 | 4 | 6 | 3 | IC0403 | 4 | 12 | 3 | PT0403 | D | 12 | D | 12 |
| 5 | 13 | 3 | FE0503 | 5 | 7 | 3 | IC0503 | 5 | 13 | 3 | PT0503 | T | 6 | T | 6 |
| 6 | 13 | 3 | FE0603 | 6 | 7 | 3 | IC0603 | 6 | 14 | 3 | PT0603 | (B) | 6 | (B) | 6 |



| Cylindrical End Double Cut | | | | Oval End-Double Cut | | | | Ball End-Double Cut | | | | Tree Radius End-Double Cut | | | |
|----------------------------|----|-----------|---------|---------------------|----|-----------|--------|---------------------|-----|-----------|---------|----------------------------|----|-----------|---------|
| D | T | Shank (B) | Part# | D | T | Shank (B) | Part# | D | T | Shank (B) | Part# | D | T | Shank (B) | Part# |
| 8 | 20 | 6 | CE 0806 | 8 | 18 | 6 | OE0806 | 8 | 7.2 | 6 | BE 0806 | 8 | 18 | 6 | TR 0806 |
| 10 | 20 | 6 | CE 1006 | 10 | 20 | 6 | OE1006 | 10 | 9 | 6 | BE 1006 | 10 | 20 | 6 | TR 1006 |
| 12 | 25 | 6 | CE 1206 | | | | | | | | | | | | |



Diamond Dressers



Diamond Wheels

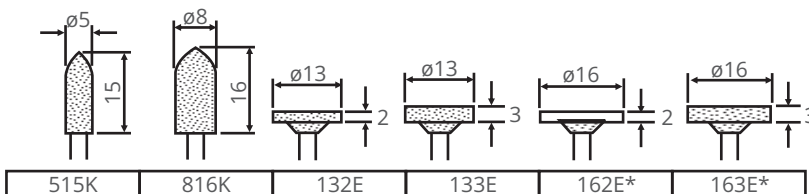
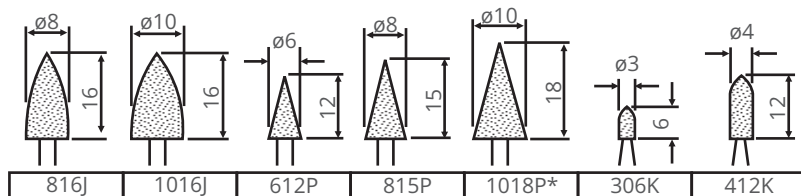
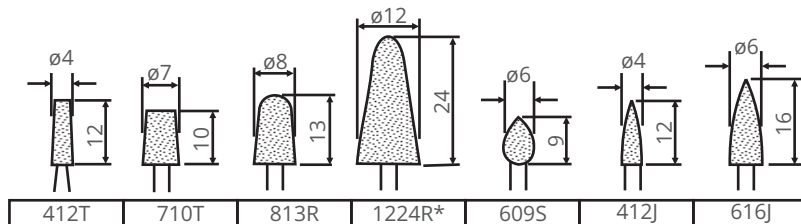
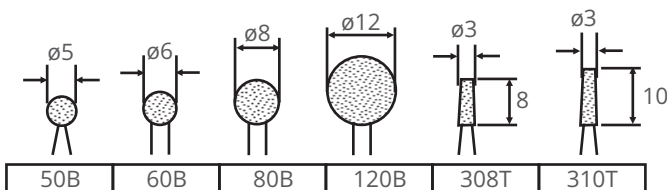
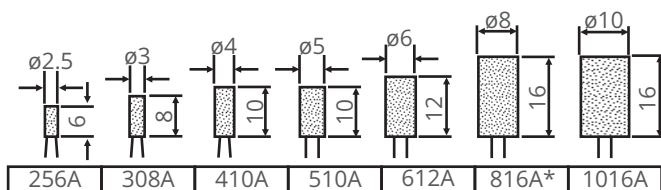
Detailed Catalogue available on request

ABRASIVES MOUNTED POINTS

Made of Aluminum Oxide, our Abrasive Mounted Points have excellent cutting ability and very less wear rate. Available in variety of shapes and sizes, our range of Mounted Points, perfectly dressed to size, ensure saving of time and money



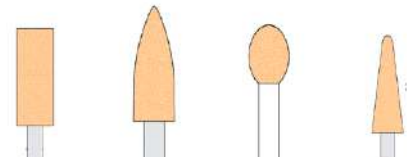
Unit : mm



Assorted Abrasive Mounted Points

| Item # | AMP 50 | AMP 100 |
|--------------|----------------|-----------------|
| 410A | 05 Nos. | 10 Nos. |
| 816A | 05 Nos. | 10 Nos. |
| 1016A | 05 Nos. | 10 Nos. |
| 60B | 05 Nos. | 10 Nos. |
| 132E | 05 Nos. | 10 Nos. |
| 412J | 05 Nos. | 10 Nos. |
| 612P | 05 Nos. | 10 Nos. |
| 813R | 05 Nos. | 10 Nos. |
| 412T | 05 Nos. | 10 Nos. |
| 710T | 05 Nos. | 10 Nos. |
| Total | 50 Nos. | 100 Nos. |

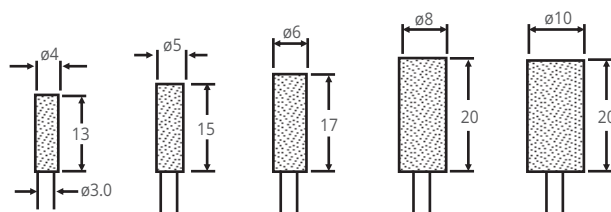
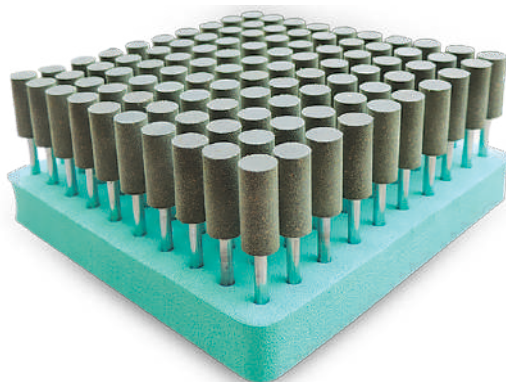
Econ abrasive mounted points



A J B R

| Shape | Size DXT (mm) | Shank Ø (mm) | Part # |
|-------|---------------|--------------|---------|
| A | 4 * 10 | 3 | E410A |
| A | 5 * 11 | 3 | E511A |
| A | 6 * 12 | 3 | E612A |
| A | 8 * 16 | 3 | E816A |
| A | 10 * 16 | 3 | E1016A |
| J | 4 * 10 | 3 | E410J |
| J | 5 * 11 | 3 | E511J |
| J | 6 * 12 | 3 | E612J |
| J | 8 * 16 | 3 | E816J |
| J | 10 * 16 | 3 | E1016J |
| A | 13 * 19 | 6 | 1319AS6 |
| A | 16 * 30 | 6 | 1625AS6 |
| A | 19 * 25 | 6 | 1925AS6 |
| A | 25 * 6 | 6 | 2506AS6 |
| A | 25 * 13 | 6 | 2513AS6 |
| A | 25 * 25 | 6 | 2525AS6 |
| A | 25 * 38 | 6 | 2538AS6 |
| J | 12 * 17 | 6 | 1217JS6 |
| J | 16 * 30 | 6 | 1630JS6 |
| J | 20 * 40 | 6 | 2040JS6 |
| J | 24 * 45 | 6 | 2445JS6 |
| B | 16 * 16 | 6 | 1616BS6 |
| R | 19 * 38 | 6 | 1938RS6 |

RUBBERISED / RESINOID MOUNTED POINTS



Standard Shank is Ø 3.0mm.

| | Grit Size | Order No. | | | | |
|------------|----------------|-----------|------|------|------|-------|
| Rubberized | #120 | R413 | R515 | R617 | R820 | R1020 |
| Resinoid | #120 | N413 | N515 | N617 | N820 | N1020 |
| Ceramic | #120,#220,#320 | C413 | C515 | C617 | C820 | C1020 |

Rubberized Mounted Points

Made by fine quality raw material, Rubberized Mounted Points abrade and finish in one step. These can be dressed to any shape by using Diamond dressing block and are excellent for polishing mould runners and finishing soft metals, cleaning aluminium and stubborn deposits from PDC dies.

Resinoid Mounted Points

Resin bonded mounted points are excellent for grinding applications thanks to its very low wear properties. Other applications are blending parting lines, fins and risers in castings, finishing weld repairs on metals.

Ceramic Mounted Points

Available in three grit sizes (#120, #220 & #320) Ceramic mounted points are made of new age abrasives, resin bonded, allowing users to choose the surface finish they wish to achieve. Excellent for finishing weld repairs, modifications of die / mould profiles and general grinding.

Assorted Rubberised Mounted Points

| Item # | RMP50 | RMP100 |
|--------|---------|----------|
| R413 | 10 Nos. | 20 Nos. |
| R515 | 10 Nos. | 20 Nos. |
| R617 | 10 Nos. | 20 Nos. |
| R820 | 10 Nos. | 20 Nos. |
| R1020 | 10 Nos. | 20 Nos. |
| Total | 50 Nos. | 100 Nos. |

Assorted Resinoid Mounted Points

| Item # | RMP50 | RMP100 |
|--------|---------|----------|
| N413 | 10 Nos. | 20 Nos. |
| N515 | 10 Nos. | 20 Nos. |
| N617 | 10 Nos. | 20 Nos. |
| N820 | 10 Nos. | 20 Nos. |
| N1020 | 10 Nos. | 20 Nos. |
| Total | 50 Nos. | 100 Nos. |

CMP 150

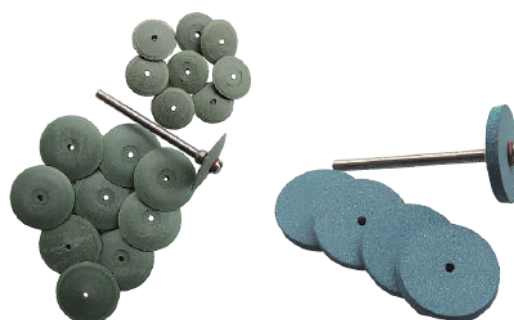
Assorted Ceramic Mounted Points

| Item# | CMP 50-120 | CMP 50-220 | CMP 50-320 |
|-------|------------|------------|------------|
| C413 | 10 Nos. | 10 Nos. | 10 Nos. |
| C515 | 10 Nos. | 10 Nos. | 10 Nos. |
| C617 | 10 Nos. | 10 Nos. | 10 Nos. |
| C820 | 10 Nos. | 10 Nos. | 10 Nos. |
| C1020 | 10 Nos. | 10 Nos. | 10 Nos. |
| Total | 50 Nos. | 50 Nos. | 50 Nos. |

Rubberised Wheels

For fine polishing with negligible stock removal and quick improvement in surface finish. Removes minor scratches, ideal for polishing in narrow ribs & threads Used with Pin Hole Mandrel.

| | Knife Edge | | DISC | |
|-----------|------------|----------|--------|--------|
| Part | R2236KEW | R1530KEW | R2232W | R1616W |
| Ø | 22 | 15 | 22 | 16 |
| Thickness | 3.6 | 3 | 3.2 | 1.6 |



Elastic Rubber Mounted Points / Sticks / Wheels / Cups / Fit Disc

DAIWA RABIN MADE IN JAPAN

The true Champion of Elastic Rubber Grinding and Polishing products. The most prominent feature of Daiwa Rabin is its excellent cutting ability that has changed the perception that "rubber grinding products are for polishing only". The rubber elasticity ensures removal of machining marks, thereby resolving surface roughness and preventing the occurrence of deep polishing lines. Operation can be performed continuously without having to worry about clogging.



CM Type

All Rounder

- Good for any use including surface treatment of Aluminum, cast iron, etc. Long durability without clogging.
- Applicable to general steel, aluminum, stainless steel, nickel alloy etc.
- Thanks to its rubber elasticity, you can remove tool marks easily, work without making deep scratches.



OX Type

For Polishing

- Good for rust removal and scale removal work.
- You can work without damaging the base when maintaining the mold.
- Ideal for polishing work, and is more effective as you can remove small scratches and add gloss easily.

Grit sizes : 80 to 320 (All size in mm) CM Type / 320 to 600 OX Type

| Mounted Point with 6 (mm) Shank | | | |
|---|--------------|--|----------------------------------|
| Size : Outer Diameter - Length - Shank Diameter | Shank length | Maximum allowable rotation speed(r.p.m.) | Grit Size |
| 10-20-6 | (L=40) | 20,000 | 80, 120, 180, 220, 320, 400 |
| 15-25-6 | (L=35) | 20,000 | 80, 120, 180, 220, 320, 400 |
| 20-25-6 | (L=35) | 20,000 | 80, 120, 180, 220, 320, 400 |
| 25-25-6 | (L=35) | 20,000 | 80, 120, 180, 220, 320, 400 |
| Mounted Point with 3 (mm) Shank | | | |
| 4-13-3 | (L=30) | 30,000 | 80, 120, 180, 220, 320, 400, 600 |
| 5-15-3 | (L=30) | 30,000 | 80, 120, 180, 220 |
| 6-17-3 | (L=30) | 30,000 | 80, 120, 180, 220, 320, 400, 600 |
| 8-20-3 | (L=30) | 30,000 | 80, 120, 180, 220, 320, 400, 600 |
| 10-20-3 | (L=30) | 30,000 | 80, 120, 180, 220, 320, 400, 600 |
| 13-20-3 | (L=30) | 30,000 | 80, 120, 180, 220 |

Elastic Rubber Mounted Points / Sticks / Wheels / Cups / Fit Disc

DAIWA RABIN / MADE IN JAPAN

| Straight | | | |
|--|-----------------|--|------------|
| Size : Outer Diameter - Length - Shank Diameter | Shank length | Maximum allowable rotation speed (r.p.m.) | Grit Size |
| 4-13-3 | (L=30) | 30,000 | # 120 (UN) |
| 5-15-3 | (L=30) | 30,000 | # 120 (UN) |
| 6-17-3 | (L=30) | 30,000 | # 120 (UN) |
| 8-20-3 | (L=30) | 30,000 | # 120 (UN) |
| 10-20-3 | (L=30) | 30,000 | # 120 (UN) |
| 13-20-3 | (L=30) | 20,000 | # 120 (UN) |

UN Type

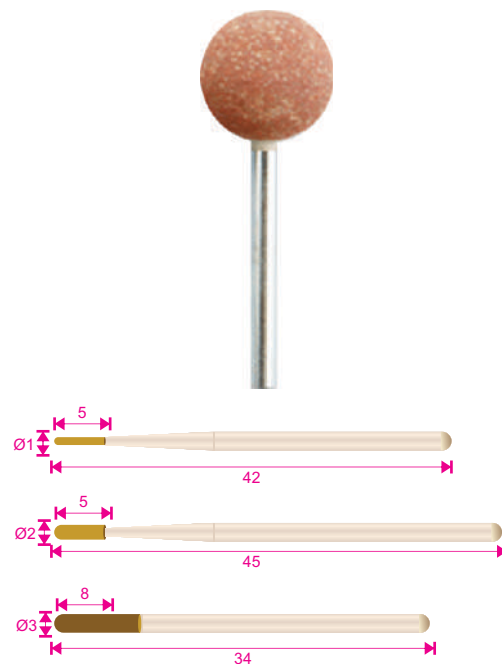
for Deburring



- The hardest type of DAIWA RABIN, which is suitable for deburring work..
- Also good for removing fine burrs and finishing. You can work without altering the shape of workpieces such as precision parts.

| Spherical | | | |
|--|-----------------|--|------------------------|
| Size : Outer Diameter - Length - Shank Diameter | Shank length | Maximum allowable rotation speed (r.p.m.) | Grit Size |
| 5d-3 | (L=43) | 30,000 | # 120 (UN) / #120 (cm) |
| 6d-3 | (L=44) | 30,000 | # 120 (UN) / #120 (cm) |
| 8d-3 | (L=44) | 30,000 | # 120 (UN) / #120 (cm) |
| 10d-3 | (L=46) | 30,000 | # 120 (UN) |
| 13d-3 | (L=30) | 20,000 | # 120 (UN) |
| 20-d-6 | (L=59) | 20,000 | # 120 (UN) |
| 25d-6 | (L=62) | 20,000 | #120 (UN) |

| Small-dia. Straight type | | |
|--------------------------|--------|------------------------|
| 1-5-3 | 50,000 | 120, 220, 320 |
| 2-5-3 | 80,000 | 80, 120, 180, 220, 320 |
| 3-8-3 | 50,000 | 80, 120, 180, 220, 320 |
| 3-13-3 | 20,000 | *For de-burring (120) |



| Diamond Rabin Mounted Points | | |
|------------------------------|---------|----------------------|
| 2-5-3 | 80, 000 | 320, 600, 1000, 3000 |
| 4-13-3 | 30,000 | 320, 600, 1000, 3000 |
| 5-15-3 | 30,000 | 320, 600, 1000, 3000 |
| 6-17-3 | 30,000 | 320, 600, 1000, 3000 |
| 8-20-3 | 30,000 | 320, 600, 1000, 3000 |
| 10-20-3 | 30,000 | 320, 600, 1000, 3000 |

Diamond Rabin

Grit for Grinding & Mirror Finishing

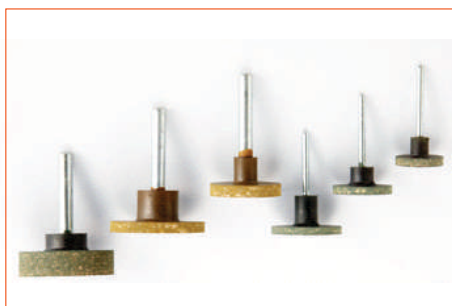


Diamond Rabin is the result of an ideal combination of excellent rubber features of Daiwa Rabin and a diamond abrasive grain, which offers much greater performance and improves the processing as a new diamond tool that was not seen until now.

- Suitable for mirror finishing especially on SS, carbide and material for hardening.
- No need of post-processing like Diamond paste.
- Both wet and dry processing are possible.

Elastic Rubber Mounted Points / Sticks / Wheels / Cups / Fit Disc

DAIWA RABIN MADE IN JAPAN



DISC

| Size Outer Diameter (D) - Thickness (T) Hole Diameter(H) | Maximum Allowable Rotation Speed (r.p.m.) |
|--|--|
| 15-1-1.8 | 22,000 |
| 15-2-1.8 | 18,000 |
| 18-3-1.8 | 15,000 |
| 20-2-1.8 | 18,000 |
| 25-1.5-1.8 | 15,000 |
| 25-2-1.8 | 15,000 |
| 25-3-1.8 | 15,000 |
| 30-3-1.8 | 15,000 |
| Grit Size Available | 120, 180, 220, 320 |

MANDREL MOUNTED DISC

| Size Outer Diameter-Length Shank Diameter | Maximum Allowable Rotation Speed (r.p.m.) | Grain Size |
|---|--|------------|
| 20-3-3 | 20,000 | # 120, 220 |
| 25-3-3 | 18,000 | #120, 180 |
| 30-6-6 | 15,000 | # 120 |
| 40-10-6 | 10,000 | # 120 |

FIT DISC

| | |
|---------------------------|--|
| SIZE | 30-2-10 DOUBLE SIDED TAPE TYPE |
| MAXIMUM ROTATION SPEED | 20000 |
| GRIT SIZE | 60, 80, 120, 180 220, 320, 400, 600 1000 |

IT CUP



* Dedicated use with angle grinders

| | |
|-------------------------------------|-----------------------|
| SIZE | 30 x 11 x 6.3 (M7) |
| Maximum Allowable Rotation Speed | 23,000 r.p.m. |
| Grain Sizes | 60,80,120,180,220,320 |

Polishing & Deburring Kit

10 Pc Kit containing assorted Rubber Mounted Points

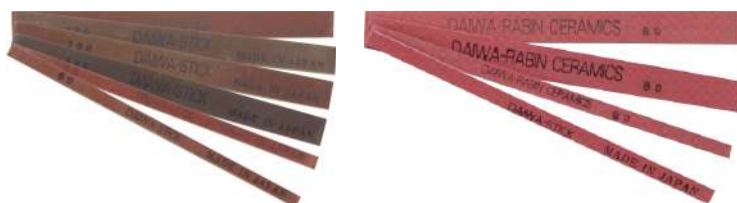


CONTENTS

| Product | Qty |
|------------------------------|-----|
| MP WA80 CM55 5-15-3 | 2 |
| MP WA120 CM55 5-15-3 | 2 |
| MP WA220 CM66 5-15-3 | 2 |
| MP WA320 OX44 5-15-3 | 2 |
| MP Diamond 1000 OX66 4-13-3 | 1 |
| MP Diamond 3000 OX66S 4-13-3 | 1 |

RUBBERISED STICKS

Excellent for Mold maintenance, working on difficult to polish areas (curved surfaces / profiles)

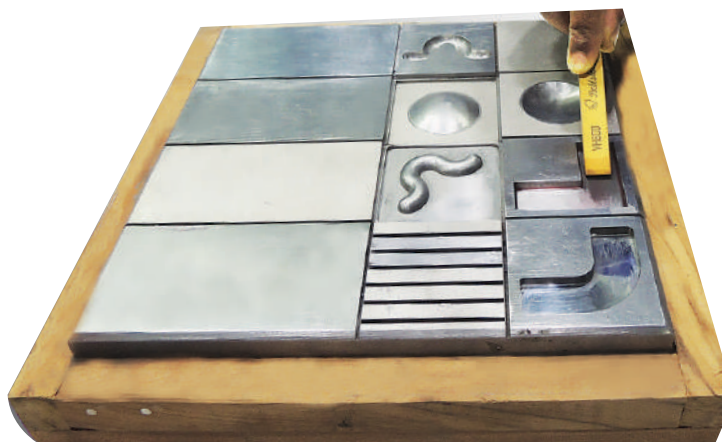


Uniform and fine finish, without deep scratches.
It fits curved surfaces thanks to its flexibility.
Excellent Durability.
Can be used at ease on aluminum, which is easily scratched.
It is a better choice than conventional whetstones and papers.

| Product Name | Abrasive grain type | Grit | Size (mm) |
|---------------------------|---------------------|----------------------------------|--------------------------------------|
| Daiwa Stick (RM99Z) | WA | #60, #80, #120, #180, #220, #320 | 3-6-150, 3-13-150, 5-6-150. 5-13-150 |
| Daiwa Rabin Ceramic Stick | Ceramics | #80, #120, # 220 | 3-6-50, 3-13-50 |



Bellstone POLISHING STONE



BELLSTONE offers wide range of mould polishing stones excellent for removing machining marks and spark erosion grains for preparing the surface for final polishing. Finer grits available makes it possible to prepare the right surface for Diamond polishing eliminating the requirement of using fine emery papers, thus making the polishing process fast and free of defects like waviness.

VH Series Mould Polishing Stone

Consisting of premium grade of white aluminium oxide (WA), VH series stones are manufactured by vitrified process. It has the right mix of abrasives, bonding & curing additives that imparts excellent cutting properties. The edges resist breaking down thus giving high cutting efficiency and very low wear rate. Used for polishing larger surfaces, edges and deep grooves, these can be dressed to polish virtually any shape or profile. Recommended for use on carbon steel, alloy tool steel, stainless steel, it virtually covers all kind of mould steels.

| Size (mm) | Grit for all sizes | |
|---------------|--------------------|------|
| 6 X 1.5 X 150 | 120 | 240 |
| 6 X 3 X 150 | 320 | 400 |
| 6 X 6 X 150 | 600 | 800 |
| 13 X 3 X 150 | 1000 | 1200 |
| 13 X 6 X 150 | 1500 | 2000 |
| 25 X 6 X 150 | | |

GC Series Mould Polishing Stone

Made of premium Silicon Carbide abrasive grains and manufactured by vitrified process. The grains are very strong and sharp. Its excellent self sharpening properties makes it suitable to use in difficult polishing applications.


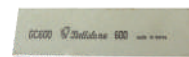
| Size (mm) | Grit for all sizes | |
|--------------|--------------------|------|
| 6 X 3 X 150 | 120 | 240 |
| 6 X 6 X 150 | 320 | 400 |
| 13 X 3 X 150 | 600 | 800 |
| 13 X 6 X 150 | 1000 | 1200 |
| | 1500 | 2000 |



Combination Stones

GC600/C240

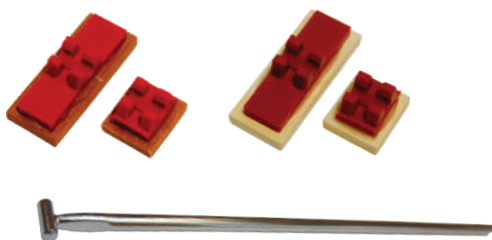
Our range includes special combination stones – a combination of Fine (GC600) and Coarse (C240) in sizes convenient to hold and polish. Excellent for big moulds & dies, plates, hot runner manifold, machine slides. Used for numerous applications like cleaning, deburring, chamfering, polishing.....

| Size (mm) | |
|---------------|---|
| 13 X 25 X 100 |  |
| 20 X 25 X 150 |  |
| 25 X 50 X 150 | |

Use with **PLASSTEZE** stoning oil for best result

GP Stones also available

| SIZE | GRIT FOR ALL SIZES | |
|--------------|--------------------|-----|
| Ø6 × 150 | 180 | 220 |
| Δ6 × 150 | 320 | 400 |
| 6 × 6 × 150 | 600 | 800 |
| 13 × 6 × 150 | 1000 | |



Polishing Stones on Plastic Shoes

Excellent for Polishing flat and large surfaces with Polishing/Filing machines. Used with our specially designed Push Rod

| Part No. | Size | Grit |
|-------------|-------------|------|
| PSPS33G240 | 33 × 13 × 3 | 240 |
| PSPS15G240 | 15 × 13 × 3 | 240 |
| PSPS33G400 | 33 × 13 × 3 | 400 |
| PSPS35G400 | 15 × 13 × 3 | 400 |
| PSPS33G600 | 33 × 13 × 3 | 600 |
| PSPS15G600 | 15 × 13 × 3 | 600 |
| PSPS33G800 | 33 × 13 × 3 | 800 |
| PSPS15G800 | 15 × 13 × 3 | 800 |
| PSPS33G1000 | 33 × 13 × 3 | 1000 |
| PSPS15G1000 | 15 × 13 × 3 | 1000 |

Stoning Oil - SO 500

An oil based thin flowing Lubricant for use with Polishing stones & Diamond Compounds while polishing moulds, dies or any other metal parts

- Increase stone Life
- Gentle on human skin
- Cools down frictional heat
- Prevents clogging of porous stones
- Constantly renew cutting edge of stone
- Trigger Spray pack avoids contamination of oil
- Protect work-piece from scratches by washing away the detached waste grains of stone and dirt
- Pack size : 500 ml
- Bulk pack available on request



POLISHING STONE ASSORTMENT

| Item # | VH 30 | GC 30 |
|------------------------|----------------|----------------|
| 6 X 3 X 150 GRIT # 240 | 05 Nos. | 05 |
| 6 x 3 x 150 Grit # 400 | 05 Nos. | 05 |
| 6 x 3 x 150 Grit # 600 | 05 Nos. | 05 |
| 6 x 6 x 150 Grit # 240 | 05 Nos. | 05 |
| 6 x 6 x 150 Grit # 400 | 05 Nos. | 05 |
| 6 x 6 x 150 Grit # 600 | 05 Nos. | 05 |
| Total | 30 Nos. | 30 Nos. |

CERAMIC FIBER STONE

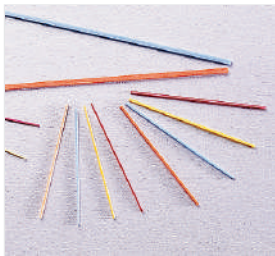
Ceramic Fiber Stones are manufactured using special fiber filaments. Widely used for removing EDM grains and machining marks, thanks to its flexibility, Ceramic Fiber Stones are ideal choice for polishing deep and narrow rib, slots, grooves & engravings which are difficult to polish using conventional abrasive stones. When used with Ultrasonic polishing machines and air lapper, our stones help in very fast stock removal. For manual applications, special stone holders are available. Use **PLASSTEZE** Stoning Oil to enhance performance. Ceramic Fiber Stones cuts only through its tip and is normally held at 5-45° to the surface to be polished. These stones can be dressed to any desired shape on our Diamond Dressing Blocks available separately.



| T x W x L | #180 | #250 | #320 | #400 | #700 | #1000 | #1200 |
|--------------|----------|----------|----------|----------|----------|----------|----------|
| (ØD X L) | Coffee | Orange | Grey | Blue | Yellow | White | Red |
| 1 x 4 x 100 | BSC-1004 | BSO-1004 | BSG-1004 | BSB-1004 | BSY-1004 | BSW-1004 | BSR-1004 |
| 1 x 6 x 100 | BSC-1006 | BSO-1006 | BSG-1006 | BSB-1006 | BSY-1006 | BSW-1006 | BSR-1006 |
| 1 x 10 x 100 | BSC-1010 | BSO-1010 | BSG-1010 | BSB-1010 | BSY-1010 | BSW1010 | BSR-1010 |
| Ø3.0 x 100 | BGC-30 | BGO-30 | BGG-30 | BGB-30 | BGY-30 | BGW-30 | BGR-30 |

Mini Ceramic Fiber Stones

Available from 0.5 x 0.5 mm to 0.9 x 0.9 mm size. Ideal for ribs, corners, engraving and detailed polishing, in various mould and dies. Traditional Oil Stone and ruby stones tend to break in such small sizes, while Mini Ceramic Stone provide high strength and high elasticity. Special stone holders are available for its manual applications.



| Dimensions (mm) T x W x L (ØD X L) | Grit Size, Colour & Order No. | | | | Holder |
|--|-------------------------------|-----------|---------|---------|--------|
| | #250 | #400 | #700 | #1200 | |
| 0.5 x 0.5 x 50 | MOS-055 | MBS - 055 | MYS-055 | MRS-055 | XH-007 |
| 0.7 x 0.7 x 50 | MOS-075 | MBS - 075 | MYS-075 | MRS-075 | XH-009 |
| 0.9 x 0.9 x 50 | MOS-095 | MBS - 095 | MYS-095 | MRS-095 | XH-013 |



XEBEC® Meister Finish Ceramic Fiber Stones

- Through the utilization of aerospace materials (alumina fiber filaments), cracking, and chipping have been eliminated. High polishing efficiency can be ensured.
- No clogging. Uniformly fine finishes can be achieved.
- Thanks to the braided structure of the rod type, high polishing efficiency is possible even with the side, of the tool, and there is no splitting of the tip.
- Suitable for fine deburring.
- Higher polishing efficiency can be achieved by using the Meister Finish with tools (electric, air, ultrasonic)
- Coarse grit type made of thick Alumina Fiber Filaments is ideal for removing EDM scales

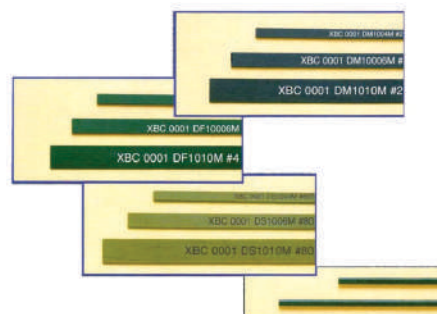


XEBEC CERAMIC FIBER STONE

| Dimension | #3000 | #2000 | #1500 | #1200 | #1000 | #800 | #600 | #400 | #220 | #120 |
|----------------|----------|----------|----------|----------|----------|----------|----------|----------|------------|----------|
| (mm) | Pink | Cream | Yellow | Red | White | Blue | Black | Orange | Dark Brown | Violet |
| 0.3 x 4 x 100 | - | - | - | AR-0304M | AW-0304M | AB-0304M | AP-0304M | AO-0304M | AD-0304M | - |
| 0.4 x 4 x 100 | - | - | - | AR-0404M | AW-0404M | AB-0404M | AP-0404M | AO-0404M | AD-0404M | - |
| 0.5 x 4 x 100 | - | - | - | AR-0405M | AW-0405M | AB-0405M | AP-0405M | AO-0405M | AD-0405M | - |
| 0.5 x 6 x 100 | - | - | - | AR-0506M | AW-0506M | AB-0506M | AP-0506M | AO-0506M | AD-0506M | - |
| 1.0 x 1 x 100 | AS-1001M | AC-1001M | AY-1001M | AR-1001M | AW-1001M | AB-1001M | AP-1001M | AO-1001M | AD-1001M | - |
| 1.0 x 2 x 100 | AS-1002M | AC-1002M | AY-1002M | AR-1002M | AW-1002M | AB-1002M | AP-1002M | AO-1002M | AD-1002M | AV-1002M |
| 1.0 x 4 x 100 | - | - | AY-1004M | AR-1004M | AW-1004M | AB-1004M | AP-1004M | AO-1004M | AD-1004M | AV-1004M |
| 1.0 x 6 x 100 | - | - | AY-1006M | AR-1006M | AW-1006M | AB-1006M | AP-1006M | AO-1006M | AD-1006M | AV-1006M |
| 1.0 x 10 x 100 | - | - | AY-1010M | R-1010M | AW-1010M | AB-1010M | AP-1010M | AO-1010M | AD-1010M | AV-1010M |
| 2.0 x 4 x 100 | - | - | - | AR-2004M | AW-2004M | AB-2004M | AP-2004M | AO-2004M | AD-2004M | AV-2004M |
| Ø2 x 100 | - | - | - | PR-20M | PW-20M | PB-20M | PP-20M | PM-20M | PM-20M | - |
| Ø2 x 50 | - | - | - | PR-20S | PW-20S | PB-20S | PP-20S | PM-20S | PMO-20S | - |
| Ø1 x 100 | - | - | - | PR-10M | PW-10M | PB-10M | PP-10M | PM-10M | PM-10M | - |
| Ø1 x 50 | - | - | - | PR-10S | PW-10S | PB-10S | PP-10S | PM-10S | PM-10S | - |

XEBEC® Diamond Stones

Xebec's Diamond stones efficiently and cleanly polishes Dies & moulds **harder than HRC57** such as cemented carbide and hardened steel (SKD, SKH, STAVAX, HPM, ASP, etc). Both the Stick and the Rod types can be used to polish by the tip or the side. Suitable for removing EDM scales, polishing ribs and deburring from edges and corners, wet or dry. Can be used even more efficiently when attached to tools (electric, air, or ultrasonic), rod type can be attached to rotary tools (max. 30,000 r.p.m.). Far more efficient than electroplated diamond files, hand lappers, diamond pastes and diamond powders. While an electroplated diamond file has diamonds only on its surface, the XEBEC Diamond has diamonds embedded in layers, enabling it to be used to the end without losing its sharpness and lasts longer than an electroplated diamond file



| Grit (Colour) | Size (mm) | Part # |
|-------------------|---|--|
| #200 (Black) | 1*4*100 1*6*100 1*10*100 | DM1004M DM1006M DM1010M |
| #400 (Blue Green) | 1*4*100 1*6*100 1*10*100 Ø3 * 100 Ø3 * 50 | DF1004M DF1006M DF1010M PDF30M, PDF30S |
| #800 (Grey) | 1*4*100 1*6*100 1*10*100 | DM1004M DM1006M DM1010M |

DIAMOND FOIL

- Diamond Foils can be cut to any shape & size easily and stick on to your own tools, to make a "self-made" tool.
- Diamond Foils are adhesive backed, makes it easier and faster to use.
- Its flexibility helps to create custom tools to polish difficult curves & profiles. In addition, it is useful to finish ribs, narrow grooves, slots, corners and many other infinite applications.
- Aggressive cutting action and wide range of grit sizes enables fast cutting or polishing on steels and carbides.



| Size (mm) | Grit Size & Order No. | | | | | | | | |
|-----------|-----------------------|---------|---------|---------|---------|---------|---------|---------|---------|
| | #120 | #150 | #200 | #300 | #400 | #600 | #800 | #1200 | #1800 |
| 10 X 100 | XF-1012 | XF-1015 | XF-1020 | XF-1030 | XF-1040 | XF-1060 | XF-1080 | XF-1120 | XF-1180 |
| 50 X 100 | XF-2012 | XF-2015 | XF-2020 | XF-2030 | XF-2040 | XF-2060 | XF-2080 | XF-2120 | XF-2180 |
| 100 X 100 | XF-3012 | XF-3015 | XF-3020 | XF-3030 | XF-3040 | XF-3060 | XF-3080 | XF-3120 | XF-3180 |

DIAMOND CLOTH

The application of diamond power on a flexible cloth has allowed the development of new generation of diamond tools.

This tools perform a more aggressive cutting action than any other abrasive tool, thanks to its flexibility and to the spacing between islands, the diamond cloth can be easily cut with scissor.

Applications :

The applications of diamond cloth are :

Wet grinding (lapping) hardened steel of any hardness, tungsten carbide, hard ceramic coated steels, glass, hard ceramic, marble, granite and stone...etc, or for the lapping of mold and die.



Specifications :

Unit : mm

| Grit Size | Color | Bond Material | Dimensions & Order No. | | | |
|-----------|--------|---------------|------------------------|-----------|-------------|-----------|
| | | | 50 x 100 | 100 x 100 | 1,170 x 295 | 690 x 295 |
| #60 | Green | Ni Bond | XZ-1006N | XZ-2006N | XZ-5006N | - |
| #120 | Black | Ni Bond | XZ-1012N | XZ-2012N | XZ-5012N | - |
| #200 | Red | Ni Bond | XZ-1020N | XZ-2020N | XZ-5020N | - |
| #400 | Yellow | Ni Bond | XZ1040N | XZ2040N | XZ-5040N | - |
| #600 | White | Ni Bond | XZ-1060N | XZ-2060N | XZ-5060N | - |
| #1000 | Blue | Ni Bond | XZ- 1100N | XZ- 2100N | XZ- 5060N | - |
| #500 | White | Resin Bond | XZ- 1050R | XZ- 2050R | - | XZ- 6050R |
| #1000 | Blue | Resin Bond | XZ- 1100R | XZ- 2100R | - | XZ- 6100R |
| # 8000 | Orange | Resin Bond | XZ- 1800R | XZ- 2800R | - | XZ- 6800R |

Remark :

1. Standard 50 x 100mm and 100 x 100 mm come with PSA backing, others without PSA backing.
2. Other size or type (shape), available on request.

EMERY

AL OX Emery Roll with Cloth Backing

Fully synthetic resin bonded high quality corundum grains for demanding tasks, such as precision lapping of profiles of moulds and dies, cleaning of machine parts, rollers and shafts etc. Extremely soft and flexible cloth makes it very easy to use



SOLD BY ROLLS

| Part # | Grit | Roll Size |
|-----------------|-------|---------------|
| 641PF120 - 5050 | # 120 | 50mm X 50 mtr |
| 641PF220 - 5050 | # 220 | 50mm X 50 mtr |
| 641PF320 - 5050 | # 320 | 50mm X 50 mtr |
| 641PF400 - 5050 | # 400 | 50mm X 50 mtr |
| 641PF600 - 5050 | # 600 | 50mm X 50 mtr |
| 641PF120 - 2550 | # 120 | 25mm X 50 mtr |
| 641PF220 - 2550 | # 220 | 25mm X 50 mtr |
| 641PF320 - 2550 | # 320 | 25mm X 50 mtr |
| 641PF400 - 2550 | # 400 | 25mm X 50 mtr |
| 641PF600 - 2550 | # 600 | 25mm X 50 mtr |

SOLD BY LENGTH (METER)

| Part # | Grit | Roll Size |
|----------------|--------|-----------|
| F30P1500 -150 | # 1500 | 150 mm |
| F30P2000 -150 | # 2000 | 150 mm |
| F30P2500 -150 | # 2500 | 150 mm |
| F30P3000 - 150 | # 3000 | 150 mm |
| F30P5000 - 150 | # 5000 | 150 mm |
| F30P7000 -150 | # 7000 | 150 mm |



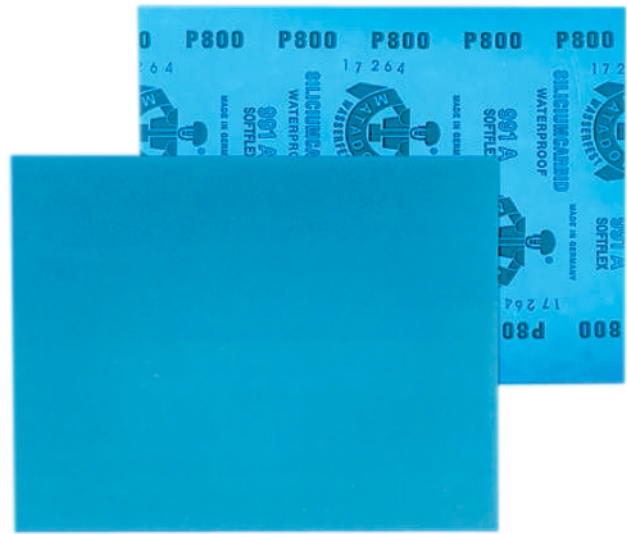
Emery Flap Wheels

| Size (DXW) Ø (mm) | Shank Ø (mm) | Abrasive | Grit | Max. RPM | Part # |
|----------------------|-----------------|----------|------|-------------|---------------|
| 20 X 25 | 6 | ALOX | #120 | 30000 | FW120AO202506 |
| 25 X 25 | 6 | ALOX | #120 | 25000 | FW120AO252506 |
| 30 X 30 | 6 | ALOX | #120 | 25000 | FW120AO303006 |
| 40 X 30 | 6 | ALOX | #120 | 25000 | FW120AO403006 |

SiC Water Proof Emery Paper

Size: 230mm X 275mm (9" X 11")

Sharp Silicon Carbide grains backed with optimum weight paper, extremely flexible bond makes it strong, tear resistant emery papers from coarse to extremely fine grits for applications on wide variety of materials like wood, plastics and metals in dry or wet application



| Part # | Grit | Pack Size |
|----------|--------|-----------|
| 991A0120 | #120 | 50 pcs |
| 991A0220 | # 220 | 50 pcs |
| 991A0320 | # 320 | 50 pcs |
| 991A0400 | # 400 | 50 pcs |
| 991A0600 | # 600 | 50 pcs |
| 991A0800 | # 800 | 50 pcs |
| 991A1000 | # 1000 | 50 pcs |
| 991A1200 | # 1200 | 50 pcs |
| 991A1500 | # 1500 | 50 pcs |
| 991A2000 | # 2000 | 50 pcs |
| 991A3000 | # 3000 | 50 pcs |
| 991A5000 | # 5000 | 50 pcs |
| 991A7000 | # 7000 | 50 pcs |

WPP 50 Emery Paper Assortment

Size: 230mm x 275mm (9" x 11")

| Item# | Quantity |
|----------------------|---------------|
| 991A0200 GRIT # 220 | 10 pcs |
| 991A0400 GRIT # 400 | 10 pcs |
| 991A0600 GRIT # 600 | 10 pcs |
| 991A0800 GRIT # 800 | 10 pcs |
| 991A1000 GRIT # 1000 | 10 pcs |
| Total | 50 pcs |

SIC Disc - Self Adhesive Type



| Diameter | Grit | Part # | Pack Size |
|----------|-------|------------|-----------|
| 10 mm | #240 | SAD10G240 | 50 PC |
| 10 mm | #400 | SAD10G400 | 50 PC |
| 10 mm | #600 | SAD10G600 | 50 PC |
| 10 mm | #800 | SAD10G800 | 50 PC |
| 10 mm | #1000 | SAD10G1000 | 50 PC |
| 10 mm | #1500 | SAD10G1500 | 50 PC |
| 25 mm | #240 | SAD10G240 | 50 PC |
| 25 mm | #400 | SAD10G400 | 50 PC |
| 25 mm | #600 | SAD10G600 | 50 PC |
| 25 mm | #800 | SAD10G800 | 50 PC |
| 25 mm | #1000 | SAD10G1000 | 50 PC |
| 25 mm | #1500 | SAD10G1500 | 50 PC |

NON WOVEN SURFACE CONDITIONING DISC

- Quick change type, help saving time
- Used on right angle (high and low speed) sander or die grinder
- Ideal for cleaning and removing imperfections on metal surfaces, cleaning, deburring or finishing a variety of surfaces, blending weld seams, or creating decorative finishes
- The open construction of the non-woven material enables aggressive cutting action and improved surface while maintaining its non-loading feature

| Ø (mm) | Abrasive | Color | Grit | Max. RPM | Part # |
|--------|----------|--------|------------|----------|----------|
| 50 | AL OX | MAROON | Medium | 25000 | NW50MEDI |
| 50 | AL OX | BLUE | Fine | 25000 | NW50FINE |
| 50 | AL OX | GREY | Ultra Fine | 25000 | NW50UFIN |

Ø 75 mm available on request



QUICK CHANGE FIBER DISC

For welding grinding and blending; heavy metal removal, light deburring and finishing. Heavy stock removal, greater durability, longer life to be used with backing pad on portable angle grinders / sanders

| Ø (mm) | Abrasive | Grit | Max. RPM | Part # |
|--------|----------|------|----------|----------|
| 50 | AL OX | 60 | 25000 | AOF50060 |
| 50 | AL OX | 80 | 25000 | AOF50080 |
| 50 | AL OX | 120 | 25000 | AOF50120 |

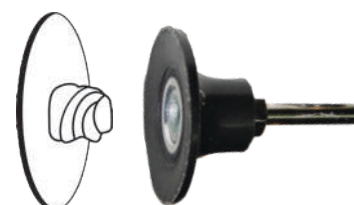
- ♦ Ø 75 mm available in request
- ♦ other grits available on request



ROLOC QUICK CHANGE DISCHOLDER-WITH STEEL SHANK

| Abrasive Ø (mm) | Pad Size Ø (mm) | Shank Ø (mm) | Max. RPM | Part # |
|-----------------|-----------------|--------------|----------|-----------|
| 50 | 45 | 6 | 25000 | ROLDH5006 |

- ♦ Ø 75 mm available in request



DIAMOND COMPOUNDS

Kemet Diamond Compound - IC



Kemet

The chemists at Kemet International have worked very closely with leading mould polishers to develop the next generation of high quality Kemet Diamond Compound at a cost effective price.

Kemet Diamond Compound Type IC is both water and oil soluble and is used for rapid stock removal and superfine surface finish. It has an added advantage of being stable at high temperatures. It is particularly suitable for polishing tool steel moulds.

| Part # | Colour | Micron Size |
|-------------|----------|-------------|
| Kemet ¼ IC | White | ¼ |
| Kemet 1 IC | Blue | 1 |
| Kemet 3 IC | Green | 3 |
| Kemet 6 IC | Yellow | 6 |
| Kemet 9 IC | Red | 9 |
| Kemet 15 IC | Brown | 15 |
| Kemet 30 IC | Mahogany | 30 |
| Kemet 45 IC | Purple | 45 |

Diamond Compounds - ECON



Economy series Diamond Compounds, popular among professional Polishers, an excellent mix of value and performance.

- Water and oil soluble
- Rapid stock removal
- Superfine surface finish
- Optimum mix of Lubricant & Cleaner
- 5 gms syringe packing

| Part # | Colour | Micron Size |
|----------|------------|-------------|
| ECON 0.5 | Grey | 0.5 |
| ECON 1 | White | 1 |
| ECON 3 | Yellow | 3 |
| ECON 6 | Orange | 6 |
| ECON 9 | Green | 9 |
| ECON 15 | Blue | 15 |
| ECON 20 | Dark Green | 20 |
| ECON 30 | Brown | 30 |
| ECON 50 | Purple | 50 |



Pack Size : 250gms

Lap-Lusture

LAP-LUSTURE is used for final polishing with high gloss mirror finish. It's ideal for steel, silver, aluminium, brass, copper etc. A small amount of LAP-LUSTURE applied to a clean felt bob will remove the smokey haze often seen after final finish using rotary polishing machines, bringing out the brilliance of metal. If polishing by hand use our special polishing pads.



Pack Size : 250gms

SPARKLE

Sprinkle some powder and rub over the finally mirror polished surface with fine Cotton (Use our SUPRAFINISH for excellent results) and see the miracle. Its a powder with magical power which makes your finally mirror polished surface sparkle like stars.

ALGALOX ALUMINIUM POLISHING PASTE

A specialist white polishing paste for non-ferrous metals (especially good on aluminium). This paste is very evenly graded in aluminium oxide making it a perfect polishing paste, giving a very clean finish.

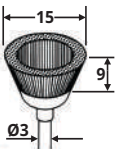



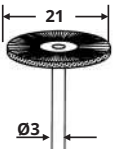



Sold in 20g Syringe



ALGALOX PASTE

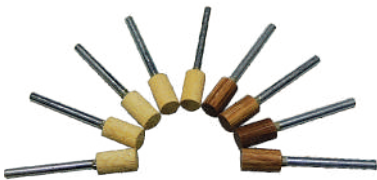
| GRADE | PART# |
|-----------|------------|
| 1 Micron | ALGALOX 1 |
| 3 Micron | ALGALOX 3 |
| 6 Micron | ALGALOX 6 |
| 9 Micron | ALGALOX 9 |
| 15 Micron | ALGALOX 15 |
| 30 Micron | ALGALOX 30 |

POLISHING BRUSHES

| Category | Size (mm) | Brass | Black Hair | Soft Natural Hair | BA 90 Brush Assortment | | |
|----------|---|---|---|---|------------------------|-------|--------|
| Shape |  |  |  |  | 1 | BR3C | 10 pcs |
| | | | | | 2 | BR3E | 10 pcs |
| | | | | | 3 | BR3W | 10 pcs |
| Part No. | Cup Brush | BR3C | BH3C | SN3C | | | |
| Shape |  |  |  |  | 4 | BH3C | 10 pcs |
| | | | | | 5 | BH3E | 10 pcs |
| | | | | | 6 | BH3W | 10 pcs |
| Part No. | End Brush | BR3E | BH3E | SN3E | | | |
| Shape |  |  |  |  | 7 | SN3C | 10 pcs |
| | | | | | 8 | SN3E | 10 pcs |
| | | | | | 9 | SN3W | 10 pcs |
| Part No. | Wheel Brush | BR3W | BH3W | SN3W | | TOTAL | 90 pcs |

WOOD LAP

Wood lap sticks, bobs and cones are available in Hard & Soft wood which are produced by layering quality wood to achieve excellent polishing result. Hard wood is used for faster stock removal with coarser grits of Diamond compounds and the Soft wood used with finer grits of Diamond compounds, produce high luster and polish.



| WOOD BOBS | | |
|-----------------|--------|--------|
| Dimensions (mm) | Code | |
| | Hard | Soft |
| Ø 6 x12 x 3 | 321103 | 321123 |
| Ø 8 x16 x 30 | 321104 | 321124 |
| Ø 12 x 20 x 3 | 321105 | 321125 |



| WOOD CONES | | |
|-----------------|--------|--------|
| Dimensions (mm) | Code | |
| | Hard | Soft |
| Ø 6 X 16 | 321108 | 321128 |
| Ø 8 X 16 | 321109 | 321129 |
| Ø 12 X 30 | 321111 | 321131 |



| WOOD LAPPING STICKS | | |
|---------------------|--------|--------|
| Dimensions (mm) | Code | |
| | Hard | Soft |
| 3 x 3 x 150 | 321201 | 321221 |
| 4 X 6 X 150 | 321202 | 321222 |
| 6 X 6 X 150 | 321203 | 321223 |
| 8 X 12 X 150 | 321205 | 321225 |
| 8 X 19 X 150 | 321206 | 321226 |
| Ø 3 X 150 | 321207 | 321227 |
| Ø 6 X 150 | 321209 | 321229 |

Brass Lapping Sticks

Dia : 3 mm
Length: 75 mm
Special size available on request.



Wood Fibre Sheet




Pack of 20 sheet, 300x240mm
Due to its exceptional tear resistance, flexible sheets made from wood fibres is an excellent replacement to tissue paper when mirror finishing is required in areas difficult to reach by conventional Felts.



LAPPING BITS

Lapping Bits for use with Diamond compounds. Ball Rods are used to drive lapping bits using Reciprocating Handpiece. Available in Plastic & Brass, 3 shapes, 5 colours.



| Shape | Material | Size (mm) | Part No. |
|---|----------|-----------|----------|
|  | Brass | 4 | LBBS4 |
| | Brass | 6 | LBBS6 |
| | Brass | 8 | LBBS8 |
| | Plastic | 8 | LBPS8 |
|  | Brass | 7 | LBBT7 |
| | Brass | 10 | LBBT10 |
| | Brass | 14 | LBBT14 |
| | Plastic | 14 | LBPT14 |
|  | Brass | 4 | LBBC4 |
| | Brass | 6 | LBBC6 |
| | Brass | 8 | LBBC8 |
| | Plastic | 8 | LBPC8 |

Ball Rods



Straight Ball Rod – BR1
Bent Ball Rod – BR2

Polishing Pads -CPP50

Double sided, textured, soft, smooth, cotton Polishing Pads that avoids scratches and lints on mirror polished surface while cleaning or polishing

- Excellent for cleaning mirror polished metal surfaces, glass, lenses and critical surfaces
- Made of soft organic cotton, produced by insecticide free cotton farming.
- Ideal for hand touch up of mirror polished surfaces.

Description : Polishing Pads
Wipe Size : 55mm Round
Qty/Box : 50 Pcs



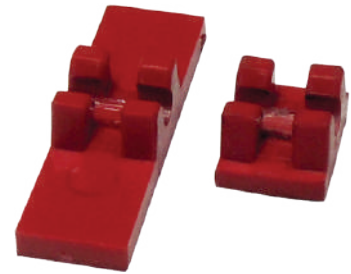
Polishing Shoes

Polishing Shoes Plastic

| Item code | Size |
|-----------|------|
| PSS | 12X9 |
| PSB | 30X9 |

Polishing Shoes Felt

| Item code | Size |
|-----------|-------|
| PSPS | 15X13 |
| PSPB | 33X13 |



Used for Diamond polishing on flat surfaces, the engineering plastic used to manufacture plastic shoes acts as an excellent lap. Polishing Shoes are also available with felt for mirror polishing.

Reciprocating handpiece driven by Micromotor / Flexible shaft machine are used to polish by Polishing Shoes with Push rod.

Push Rod : PR03



Suprafinish - SFC

A premium quality cotton exclusively made for very fine Diamond Polishing Applications for hand touch of fine mirror polished surface using diamond compounds. Also used to wipe / clean highly polished surface.

Size (WXL) : 15cm x 3 mtr

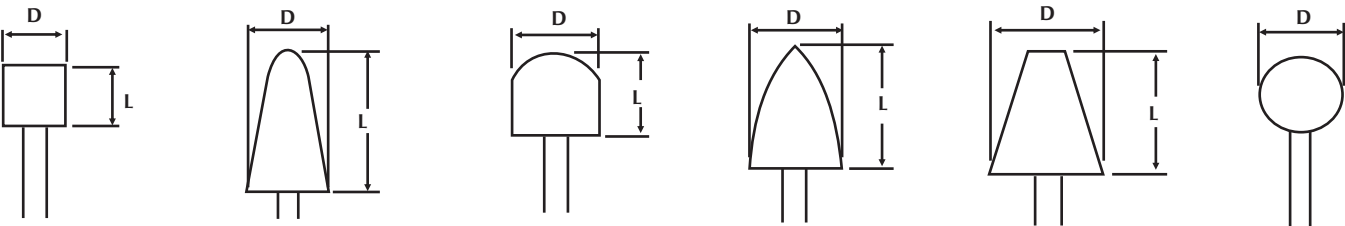


Kleen Wipes

| Description | Kleen wipes |
|------------------|-------------|
| Wipe Size | 4.5"x8.5" |
| Qty/Box | 280 Pulls |

Single ply lint free wipes that protects critical glass surfaces, lenses and highly polished metal surface from cleaning-induced scratches and lint

- Excellent for cleaning mirror polished metal surfaces, glass, lenses and critical surfaces
- Will not scratch even when used wet



| D I A M E T E R | L E N G T H | S H A P E | S H A N K D I A | D I A M E T E R | L E N G T H | S H A P E | S H A N K D I A | D I A M E T E R | L E N G T H | S H A P E | S H A N K D I A | D I A M E T E R | L E N G T H | S H A P E | S H A N K D I A | D I A M E T E R | L E N G T H | S H A P E | S H A N K D I A |
|-----------------|-------------|-----------|-----------------|-----------------|-------------|-----------|-----------------|-----------------|-------------|-----------|-----------------|-----------------|-------------|-----------|-----------------|-----------------|-------------|-----------|-----------------|
| 4 | 8 | CY | 3 | 4 | 8 | CN | 3 | 4 | 8 | R | 3 | 4 | 8 | P | 3 | - | - | - | - |
| 5 | 10 | CY | 3 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 6 | 12 | CY | 3 | 6 | 12 | CN | 3 | 6 | 12 | R | 3 | 6 | 12 | P | 3 | - | - | - | - |
| 8 | 12 | CY | 3 | 8 | 12 | CN | 3 | 8 | 12 | R | 3 | 8 | 12 | P | 3 | 8 | 12 | F | 3 |
| 10 | 10 | CY | 3 | 10 | 13 | CN | 3 | 10 | 13 | R | 3 | 10 | 13 | P | 3 | 10 | 13 | F | 3 |
| 13 | 13 | CY | 3 | 13 | 25 | CN | 3 | 13 | 13 | R | 3 | 13 | 25 | P | 3 | 13 | 19 | F | 3 |
| 19 | 19 | CY | 3 | 19 | 38 | CN | 3 | 19 | 19 | R | 3 | 19 | 38 | P | 3 | 19 | 25 | F | 3 |
| 19 | 25 | CY | 6 | 25 | 50 | CN | 6 | 25 | 25 | R | 6 | 25 | 50 | P | 6 | 25 | 32 | F | 6 |
| 19 | 38 | CY | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 25 | 25 | CY | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 32 | 32 | CY | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |
| 38 | 38 | CY | 6 | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | - |

Item Code: D x L+Shape + Shank Dia (Example 4X8 - CY3)
Custom sizes available on request.

Assorted Felt Bobs

| Item # | FB 60 |
|---------------|---------|
| 4 x 8 - CY3 | 05 Nos. |
| 6 x 12 - CY3 | 10 Nos. |
| 10 x 10 - CY3 | 10 Nos. |
| 19 x 19 - CY3 | 10 Nos. |
| 10 x 13 - CN3 | 05 Nos. |
| 10 x 13 - R3 | 05 Nos. |
| 10 x 13 - P3 | 05 Nos. |
| 10 x 13 - F3 | 05 Nos. |
| 10 x 10 - S3 | 05 Nos. |
| Total | 60 Nos. |



FELT ROLL

Extremely soft felt strip for mirror finishing with fine sizes of Diamond compounds. It can be used by hand or can be pasted on Wood / Rubber pad and used as a superior lap while polishing by hand / polishing machines.

| Felt Roll | Size | Thickness | Part # |
|---------------------------|---------------|-----------|---------|
| Felt Roll - Made in Japan | 25mm X 1.5mtr | 3mm | FRI1500 |
| Felt Roll Economy | 25mm X 2mtr | 3mm | FRE2000 |

FELT STICKS

FELT STICKS



| Part No. | FST0606 | FST1010 |
|-----------|-------------------|---------------------|
| W X T X L | 6 X 6 X 100 X 45° | 10 X 10 X 100 X 45° |



Felt Mounted Sticks

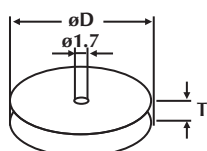
| Part No. | FMS0606 | FMS1010 |
|-----------|------------|--------------|
| W X T X L | 6 X 6 X 25 | 10 X 10 X 45 |

Felt Sheet

Cut to any size to make your own feltlap or use felt sheet/block for polishing by hand.

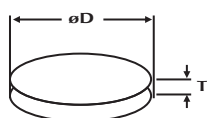


| Part No. | FSH230280 | FSH100070 |
|-----------|-----------------|---------------|
| W X T X L | 230 X 280 X 6.5 | 100 X 70 X 20 |



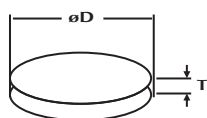
FELT DISK WITH PIN HOLE (FDH)

| | | | | | | | | |
|-----------|----|----|----|----|----|----|----|----|
| DIAMETER | 12 | 12 | 19 | 19 | 25 | 32 | 50 | 50 |
| THICKNESS | 3 | 6 | 3 | 6 | 6 | 6 | 6 | 12 |



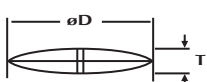
FELT DISK WITH ADHESIVE (FDA)

| | | | | | | | | |
|-----------|----|----|----|----|----|----|----|----|
| DIAMETER | 12 | 12 | 19 | 19 | 25 | 32 | 50 | 50 |
| THICKNESS | 3 | 6 | 3 | 6 | 6 | 6 | 6 | 12 |



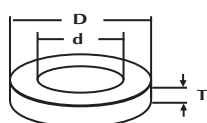
FELT DISK WITH VELCRO

| | | | | | | | | |
|-----------|----|----|----|----|----|----|----|----|
| DIAMETER | 12 | 12 | 19 | 19 | 25 | 32 | 50 | 50 |
| THICKNESS | 3 | 6 | 3 | 6 | 6 | 6 | 6 | 12 |



KNIFE EDGE FELT DISK WITH PIN HOLE (KEW)

| | | | | |
|-----------|----|----|----|----|
| DIAMETER | 12 | 16 | 19 | 19 |
| THICKNESS | 5 | 5 | 5 | 5 |



FELT RING WITH ADHESIVE (FRA)

| | | | | |
|---|----|----|----|----|
| D | 50 | 30 | 20 | 15 |
| d | 20 | 11 | 8 | 5 |
| T | 6 | 6 | 5 | 4 |

Felt Pads with Adhesive backing



| Part No. | Dimension |
|----------|-------------|
| FPA2010 | 20 x 10 x 2 |

FPH-Felt Pad Holder



ø 3mm Shank







Felt Flap Wheels

For fine polishing on large surfaces.

| Part No. | Size (mm) |
|----------|-------------|
| FFP2020 | 20 X 20 X 6 |
| FFP2525 | 25 X 25 X 6 |
| FFP3025 | 30 X 25 X 6 |
| FFP4025 | 40 X 25 X 6 |
| FFP5025 | 50 X 25 X 6 |



STONE HOLDER

| Order No. | Stone Holder | Capacity (mm) | Application |
|-----------|---|-------------------|----------------|
| XH-041 |  | 4 x 1 | Ceramic Stones |
| XH-061 |  | 6 x 1 | Ceramic Stones |
| XH-101 |  | 10 x 1 | Ceramic Stones |
| XH-062 |  | 6 x 2 or 6 x 3 | Oil Stones |
| XH-133 |  | 13 x 3 | Oil Stones |
| XH-136 |  | 13 x 6 | Oil Stones |

- Resist Breaking of Stones
- Easy to use small pieces of Stones
- Make Polisher's job easy

| Order No. | Stone Holder | Capacity (mm) | Application |
|-----------|---|--------------------------------|---------------------|
| XH-007 |  | 0.5 x 0.5 or ø0.7 | Mini Ceramic Stones |
| XH-009 |  | 0.7 x 0.7 or ø0.9 | Mini Ceramic Stones |
| XH-013 |  | 0.9 x 0.9 or ø1.3 | Mini Ceramic Stones |
| XH-200 |  | 2 x 1 or ø2.0 | Mini Ceramic Stones |
| XH-22 |  | ø3.0 | Ceramic Stones |
| XH-012 |  | Ø1.7~3 | Stones & Files |
| XH-01 |  | Diamond Foils, Cloth, Emery | |

Tool Holder for Air Lappers and other Reciprocation Handpiece :

| Order No. | No. 664 | No. 665 | No. 661 | No. 662 | No. 667 | No. 666 |
|---------------|---|---|---|---|---|---|
| Specification | Ø3 & 1mm | 1mm slot | 3.2 x 13mm | 3.2mm slot | 6.3 x 13mm | Adjustable |
| Shape |  |  |  |  |  |  |

Disc Holder



| Shank Dia (mm) | Disc Dia (mm) | DISC Rubber Holder | DISC Holder with velcro |
|----------------|---------------|--------------------|-------------------------|
| 3 | 10 | DH 10 | DHV 10 |
| 3 | 15 | DH 15 | DHV 15 |
| 3 | 20 | DH 20 | DHV 20 |
| 3 | 25 | DH 25 | DHV 25 |
| 6 | 40 | DH 40 | DHV 40 |

Disc Holder with Velcro



Mandrel



PHM30 - Pin Hole Mandrel - Shank Dia : 3mm



PPMT03 - Paper Mandrel - Shank Dia : 3mm



PPMS03 - Paper Mandrel Brass, Shank Dia: 3mm

TRANSFORMING A DULL METAL SURFACE TO MIRROR



- ▶ Keeps all items in order
- ▶ Separate compartment for various grit sizes of Polishing Stones
- ▶ Place to keep various laps used with different micron size Diamond Compounds, separately
- ▶ Helps preventing the contamination of laps and stones
- ▶ Easily portable, rugged steel body
- ▶ Available in two versions – ECONOMY & FULLY LOADED
- ▶ Easy to maintain your inventory – never fall short of items in the hour of need
- ▶ Contains virtually everything that you need for polishing your Dies & Moulds please refer the packing list
- ▶ Contents can be customized on request
- ▶ Packing List available on request

Polishing Station

Customised Contents



Polishing Station with Trolley

Polishing Station

Table Mounted



We offer a variety of KITS depending on your budget and Polishing application

▶ Polishing Kit - Economy

Basic kit contains only polishing consumables for initial surface preparation and mirror finishing.

▶ Polishing Kit with Air Tools

This kit contains air grinder lapper along with abrasive for medium finish normally used in Die / Mould Maintenance

▶ Polishing Kit with Flexible Shaft Machine

This kit contains a Flexible Shaft machine and consumables that may be required for surface preparation and mirror finishing in most economical way

▶ Fully Loaded Polishing Station

Ideal kit containing most of the consumables with Ultrasonic and Micromotor based polishing machine for surface preparation and mirror finishing

Some tips to improve your mould polishing

- ▶ Pre-machine as fine as possible
- ▶ Cleanliness is most important. Keep your polishing area away from grinding dust and chips. All it takes is one particle of grinding dust to ruin your finish
- ▶ Separate your stones. Do not mix up stones and diamond polishing sticks of various grits. Keep different grit of stones in separate boxes
- ▶ Maintain constant hand pressure while using polishing machines and other hand tools while polishing.
- ▶ Keep the surface well lubricated by stoning oil when polishing with stones and diamonds
- ▶ Avoid high speed of polishing machines when polishing large surfaces

OUR OTHER PRODUCTS



Standard Mold Parts



Mould Cooling Channel Descaling Machine



Ultrasonic Cleaning System



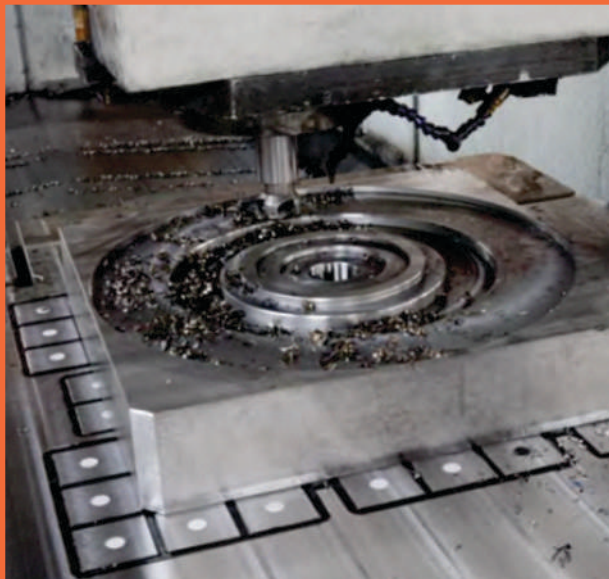
Mold Service Table



Die Spotting Press



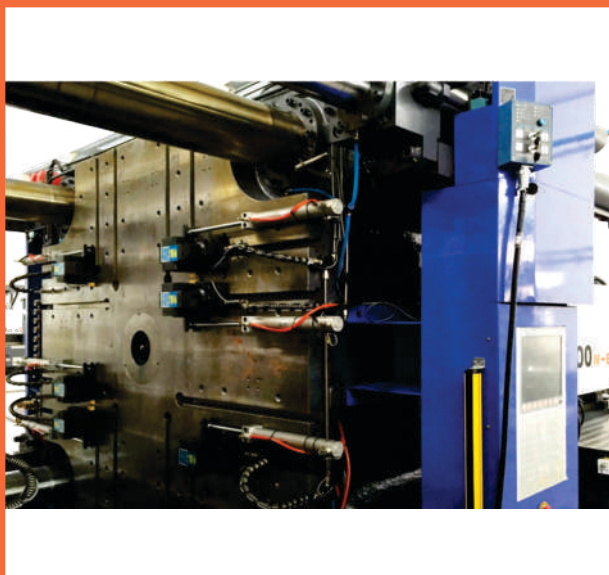
Mold Flipper



Electro Permanent Magnet



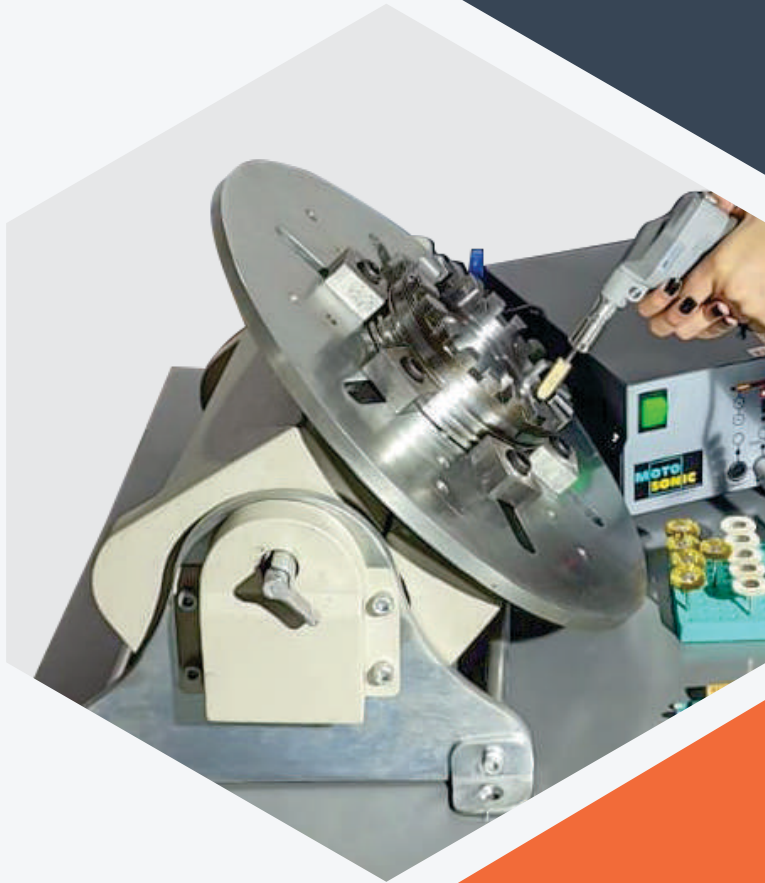
E-CAMGUARD Die & Mould Protection System



Quick Die Change Clamps



Plastic Leak Detection System



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