

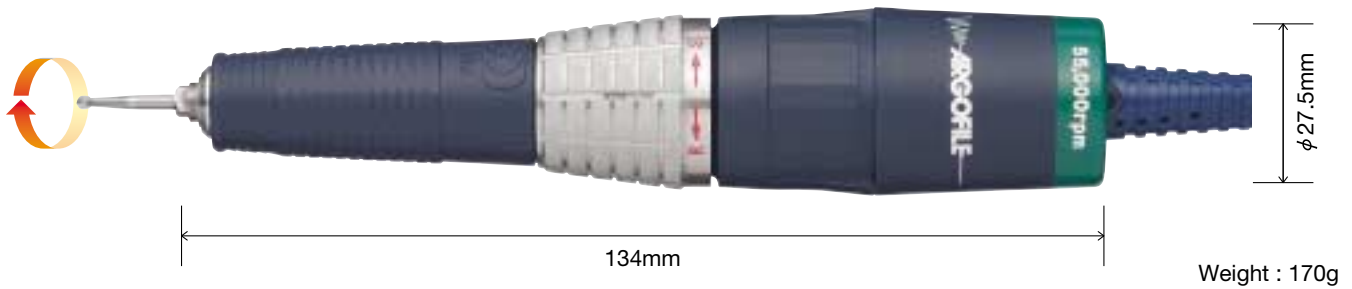
 **ARGOFILE**



**ARGOFILE A.F. SERIES**

DC 30V

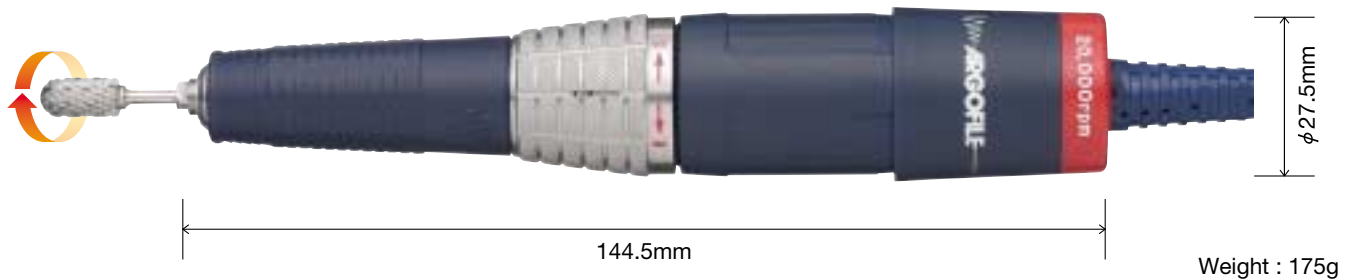
## LA051 55,000rpm / High Speed



Biggest seller, most popular one-piece handpiece. Its lightweight well balanced construction and the world top r.p.m. of 55,000 make it ideal for precise deburring with C.B.N. or diamond bur.

Rated input voltage	Max shaft output	Max torque	Available collet size
0-30V. DC.	58.6W	3.1N.cm.	2.35mm, 3mm, 3.175mm

## LA121 20,000rpm / High Torque



High torque yet slim line one-piece construction suitable for continuous production.

Rated input voltage	Max shaft output	Max torque	Available collet size
0-30V. DC.	40.4W	6.5N.cm.	2.35mm, 3mm, 3.175mm

## LA131 35,000rpm / All-Arounder



Slim, lightweight one-piece construction with 35,000 r.p.m.max.with medium torque make this handpiece a good all-rounder for most polishing applications.

Rated input voltage	Max shaft output	Max torque	Available collet size
0-30V. DC.	55.7W	5.4N.cm.	2.35mm, 3mm, 3.175mm

### LA231 30,000rpm / All-Arounder



LA231 with its two-piece construction is a very adaptable handpiece and suitable for high-speed cutting and deburring with carbide and mounted points. The handpiece LA231 consists of head JA15 and motor LA23. The detachable motor LA23 can be used with interchangeable heads as illustrated on page 5.

Rated input voltage	Max shaft output	Max torque	Available collet size
0-30V. DC.	65.7W	6.5N.cm.	2.35mm, 3mm, 3.175mm



### LA211 15,000rpm / High Torque



LA211 is a two-piece construction designed for especially tough applications such as grinding, heavy deburring, cutting and heavy duty polishing. The handpiece LA211 consists of head JA15 and motor LA21. The detachable motor LA21 can be used with interchangeable heads as illustrated on page 5.

Rated input voltage	Max shaft output	Max torque	Available collet size
0-30V. DC.	49W	8.8N.cm.	2.35mm, 3mm, 3.175mm



### LA201 8,000rpm / Super Torque



LA201 two-piece construction handpiece with super torque is designed for the toughest jobs, use it for hard grinding, heavy deburring, cutting and polishing on all types of surfaces. The handpiece LA201 consists of head JA15 and motor LA20. The detachable motor LA20 can be used with interchangeable heads as illustrated on page 5.

Rated input voltage	Max shaft output	Max torque	Available collet size
0-30V. DC.	22.8W	8.8N.cm.	2.35mm, 3mm, 3.175mm



# Reciprofile



## RE35/RE55

RE55/35 reciprocating profilers are lightweight and comfortable handpieces for continuous polishing. Both models have adjustable stroke and floating head with 360° orientation.

Model	Rated input voltage	Available tool size	Reciprocating Stroke	Frequency
RE35	0-30V. DC.	φ 2.0-6.35mm	0-6mm	420~4,200Strokes/min
RE55	0-30V. DC.	φ 2.0-6.35mm	0-2mm	700~7,000Strokes/min

# Swingfile

## LA208 8,000rpm / Swingfile



Swingfile LA208 a unique sideways reciprocating action with a choice of speed and stroke is perfect for polishing base areas in deep cavities, corners and deep slots. The handpiece LA208 consists of head JP11 and motor LA20. The detachable motor LA20 can be used with interchangeable heads as illustrated on page 5.

Rated input voltage	Max shaft output	Max torque	Available tool size
0-30V. DC.	22.8W	8.8N.cm.	φ 2.0-4.7mm

## Tools for RE35/55 and LA208

### FREE HOLDER

Cat. No. R1110

### ABRASIVE PADS (self-adhesive backing)

Cat. No. \_MESH  
R2180 (# 180) R2600 (# 600)  
R2240 (# 240) R2800 (# 800)  
R2280 (# 280) R2010 (#1000)  
R2320 (# 320) R2012 (#1200)  
R2400 (# 400)

### FELT TIPS (self-adhesive backing)

Cat. No. R2001

### HOLDERS

#### Holder (Short Type)

Cat. No. R1130

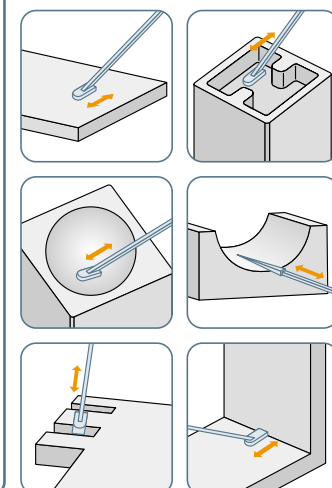
#### Holder (Long Type)

Cat. No. R1120

### ELECTRO-DEPOSITED DIAMOND FILES

Cat. No. R3110  
Cat. No. R3120  
Cat. No. R3130

(Note : All measurements in millimeters)

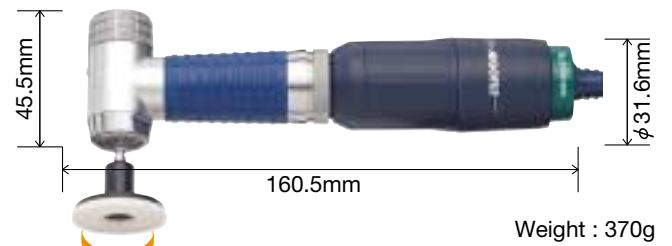


# Angle Rotary

**LA217** 120°angle / 15,000rpm

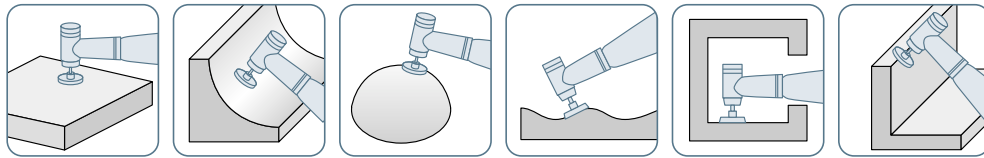


**LA216** 90°angle / 15,000rpm



Suitable for polishing of round and flat surface. The handpiece LA216 (LA217) consists of head JR21 (JS21) and motor LA21. The detachable motor LA21 can be used with interchangeable heads as illustrated on page 5.

Model	Rated input voltage	Max shaft output	Max torque	Available collet size
LA217	0-30V. DC.	49W	8.8N.cm.	2.35mm, 3mm, 3.175mm
LA216	0-30V. DC.	49W	8.8N.cm.	2.35mm, 3mm, 3.175mm



## Tooling for Angle Rotary

### SOFT RUBBER MANDRILS

10	20	30
Cat. No. A1000	Cat. No. A2000	Cat. No. A3000

### SILICON CARBIDE ABRASIVE DISCS (self-adhesive backing)

11φ		21φ		31φ	
Cat. No.	MESH	Cat. No.	MESH	Cat. No.	MESH
A1080	(# 80)	A2080	(# 80)	A3080	(# 80)
A1120	(#120)	A2120	(#120)	A3120	(#120)
A1180	(#180)	A2180	(#180)	A3180	(#180)
A1320	(#320)	A2320	(#320)	A3320	(#320)
A1400	(#400)	A2400	(#400)	A3400	(#400)
A1600	(#600)	A2600	(#600)	A3600	(#600)
A1800	(#800)	A2800	(#800)	A3800	(#800)

### POLYMOND DIAMOND ABRASIVE DISCS (self-adhesive backing)

11φ		21φ		31φ	
Cat. No.	MESH	Cat. No.	MESH	Cat. No.	MESH
P1220	(# 220)	P2220	(# 220)	P3220	(# 220)
P1280	(# 280)	P2280	(# 280)	P3280	(# 280)
P1400	(# 400)	P2400	(# 400)	P3400	(# 400)
P1600	(# 600)	P2600	(# 600)	P3600	(# 600)
P1800	(# 800)	P2800	(# 800)	P3800	(# 800)
P1015	(#1500)	P2015	(#1500)	P3015	(#1500)

(Note : All measurements in millimeters)

# Belt Sander



**BS33** Belt Sander

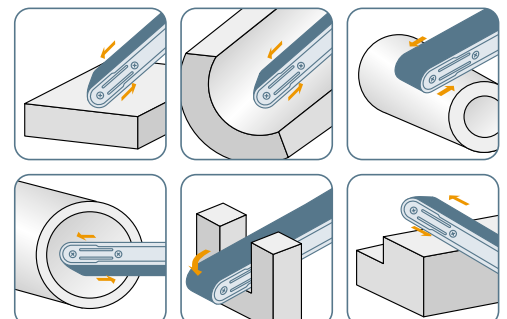
Suitable for deburring, removing EDM and machine tool marks, and sanding flat and curved surface and narrow slots.

Rated input voltage	Thin Belt Arm (BS1-100-1)	Standard Belt Arm (BS1-100-2)	Angle Arm (BS1-100-3)
0-30V. DC.			
Belt Speed	Belt Width : 4-6mm		
5-12m/sec	Belt Width : 6-8mm		
	Belt Width : 6-8mm		

### ABRASIVE BELTS

4mm width		6mm width		8mm width	
Cat. No.	MESH	Cat. No.	MESH	Cat. No.	MESH
B4080	(# 80)	B6080	(# 80)	B8080	(# 80)
B4120	(#120)	B6120	(#120)	B8120	(#120)
B4180	(#180)	B6180	(#180)	B8180	(#180)
B4320	(#320)	B6320	(#320)	B8320	(#320)

(Note : All measurements in millimeters)



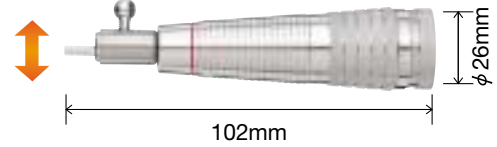
## Standard Head JA15



Available tool shank  $\phi$  2.35,3.0,3.175mm Weight : 100g

Available with **LA23** **LA21** **LA20**

## Swing Head JP11



Available tool shank  $\phi$  2.0~4.7mm Weight : 140g

Available with **LA20**

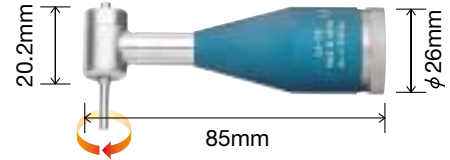
## Heavy Duty Head JA33



Available tool shank  $\phi$  2.35,3.0,3.175,6.0,6.35mm Weight : 150g

Available with **LA23** **LA21** **LA20**

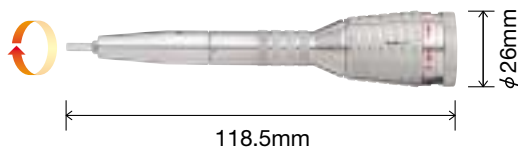
## Slim Line 90° Angle Head SA90



Available tool shank  $\phi$  2.35,3.0,3.175mm Weight : 80g

Available with **LA21** **LA20**

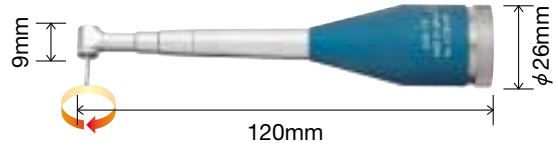
## Slender Head JA45



Available tool shank  $\phi$  2.35,3.0,3.175mm Weight : 120g

Available with **LA23** **LA21** **LA20**

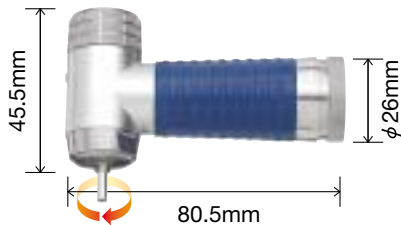
## Slim Line 90° Extension Angle Head SAE90



Available tool shank  $\phi$  1.6mm Weight : 90g

Available with **LA21** **LA20**

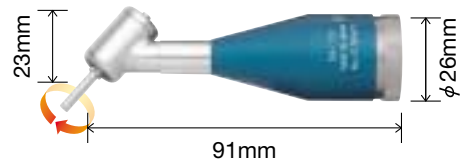
## 90° Angle Head JR21



Available tool shank  $\phi$  2.35,3.0,3.175mm Weight : 200g

Available with **LA21** **LA20**

## Slim Line 120° Angle Head SA120



Available tool shank  $\phi$  2.35,3.0,3.175mm Weight : 80g

Available with **LA21** **LA20**

## 120° Angle Head JS21



Available tool shank  $\phi$  2.35,3.0,3.175mm Weight : 210g

Available with **LA21** **LA20**

## 1/4 Reduction Gear UT15



Weight : 150g

( Connect between the motor and head for four times torque and reduce speed one fourth. )

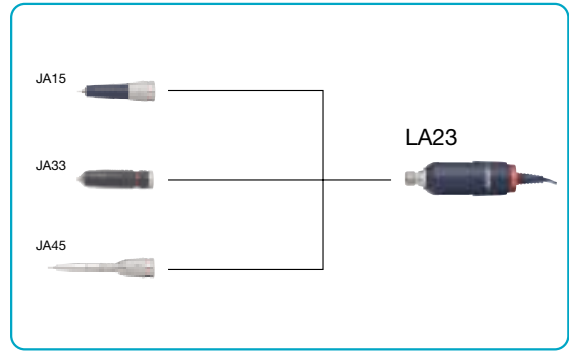
Available with **LA23** **LA21** **LA20**

## LA23 30,000rpm



Weight : 170g

Rated input voltage	Max shaft output	Max torque
0-30V. DC.	65.7W	6.5N.cm.

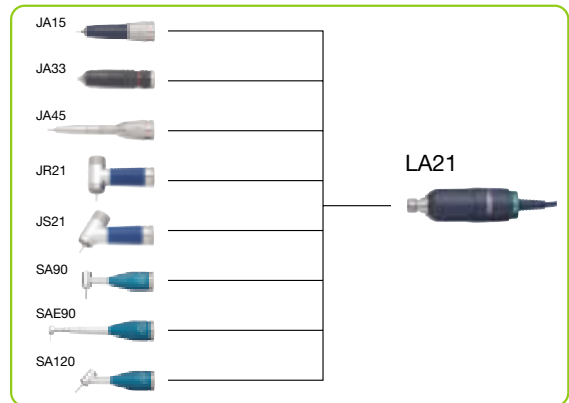


## LA21 15,000rpm



Weight : 170g

Rated input voltage	Max shaft output	Max torque
0-30V. DC.	49W	8.8N.cm.

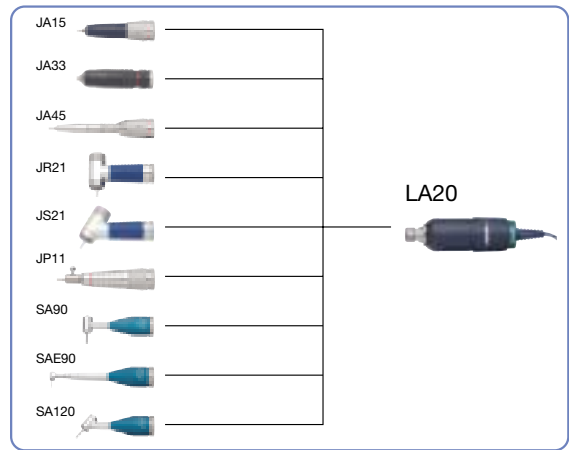


## LA20 8,000rpm



Weight : 170g

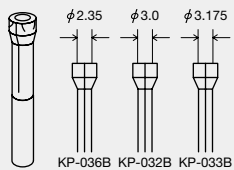
Rated input voltage	Max shaft output	Max torque
0-30V. DC.	22.8W	8.8N.cm.



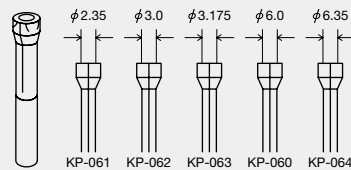
# Collets & Sleeves

## Collets

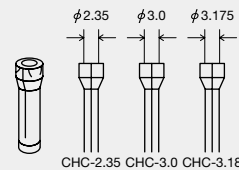
fit in : JA15/JA45/JR21/JS21



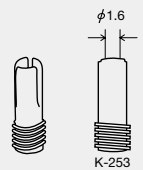
fit in : JA33



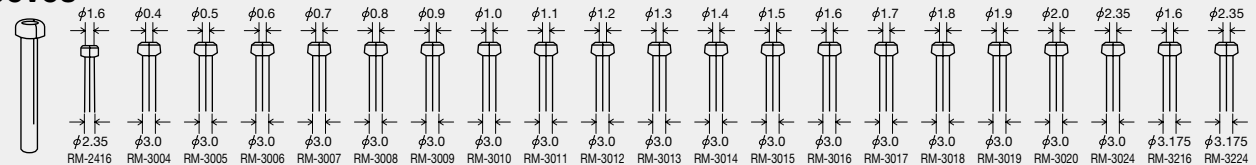
fit in : SA90/SA120



fit in : SAE90



## Sleeves



(Note : All measurements in millimeters)

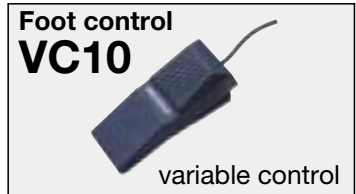
## Dual Controller

### PA111/PA113

PA111(120V)  
PA113(230V)

Dual power pack type PA11 with two output stations and individual speed controller enables 2 operators function. Heavy duty circuitry and overload function provides superior torque to AF series handpieces when applied to PA11. Available in 120V or 230V AC, 50/60Hz. Out put voltage : 30V DC.

#### Foot Controls suitable for PA11



## Single Station Controller

### PS220

Compact type controller with beep sound, cut-out switching for overload. Variable control either by hand or with foot control. PS220 has its unique voltage selector switch that allows operation at either 110V or 220V. Available in 50/60Hz. Output voltage : 30V DC.

#### Foot Controls suitable for TPF-77



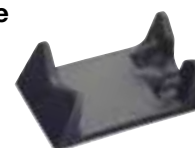
## Optional Accessories

#### Extention Cord EC30



Length 1.5m

#### Handpiece Cradle TRC-02

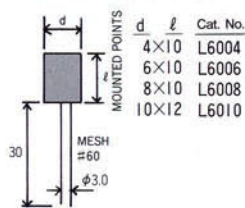


### ARGOFILE JAPAN LIMITED

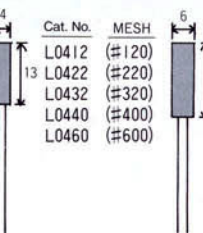
3-4, Kanda-Mitoshiro-Cho,  
Chiyoda-ku, Tokyo101-0053, Japan  
TEL : 81-(0)3-3233-1133  
FAX : 81-(0)3-3233-1129  
E-mail : info@argofile.co.jp  
website : www.argofile.co.jp

## ABRASIVE MOUNTED POINTS

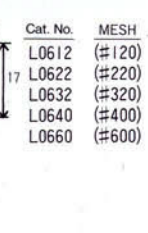
### ALUMINUM OXIDE (PA)



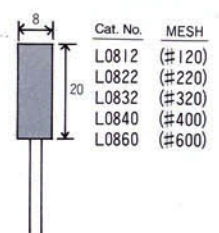
Cat. No.	MESH
L0212	(#120)
L0222	(#220)
L0232	(#320)
L0240	(#400)
L0260	(#600)



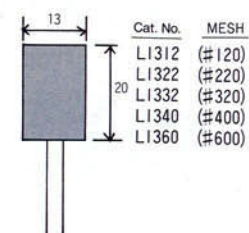
Cat. No.	MESH
L0412	(#120)
L0422	(#220)
L0432	(#320)
L0440	(#400)
L0460	(#600)



Cat. No.	MESH
L0612	(#120)
L0622	(#220)
L0632	(#320)
L0640	(#400)
L0660	(#600)

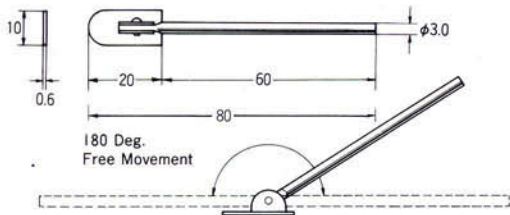


Cat. No.	MESH
L0812	(#120)
L0822	(#220)
L0832	(#320)
L0840	(#400)
L0860	(#600)



Cat. No.	MESH
L1312	(#120)
L1322	(#220)
L1332	(#320)
L1340	(#400)
L1360	(#600)

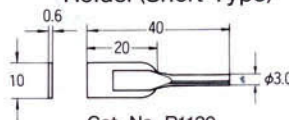
## FREE HOLDER



Cat. No. R1110

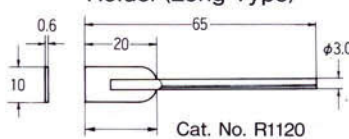
## RECIPRO HOLDERS

### Holder (Short Type)



Cat. No. R1130

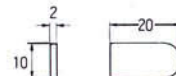
### Holder (Long Type)



Cat. No. R1120

## FELT TIPS FOR RECIPRO HOLDERS

(self-adhesive backing)



Cat. No. R2001

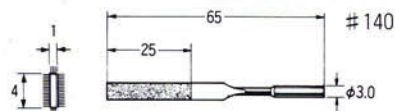
## ABRASIVE PADS

(self-adhesive backing)

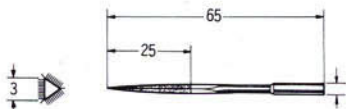


Cat. No.	MESH
# 180	R2180
# 240	R2240
# 280	R2280
# 320	R2320
# 400	R2400
# 600	R2600
# 800	R2800
# 1000	R2010
# 1200	R2012

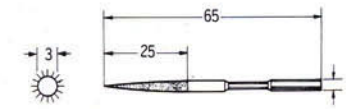
## ELECTRO-DEPOSITED DIAMOND FILES



Cat. No. R3110

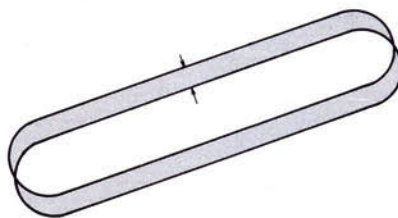


Cat. No. R3120



Cat. No. R3130

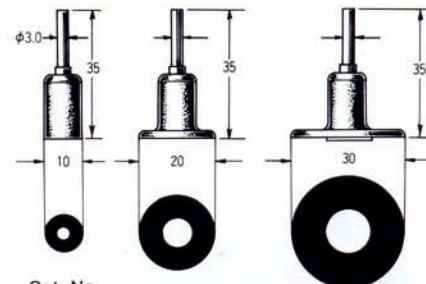
## ABRASIVE BELTS



4mm width    6mm width    8mm width

Cat. No.	MESH	Cat. No.	MESH	Cat. No.	MESH
B4080	(# 80)	B6080	(# 80)	B8080	(# 80)
B4120	(# 120)	B6120	(# 120)	B8120	(# 120)
B4180	(# 180)	B6180	(# 180)	B8180	(# 180)
B4320	(# 320)	B6320	(# 320)	B8320	(# 320)

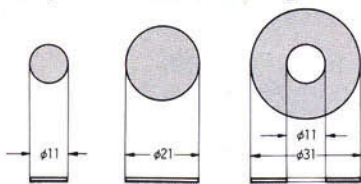
## SOFT RUBBER MANDRIL



Cat. No. A1000    Cat. No. A2000    Cat. No. A3000

## POLYMOND DIAMOND ABRASIVE DISCS

(self-adhesive backing)



11φ

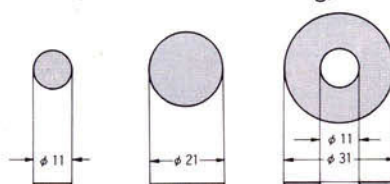
21φ

31φ

Cat. No.	MESH	Cat. No.	MESH	Cat. No.	MESH
P1220	(# 220)	P2220	(# 220)	P3220	(# 220)
P1280	(# 280)	P2280	(# 280)	P3280	(# 280)
P1400	(# 400)	P2400	(# 400)	P3400	(# 400)
P1600	(# 600)	P2600	(# 600)	P3600	(# 600)
P1800	(# 800)	P2800	(# 800)	P3800	(# 800)
P1015	(# 1500)	P2015	(# 1500)	P3015	(# 1500)

## SILICON CARBIDE ABRASIVE DISCS

(self-adhesive backing)



11φ

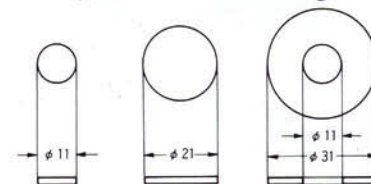
21φ

31φ

Cat. No.	MESH	Cat. No.	MESH	Cat. No.	MESH
A1080	(# 80)	A2080	(# 80)	A3080	(# 80)
A1120	(# 120)	A2120	(# 120)	A3120	(# 120)
A1180	(# 180)	A2180	(# 180)	A3180	(# 180)
A1320	(# 320)	A2320	(# 320)	A3320	(# 320)
A1400	(# 400)	A2400	(# 400)	A3400	(# 400)
A1600	(# 600)	A2600	(# 600)	A3600	(# 600)
A1800	(# 800)	A2800	(# 800)	A3800	(# 800)

## FELT DISCS

(self-adhesive backing)



11φ

21φ

31φ

Cat. No. A1001    Cat. No. A2001    Cat. No. A3001

(Note: All measurements in millimeters)