

W
O
R
K
O
F



Dental Lab Accessories



FOREDOM®

Dental Lab Accessories

Carbide Burs and Sleeves

Typhoon™ Sleeves and Mandrels	2
Typhoon™ Burs	2
Miniature Carbide Burs	8
Brass Brush (for cleaning Typhoons)	1

Abrasives

CeramCut Blue™ Stones	4
TF Series™ Finishing Points	4
Silicon Carbide Stones	3
Aluminum Oxide Stones	5
Ceramic Polishing Wheels	6
Sanding drums, Bands and Rolls	6
Cut-Off and Abrasive Discs	7
Dressing Stones	7
Abrasive Cleaner	7

Steel Burs

Cross Cut Steel Burs	8
----------------------	---

Diamond Burs

Sintered Burs	9
Plated Burs	9

Diamond Discs and Step Drills

Plated and Sintered Diamond Discs	10
Step Drills	10

Polishing Buffs

Cotton and Chamois Buffs	11-13
Felt Buffs – Mounted and Unmounted	12-13
Small Diameter Buffs	13
Polishing Compounds	13

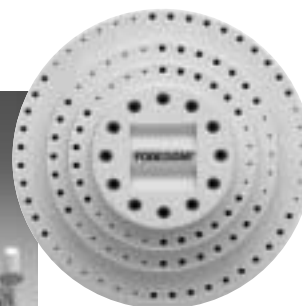
Mandrels and Mounted Brushes

Bristle, Brass, and Steel Brushes	14
Mandrels for Wheels, Discs, and Buffs	14
Split Mandrels	14

Bur Holders

Small Covered Bur Holder and Rotary Bur Holders	1
---	---

Bur Holders



10080 Rotating Bur Holder

Conveniently store and organize all sizes of burs including: 1/16", 3/32", 1/8", and 1/4" shanks with this compact, 7" w. x 4" h. bur holder. It holds 69–3/32" (2.35mm) or 1/8" burs, 12–1/4" burs and 45–1/16" (1.6mm) friction grip burs. (Burs not included.)



1009J Small Round Bur Holder with Cover

This plastic stand with clear plastic cover is ideal for storing and organizing both 3/32" and 1/8" shank burs, mandrels or drills. It has 24 holes for 1/8" burs and 24 holes for 3/32" (2.35mm) burs. 2 1/8" wide x 2 1/2" high. Holds burs up to 2" long.

Brass Brush

Typhoon Burs are easy to clean with the HB58 Brass Brush. It removes dust or chips between the rows of carbide points.



Caution, do not use a file card or steel brush to clean Typhoon burs.

***Always Use Safety Glasses
or Use Proper Eye Protection
When Using Rotary Power Tools.***

All prices are subject to change without notice.








FOREDOM® Typhoon Carbide Sleeves & Mandrels – Made in U.S.A.

Typhoon Carbide Sleeves, Mandrels and Burs

Typhoon burs and sanding sleeves have unique, structurally aligned carbide points that shape, cut rapidly and do not clog up with gypsum, die stone or epoxy material. They can also be used on acrylic molds. Any residue can be cleaned off with a brass wire brush (see facing page) or 5–10 seconds under a steam cleaner. Maximum speed rating 25,000 RPM.



3/32" (2.35mm) Shanks

Shape	Dia." (mm)	Length" (mm)	Grit (Color)	Catalog No.	Sugg. Retail Price Ea.
Sphere	 5/16" (8mm)	5/16" (8mm)	Fine (Blue)	KB32315	
Cylinder	 5/16" (8mm)	1/2" (13mm)	Fine (Blue)	KB32519	
Ball Nose	 5/16" (8mm)	1/2" (13mm)	Fine (Blue)	KB32719	
Rotor Saw	 7/16" (11mm)	3/16" (4.8mm)	Fine (Blue)	KB32813	
Tapers	 7/16" (11mm)	5/8" (16mm)	Fine (Blue)	KB32915	
	 3/16" (4.8mm)	3/4" (19mm)	Fine (Blue)	KB32119	
Flame	 5/16" (8mm)	1/2" (13mm)	Fine (Blue)	KB32913	
5 Piece Typhoon Kit contains:			Fine (Blue)	HK85	
KB32315, KB32719, KB32119, KB32915, KB32519					
7 Piece Typhoon Kit contains:			Fine (Blue)	HK86	
KB32315, KB32119, KB32915, KB32519, KB32719, KB32813, KB32913					

Dimensions are nominal and slight variations exist.



HK86 – 7 Piece Typhoon Kit
(see listing above)

Sleeves and Mandrels

Shank Size	Outer Dia.	Inner Dia.	Sleeve Length	Grit (Color)	Catalog No.	Sugg. Retail Price Ea.
Sleeves mounted on mandrels with rubber drum						
1/4"	11/16"	1/2"	1"	Fine (Blue)	KB43352	
1/4"	15/16"	3/4"	1/2"	Fine (Blue)	KB43522	
				Coarse (Red)	KB43525	
1/4"	15/16"	3/4"	1"	Fine (Blue)	KB43542	
				Coarse (Red)	KB43545	
1/4"	15/16"	3/4"	2"	Fine (Blue)	KB43532	
				Coarse (Red)	KB43535	
6mm	17mm	13mm	25mm	Fine (Blue)	KB43353	
6mm	24mm	19mm	25mm	Fine (Blue)	KB43543	
				Coarse (Red)	KB43546	
Sleeves Only						
–	11/16" (18mm)	1/2" 13mm	1" 25mm)*	Fine (Blue)	KB43351	
–	15/16"	3/4"	1/2"	Fine (Blue)	KB43521	
				Coarse (Red)	KB43524	
–	15/16" (24mm)	3/4" 19mm	1" 25mm)**	Fine (Blue)	KB43541	
				Coarse (Red)	KB43544	
–	15/16"	3/4"	2"	Fine (Blue)	KB43531	
Shank Size	Diameter		Length		Catalog No.	Sugg. Retail Price Ea.
Mandrels with rubber drum						
1/4"	3/4"		1/2"		M91	
1/4"	1/2"		1"		M96	
1/4"	3/4"		1"		M95	
1/4"	3/4"		2"		M92	
6mm	13mm		25mm*		M97	
6mm	19mm		25mm**		M98	













Always Use Safety Glasses or Use Proper Eye Protection When Using Rotary Power Tools.













FOREDOM® Mounted Abrasive Stones

Silicon Carbide (Green) – 3/32" (2.35mm) Shanks – Made in U.S.A.

Silicon Carbide mounted points (green color) for use on hard metals. Used for many applications including deburring, smoothing, and cleaning rough surfaces, and for grinding operations. Rated for use up to 45,000 RPM.

Catalog Nos. 31–54 Suggested Retail Price




Cat. No.	Shape	Dia." (mm)	Lgth." (mm)	Grit
31		1/8 (3.2)	1/4 (6.4)	150
32		5/16 (8.0)	3/64 (1.2)	150
33		7/32 (5.6)	11/32 (8.7)	150
34		1/4 (6.4)	5/16 (8.0)	120
35		1/4 (6.4)	1/2 (13)	100
36		3/16 (4.8)	1/2 (13)	100
37		3/8 (9.5)	1/16 (1.6)	150
38		1/2 (13)	1/16 (1.6)	150
39		3/8 (9.5)	3/64 (1.2)	150
40		5/32 (4.0)	13/64 (5.2)	150
41		1/4 (6.4)	1/16 (1.6)	150
42		3/16 (4.8)	3/16 (4.8)	120

Cat. No.	Shape	Dia." (mm)	Lgth." (mm)	Grit
43		5/32 (4.0)	1/4 (6.4)	150
44		3/16 (4.8)	1/16 (1.6)	150
45		1/8 (3.2)	1/8 (3.2)	180
46		3/32 (2.4)	1/4 (6.4)	180
47		1/8 (3.2)	1/4 (6.4)	150
48		1/4 (6.4)	1/4 (6.4)	150
49		3/32 (2.4)	3/8 (9.5)	120
50		3/16 (4.8)	1/8 (3.2)	150
51		1/4 (6.4)	1/4 (6.4)	120
52		1/4 (6.4)	3/16 (4.8)	120
53		1/4 (6.4)	1/8 (3.2)	120
54		1/2 (13)	1/16 (1.6)	120

FOREDOM® CeramCut Blue & TF Series Abrasives – Made in U.S.A.

New TFseries™ Finishing Points

TF Series Finishing Points were originally developed for aerospace and other industrial manufacturers that work with titanium, stainless steel, and other hardened metals. These aluminum oxide impregnated finishing points can smooth and polish simultaneously because the binder is resilient. The heads can be reshaped and dressed with a dressing stone. They have been found to also be effective for trimming acrylic dentures and crown and bridge acrylic.

Catalog No.	Shape	Dia" (mm)	Length" (mm)
TF350		Cylinder 1/4" (6.4)	1/2" (13)
TF360		Tapered Wheel 1/2" (13)	1/8" (3.2)
TF380		Wheel 1/2" (13)	1/16" (1.6)
Unmounted Wheels with 1/16" (1.6mm) center hole			
		Dia" (mm)	Thick" (mm)
TF465		1/2" (13)	1/8" (3.2)

Both CeramCut Blue Stones and TF Series Finishing Points have 3/32" (2.35mm) shanks and overall length of approximately 1 3/4" – 2" depending on head length.



Dimensions are nominal and slight variations may exist.

Rated for use at speeds up to 45,000 RPM.


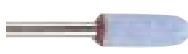












CeramCut Blue Stones (shown at right): CK275, CK300, and CK318 are medium grit (80), CK270, CK460, and CK356 are coarse grit (60). All other CeramCut Blue Stones are fine grit (120).

HK26 CeramCut Kit (see below)

Item	Suggested Retail Price
TF Series Points	
TF Series Unmounted Wheels	
CeramCut Blue Stones	
CeramCut Blue Stones Wheels (CK270 & CK275)	
CeramCut Blue Stones Wheels (CK460 & CK480)	
HK26 CeramCut Blue Stones Kit Includes: CK350, (2)CK360s, CK380 and CK390	

New CeramCut Blue™ Stones

A ceramic and aluminum oxide abrasive grain structure superior in performance and life to the standard green silicon carbide stones widely used in dental labs today. Use them for cutting and polishing work on all metals you are now finishing with silicon carbide stones. Dress porcelain pieces between firings with less chance of thermal damage. They remove material faster yet run cooler...and last 3–5 times longer than silicon carbide stones.













Catalog No.	Shape	Dia" (mm)	Lgth" (mm)
CK300 (medium)		Large Ball Nose 1/4" (6.4)	1/2" (13)
CK301		Medium Ball Nose 3/16" (4.7)	1/2" (13)
CK302		Small Ball Nose 1/8" (3.2)	1/2" (13)
CK318 (medium)		Flame 5/32" (3.9)	3/8" (9.5)
CK322		Inverted Cone 1/8" (3.2)	7/64" (2.8)
CK332		Ball 1/8" (3.2)	1/8" (3.2)
CK342		Tapered Cone 5/64" (1.9)	7/32" (5.5)
CK350		Large Cylinder 1/4" (6.4)	1/2" (13)
CK352		Small Cylinder 3/32" (2.4)	1/4" (6.4)
CK356 (coarse)		Large Cylinder 1/4" (6.4)	1/2" (13)
CK360		Tapered Wheel 1/2" (13)	1/8" (3.2) 1/32" edge
CK380		Wheel 1/2" (13)	1/16" (1.6)
CK390		Large Flat Taper 1/8" (3.2)	1/2" (13)
CK392		Small Flat Taper 3/32" (2.4)	3/8" (9.5)
Unmounted Wheels with 1/16" (1.6mm) center hole			
		Dia" (mm)	Thick" (mm)
CK270 (coarse)	7/8" (22)	1/8" (3.2)	
CK275 (medium)	7/8" (22)	1/8" (3.2)	
CK460 (coarse)	1/2" (13)	1/8" (3.2)	
CK480 (fine)	1/2" (13)	1/8" (3.2)	













FOREDOM® Mounted Abrasive Stones

Aluminum Oxide (Red) – 3/32" (2.35mm) Shanks – Made in U.S.A.

Aluminum Oxide mounted stones (red color) are used for grinding and shaping metal, porcelain, and glass. Vitrified stones are available in 80 to 150 grit depending on size and shape of head for medium to fine surface finishes. Shank length 1½" to bottom of stone. Rated for use at speeds up to 45,000 RPM.

Catalog Nos. 1–24 Suggested Retail Price

Cat. No.	Shape	Dia." (mm)	Lgth." (mm)	Grit
1		1/8 (3.2)	1/4 (6.4)	120
2		5/16 (8.0)	3/64 (1.2)	120
3		7/32 (5.6)	11/32 (8.7)	100
4		1/4 (6.4)	5/16 (8.0)	100
5		1/4 (6.4)	1/2 (13)	80
6		3/16 (4.8)	1/2 (13)	80
7		3/8 (9.5)	1/16 (1.6)	80
8		1/2 (13)	1/16 (1.6)	80
9		3/8 (9.5)	3/64 (1.2)	120
10		5/32 (4.0)	13/64 (5.2)	120
11		1/4 (6.4)	1/16 (1.6)	120
12		3/16 (4.8)	3/16 (4.8)	100

Cat. No.	Shape	Dia." (mm)	Lgth." (mm)	Grit
13		5/32 (4.0)	1/4 (6.4)	100
14		3/16 (4.8)	1/16 (1.6)	120
15		1/8 (3.2)	1/8 (3.2)	120
16		3/32 (2.4)	1/4 (6.4)	100
17		1/8 (3.2)	1/4 (6.4)	120
18		1/4 (6.4)	1/4 (6.4)	80
19		3/32 (2.4)	3/8 (9.5)	120
20		3/16 (4.8)	1/8 (3.2)	150
21		1/4 (6.4)	1/4 (6.4)	100
22		1/4 (6.4)	3/16 (4.8)	100
23		1/4 (6.4)	1/8 (3.2)	100
24		1/2 (13)	1/16 (1.6)	100

FOREDOM® Polishing and Sanding Accessories

New

Ceramic Polishing Wheels

These Ceramic Polishing Wheels are superior for polishing platinum and gold. 3,000 – 12,000 RPMs is the recommended optimal speed range depending on the hardness of the material. Extremely long lasting, they are available in six different grits—each easily identifiable by a different color. Maximum Speed Rating – 25,000 RPM.

Size – 22mm diameter x 3mm in thickness.

Suggested Retail Price

Color	Grit	Part No. (10 Pack)
Blue	120	CW55110
Green	180	CW55210
Violet	320	CW55410
Orange	500	CW55610
Gray	1000	CW55710
White	1500	CW55810
Assortment (Contains: 2 ea. of Blue, Green, Violet, & Orange, and 1 ea. of Gray & White)		CW55010



New



Sanding Drums and Bands

Sanding drums, bands and discs in three grits— Coarse, Medium, and Fine especially developed for use with Foredom power tools by jewelers. Use for smoothing rough surfaces and for sanding.

Maximum Speed Rating – 25,000 RPM.






Shank Size	Band No. & Size	Grit*	Sanding Drum No.	Retail Price
3/32"	SD400	Coarse	SD40C	
3/32"	SD400	Medium	SD40M	
3/32"	SD400	Fine	SD40F	
–	1/4"	Coarse	SD400C	
–	1/4"	Medium	SD400M	
–	1/4"	Fine	SD400F	

*Please Specify Grit When Ordering: Coarse, Medium, or Fine

1" Cartridge Rolls

The Resin Bonded Aluminum Oxide cartridge rolls in straight, full taper and half taper rolls — in Coarse, Medium, and Fine grits listed below all use the M16 mandrel. Please refer to page 14 for complete listing of Foredom mandrels.

Maximum Speed Rating: 15,000 RPM

Roll Dia.	Arbor Hole Dia.	Shape	Grit*	Part No.	Retail Price Per 10 Pk
1/4"	1/8"	Straight	Coarse	CRL1C	
			Medium	CRL1M	
			Fine	CRL1F	
1/2"	1/8"	Straight	Coarse	CRL2C	
			Medium	CRL2M	
			Fine	CRL2F	
3/8"	1/8"	Full Taper	Coarse	CRL4C	
			Medium	CRL4M	
			Fine	CRL4F	
5/8"	1/8"	Full Taper	Coarse	CRL5C	
			Medium	CRL5M	
			Fine	CRL5F	
7/8"	1/8"	Full Taper	Coarse	CRL6C	
			Medium	CRL6M	
			Fine	CRL6F	
3/8"	1/8"	Half Taper	Coarse	CRL7C	
			Medium	CRL7M	
			Fine	CRL7F	
5/8"	1/8"	Half Taper	Coarse	CRL8C	
			Medium	CRL8M	
			Fine	CRL8F	
7/8"	1/8"	Half Taper	Coarse	CRL9C	
			Medium	CRL9M	
			Fine	CRL9F	

* Please Specify Grit When Ordering: Coarse, Medium or Fine

FOREDOM® Unmounted Abrasives and Dressing Stones



Diamond Hone for Sharpening and Dressing

3/4" x 2"
Diamond Pad
on a 6"
Plastic Handle

Sharpen knives, instruments, and other steel or carbide tools with these diamond hones. Can also be used to dress or reshape the points of silicon carbide and aluminum oxide mounted points by lightly touching a rotating point to the diamond surface.

Available in 3 Grits	Grit	Catalog No.
SuperFine (blue)	1200	10342
Fine (red)	600	10343
Medium (purple)	400	10344

4005 Abrasive Cleaner

For removing dust and metal chips from sanding accessories and grinding points.
3" x 3" x 1 1/2"

Suggested Retail Price \$6.75 each



Abrasive and Cut-Off Discs



Maximum Speed Ratings:

D1 & D2 – 30,000 RPM

D3 & D6 – 45,000 RPM

Abrasive discs D1 and D2 are rubber bonded and are suitable for grinding, smoothing and cleaning glass, high speed steel, and other tough materials. D3, an electrically bonded abrasive on very thin Swedish steel, is used for cleaning, smoothing and grinding hard-to-reach areas. D6 is a fiberglass reinforced cut-off wheel used to cut-off, groove, and trim metal and ceramics.

All discs have 1/16" arbor hole.

Catalog No.	Dia.	Thick	Recommended Mandrels (see pg 14)
D1	7/8"	.023"	M1
D2	1 1/4"	.062"	M13
D3	7/8"	.010"	M1/M13
New D6	1 1/4"	.050"	M13

Aluminum Oxide Grinding Stones (Red) Made in U.S.A.

Unmounted Aluminum Oxide (red color) grinding stones for grinding, cleaning, and smoothing hard materials including steel. Use with 3/32" (2.35mm) shank mandrels M1 and M13. Rated for use at speeds up to 21,000 RPM.

Catalog No.	Shape	Dia." (mm)	Lgth." (mm)	Grit
G21		1/2 (13)	Knife Edge	120
G33		1/2 (13)	3/16 (4.8)	80
G34		1/2 (13)	1/8 (3.2)	80
G35		1/2 (13)	1/16 (1.6)	80
G22		5/8 (16)	Knife Edge	120
G30		5/8 (16)	3/16 (4.8)	80
G31		5/8 (16)	1/8 (3.2)	80
G32		5/8 (16)	1/16 (1.6)	80
G23		5/8 (16)	Knife Edge	100
G27		3/4 (19)	3/16 (4.8)	80
G28		3/4 (19)	1/8 (3.2)	80
G29		3/4 (19)	1/16 (1.6)	80

Suggested Retail Price \$.90 each

Dimensions are nominal and slight variations may exist.

Dressing Stone for Mounted Abrasive Points No. 10333











A Silicon Carbide Block for dressing and cleaning mounted abrasive points. Reshaping points back to concentricity is done by running the mounted point in the groove comparable in size. This also cleans the point and exposes fresh abrasive particles. 60 grit.

FOREDOM® Miniature Carbide and Vanadium Steel Burs








Miniature Carbide Burs with 3/32" (2.35mm) Shanks

Use these burs for cutting plastic, hardened steel, stainless steel and composite materials. Rated for use at speeds up to 100,000 RPM.

Catalog No.	Shape	Head Dia. mm
123010P	Round	1.0
123012P		1.2
123014P		1.4
123016P		1.6
123018P		1.8
123021P		2.1
123023P		2.3
124010P	Inverted Cone	1.0
124012P		1.2
124014P		1.4
124016P		1.6
125012P	Wheel	1.2
		
128010P	Round Cylinder	1.0
128012P		1.2
128014P		1.4
129010P	Square Cylinder	1.0
129012P		1.2
129014P		1.4
129016P		1.6
130010P	Square Cone	1.0
130012P		1.2
130014P		1.4
130016P		1.6
150A010P	Short Pear	1.0
150A012P		1.2
150B010P	Long Pear	1.0
150B012P		1.2
150B014P		1.4

Cross Cut Steel (Stump) Burs with 3/32" (2.35mm) Shanks

Used for shaping wax, acrylic, and die stone. Seven different shapes ranging in size from 5mm (.020") to 8mm (.030") enable the technician to do a wide variety of shaping and detailing. The cross cuts in the flutes reduce clogging and produce smoother finishes. For use at speeds up to 60,000 RPM.









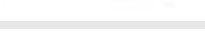





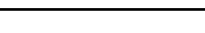
Shape	Head Diameter (mm)	Inch	Catalog No.
 Round	5	.20	85050P
	6	.24	85060P
	7	.28	85070P
	8	.32	85080P
 Oval	5	.20	86050P
	6	.24	86060P
	7	.28	86070P
	8	.32	86080P
 Cylinder	5	.20	87050P
	6	.24	87060P
	7	.28	87070P
	8	.32	87080P
 Egg	5	.20	88050P
	6	.24	88060P
	7	.28	88070P
	8	.32	88080P
 Pear	5	.20	89050P
	6	.24	89060P
	7	.28	89070P
	8	.32	89080P
 Flame	5	.20	90050P
	6	.24	90060P
	7	.28	90070P
	8	.32	90080P
 Long Bud	5	.20	91050P
	6	.24	91060P
	7	.28	91070P
	8	.32	91080P

FOREDOM® Diamond Points

Sintered Diamonds





















3/32" (2.35mm) Shanks

Sintered diamonds are made with structurally uniform, man made diamonds held in a hard binder with extreme heat and pressure for several hours in an oxygen-free environment (the "hot pressure" method). The result is a uniform, solid sintered matrix of diamonds in a stronger binder for maximum durability. New diamonds are exposed as the point is used. The medium grit points are suitable for use on all materials including hardened steel, glass, and stone. Maximum speed rating is 45,000 RPM.

Catalog No.		Head Dia. mm	Head Length mm
DS5		3.1	3.1
DS16		3.7	3.7
DS15		3.7	3.0
DS3		5.0	4.0
DS17		1.8	8.0
DS14		3.1	9.0
DS1		2.3	8.0
DS13		3.7	10.0
DS11		2.3	8.0
DS12		3.7	10.0
DS7		1.6	6.0
DS18		1.8	7.0
DS10		3.7	10.0
DS8		2.3	8.0
DS9		3.7	10.0

Plated Diamond Burs 3/32" (2.35mm) Shanks

Plated diamond blanks are precision turned, stainless steel to ensure proper concentricity and balance for high speed use. All the corners are rounded and the plating cycle is specifically tuned for the point shape to ensure even diamond coverage and a strong bond. The sharp, natural diamond grit conforms to ISO specifications for medium diamond grit (120–200 mesh/125–180 micron). Maximum speed rating: 120,000 RPM.



Catalog No.		Head Dia.	Head Length
PD3		1.0	.8
PD4		1.4	1.1
PD24		1.6	1.4
PD5		1.8	1.6
PD30		2.1	1.6
PD25		2.6	2.0
PD6		3.3	2.7
PD26		4.3	3.8
PD2		1.2	5.0
PD9		2.3	7.0
PD10		4.0	8.0
PD23		4.8	7.0
PD27		2.6	2.0
PD28		2.6	7.0
PD7		6.0	6.0
PD29		9.5	4.8
PD11		2.1	10.5
PD21		4.7	9.5
PD14		1.9	7.0
PD15		2.6	7.0
PD1		1.6	3.0
PD12		1.6	9.0
PD22		2.6	8.0
PD16		1.6	3.0
PD17		6.3	8.0
PD18		5.7	2.0
PD19		6.8	1.0
PD20		5.8	2.0
PD13		2.4	10.0
PD8		6.5	2.0

FOREDOM® Plated Diamond Discs, Sintered Diamond Discs, & Step Drills


Plated Diamond Discs

These discs are 7/8" (22mm) in diameter, diamond plated on both sides, and are used with M13 mandrel.

Max. Speed Rating: 20,000 RPM.

	Diameter mm	Thickness mm	Catalog No.	Suggested
	22mm	.45mm	DD1	
	22mm	.30mm	DD3	
	22mm	.15mm	DD5	
Use DD1, DD3, and DD5 for Cutting				
	22mm	.30mm	DD2	
	22mm	.15mm	DD4	
Use DD2 and DD4 for Smoothing, Finishing, and Cutting (Use top and bottom surface for smoothing and finishing, use edge for cutting.)				

Sintered Diamond Discs

	Diameter mm	Thickness mm	Catalog No.	Suggested
	20mm	.27mm	DS21	
	22mm	.5mm	DS22	

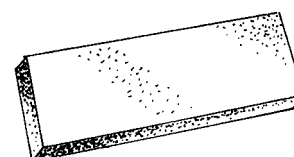
Sintered Diamond Discs have a solid matrix of diamonds in a binder from edge to center; the cutting edge is continually exposing new diamonds. Cutting life is more than ten times that of a plated disc if used properly. Each disc is on a 3/32" (2.35mm) shank and is individually balanced. Maximum Speed Rating: 25,000 RPM.

Wet Stick

4005

2" x 1/2" x 3/4"

Used wet for unloading diamond points.

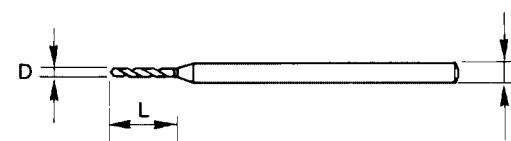


Head Dia.(D) mm	Head Dia.(D) In.	Head Length (L)	Approx. Wire Size	Catalog No.
.5	.0197	8.5	#76	58005P
.6	.0236	8.5	#73	58006P
.7	.0276	8.5	#70	58007P
.8	.0315	8.5	#67	58008P
.9	.0354	8.5	#65	58009P
1.0	.0394	8.5	#61	58010P
1.1	.0433	10.5	#57	58011P
1.2	.0472	10.5	#56	58012P
1.3	.0512	10.5	#55	58013P
1.4	.0551	10.5	#54	58014P
1.5	.0591	11.0	#53	58015P
1.6	.0630	11.0	#52	58016P
1.7	.0669	11.0	#51	58017P
1.8	.0709	11.0	#50	58018P
1.9	.0748	11.0	#48	58019P
2.0	.0787	11.0	#47	58020P
2.1	.0827	11.0	#45	58021P

Step Drills

3/32" (2.35mm) Shanks

Step Drills are made from hardened tool steel with 3/32" (2.35mm) diameter shanks and overall length of 1.8" (45mm) for drilling all types of metals and plastics. Maximum Speed Rating: 45,000 RPM.



The D dimension determines head diameter.
Head length (drilling depth) is L dimension.

FOREDOM® High Quality Polishing Buffs – Made in U.S.A.

White Muslin Buffs

Coarse Weave (60 x 60) Muslin Buffs

have a more open weave to hold more compound. Used as a general purpose buff with cutting and polishing compounds. Combed edges do not need breaking in or combing to hold compound. The center pin holes are reinforced with shellac (S) or leather and shellac (L/S) for a tight fit on tapered mandrels and greater durability.



Dia.	Ply	Rows of Stitching	Center Hole	Catalog No.	Suggested
1"	40	1	S	CBC1	
2"	40	1	S	CBC2	
3"	40	3	S	CBC3	
4"	40	3	S	CBC4	
4"	50	3	S	CBC45	
5"	50	3	S	CBC5-S	
5"	40	3	L/S	CBC5	
6"	40	4	L/S	CBC6	
6"	50	4	S*	CBC65	
7"	50	4	S*	CBC75	
8"	50	4	S*	CBC85	

* Extra thickness eliminates the need for leather reinforcements.

Fine Weave (80 x 80) Finex Muslin Buffs hold compounds well but the tighter weave results in longer life. The center pin holes are reinforced with shellac (S) or leather and shellac (L/S) for a tight fit on tapered mandrels and greater durability. Combed edges do not require break in or combing to hold compound. The fine weave and stitching make them durable and especially suitable for polishing with rouge.

Dia.	Ply	Rows of Stitching	Center Hole	Catalog No.	Suggested
1"	40	1	S	CBF1	
2"	40	1	S	CBF2	
3"	40	3	S	CBF3	
3"	30	3	S	CBF33	
4"	40	3	S	CBF4	
4"	30	3	S	CBF43	
4"	50	3	S	CBF45	
5"	40	3	L/S	CBF5	
5"	45	3	L/S	CBF545	
6"	30	4	L/S	CBF63	
6"	40	4	L/S	CBF6	
6"	50	4	L/S	CBF65	
7"	50	4	L/S	CBF75	

Flannel (Canton) Buffs

These cotton buffs are made with thicker, softer fabric. Excellent for final polishing with rouge on precious metals (especially good on high karat gold and silver). Center pin holes are reinforced with shellac (S) for a tight fit on tapered mandrels.



Dia.	Ply	Rows of Stitching	Center Hole	Catalog No.	Suggested
3"	20	2	S	CFB32	
3"	30	2	S	CFB3	
4"	30	3	S	CFB4	
5"	30	3	S	CFB5	
6"	30	4	S	CFB6	

Yellow Treated Cotton Buffs

Made with chemically treated extra fine (86 x 80) weave fabric, these buffs are stiffer than untreated ones. They will cut faster and last 2 to 3 times longer than white muslin buffs.

Combed edges hold compounds without break in or combing. Center pinholes are reinforced with shellac (S) or leather and shellac (L/S).



Dia.	Ply	Rows of Stitching	Center Hole	Catalog No.	Suggested
1"	16	1	S	CBY1	
3"	30	3	S	CBY33	
3"	40	3	S	CBY3	
4"	30	3	S	CBY43	
4"	40	3	S	CBY4	
4"	50	3	S	CBY45	
5"	40	3	L/S	CBY5	
5"	40	3	S	CBY5-S	
6"	40	4	L/S	CBY6	
6"	40	4	S	CBY6-S	
6"	50	4	L/S	CBY65	
6"	50	4	S	CBY65-S	
7"	50	4	L/S	CBY75	
7"	50	4	S	CBY75-S	
8"	50	4	S	CBY85	

FOREDOM® High Quality Polishing Buffs – Made in U.S.A.

Square Edge Solid Felt Buffs

Made from tightly compressed, top quality wool felt in medium and hard density. Used for polishing and lapping flat surfaces. They will hold an edge for working in angles and corners. Have pin hole centers for use on tapered mandrels. Use with all compounds for cutting or polishing.



Dia.	Thick	Hardness	Catalog No.	Suggested
2"	3/8"	Medium	SE4M	
2"	3/8"	Hard	SE4H	
3"	1/2"	Medium	SE5M	
3"	1/2"	Hard	SE5H	
4"	1/2"	Medium	SE6M	
4"	1/2"	Hard	SE6H	
6"	1"	Medium	SE8M	

Chamois Buffs

Made from the finest soft pliant chamois leather for polishing gold, silver, and other metals. Shellac (S) or leather and shellac (L/S) centers hold them firmly on tapered spindle.

Dia.	Thick	Ply	Rows of Stitching	Center Hole	Catalog No.	Suggested
1"	1/4"	6	1	S	CLB1	
2"	3/4"	12	2	L/S	CLB2	
3"	3/4"	12	3	L/S	CLB3	
4"	3/4"	18	4	L/S	CLB4	
5"	3/4"	18	5	L/S	CLB5	
6"	3/4"	18	5	L/S	CLB6	

Loose White Muslin Buffs

These buffs have only one row of stitching around the arbor hole which is reinforced with leather and shellac (L/S). Made of Finex (80 x 80 weave) muslin with combed edges. The open layers provide a softer polishing action and conform to contours and curves. Use with rouge for coloring or final polishing operations.

Dia.	Ply	Catalog No.	Suggested
3"	35	LCB35	
3"	40	LCB3	
4"	40	LCB4	
5"	50	LCB5	
6"	50	LCB6	

Razor Edge Cotton Buffs (Soft)

These are made with Finex (80 x 80 weave) with additional rows of stitching and leather and shellac (L/S) centers for added stiffness. For cutting and polishing in grooves, crevices, and inside curves.



Dia.	Ply	Center Hole	Catalog No.	Suggested Price
3"	28	L/S	CRB3	
4"	28	L/S	CRB4	
5"	36	L/S	CRB5	
6"	36	L/S	CRB6	

Razor Edge Yellow Treated Buffs

(Soft) are made with chemically treated (86 x 80 weave) muslin for added stiffness and longer life. The additional stitching and leather and shellac (L/S) centers keep wheel stiff while in use. Used for cutting and polishing in grooves, crevices, and inside curves.

Dia.	Ply	Center Hole	Catalog No.	Suggested
3"	28	L/S	CYR3	
4"	28	L/S	CYR4	
5"	36	L/S	CYR5	
6"	36	L/S	CYR6	

Knife Edge Solid Felt Buffs

Made from tightly compressed wool felt in rock hard (flint hard) density for polishing in grooves and crevices. They have pin hole centers for mounting on tapered spindles. Use with all compounds for cutting or polishing.



Dia.	Thick	Catalog No.	Suggested
1 1/2"	1/4"	KE5	
2"	1/4"	KE6	
2 1/2"	5/16"	KE7	
3"	3/8"	KE8	

FOREDOM® Polishing Buffs and Compounds – Made in U.S.A.

Small Diameter Buffs

These smaller diameter buffs can be mounted on mandrels for use in Foredom Handpieces. Muslin buffs are made from fine (80 x 80) weave muslin for use with all types of compounds and have shellac (S) reinforced center holes. The CBY1 is a yellow treated cotton buff for extra stiffness and longer wear. Felt buffs are made from wool felt in rock hard density. Chamois buff is made from soft pliant chamois leather. Use all the buffs with M1 or M13 3/32" mandrels (shown opposite page).



Cotton Buffs

Dia.	Thick	Ply	Rows of Stitching	Catalog No.	Suggested
7/8"	3/16"	16	1	CBY1	
1"	3/16"	16	1	CB2	
1 1/2"	3/16"	16	3	CB12	

Square Edge Felt Buffs

Dia.	Thick	Hardness	Catalog No.	Retail Price Per 10-Pack
1/2"	1/8"	Medium	SE1M	
1/2"	1/8"	Hard	SE1H	
1/2"	1/8"	Rock Hard	SE1RH	
5/8"	3/16"	Medium	FB4	
3/4"	1/8"	Medium	SE2M	
3/4"	1/8"	Hard	SE2H	
3/4"	1/8"	Rock Hard	SE2RH	
3/4"	1/4"	Medium	FB3	
1"	1/8"	Medium	SE3M	
1"	1/8"	Hard	SE3H	
1"	1/8"	Rock Hard	SE3RH	

Knife Edge Felt Buffs

Dia.	Thick	Hardness	Catalog No.	Per 10-Pack
1/2"	1/8"	Rock Hard	KE1	
5/8"	1/8"	Rock Hard	KE2	
3/4"	1/8"	Rock Hard	KE3	
1"	3/16"	Rock Hard	KE4	

Chamois Buff

Dia.	Thick	Ply	Rows of Stitching	Catalog No.	Suggested
1"	1/14"	6	1	CLB1	

Small Diameter Pointed Felt Cones



Dia.	Head Length	Hardness	Catalog No.	Retail Price Per 10-Pack
1/4"	1/2"	Medium	C1M	
1/4"	1/2"	Hard	C1H	
1/4"	1/2"	Rock Hard	C1RH	
3/8"	3/4"	Medium	C2M	
3/8"	3/4"	Hard	C2H	
3/8"	3/4"	Rock Hard	C2RH	
1/2"	1"	Medium	C3M	
1/2"	1"	Hard	C3H	
1/2"	1"	Rock Hard	C3RH	

Use all of the above with M3 – 3/32" mandrel.

Buffing and Polishing Compounds

Suitable for polishing precious and other metals and plastics (such as acrylic). Use with the cotton or felt buffs on this and previous pages.

Compound	Weight	Catalog No.	Suggested
Emery	4 oz. bar	4001	
Tripoli	4 oz. bar	4002	
White Rouge	4 oz. bar	4003	
Red Rouge	4 oz. bar	4004	
Kit of 4 Bars (1 each of above)	16 oz.	4000	
Emery	20 oz. bar	5001	
Tripoli	16 oz. bar	5002	
White Rouge	20 oz. bar	5003	
Red Rouge	20 oz. bar	5004	

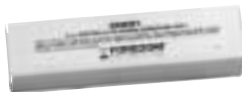
*Individual bars are packed in box with label. The 40041 is packed in plastic tube with label.

Emery (black): Contains coarse grit to remove surface imperfections, scratches, rust, corrosion, and burrs from steel, and other hard metals.

Tripoli (brown): The most popular compound for general cutting down, scratch removal, buffing, and coloring of non-ferrous metals.

White Rouge: Fast cutting, produces high gloss finish on hard metals. Made with fine, soft abrasive powder to produce a clear mirror finish on chrome, stainless steel, and carbon steel.

Red Rouge: Excellent for final coloring and a high luster on precious metals and plastics. Made with super fine abrasive powder for a brilliant finish.






Individual bars and Kit of 4 bars



FOREDOM® Mounted Brushes and Mandrels – 3/32" Shank




Brass Brushes – Made in U.S.A.

Brass Brushes can be used on ferrous and non-ferrous metal surfaces for deburring, cleaning, removing rust and corrosion, and other surface preparation work. Available in three wire thicknesses: .0025", .003", and .005". Wire is evenly distributed, held securely in steel rings, and neatly trimmed to size. Rated for use at up to 25,000 RPM.

Shape	Head Dia.	Trim Lgth.	Wire Size	Catalog No.	Suggested
 End	1/8"	1/4"	.0025"	MB4	
 Wheel	3/4"	3/16"	.003"	MB63	
 Wheel	3/4"	3/16"	.005"	MB6	





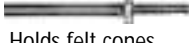

Steel Brushes – Made in U.S.A.

Steel Brushes are suitable for use on all metal surfaces for removing rust and corrosion, deburring, cleaning, edge blending, and other surface texturing and preparation. Made with .003" and .005" thick wire held securely by steel rings. Rated for use at up to 25,000 RPM.

Shape	Head Dia.	Trim Lgth.	Wire Size	Catalog No.	Suggested
 End	3/16"	1/4"	.003"	MB5	
 Wheel	3/4"	3/16"	.003"	MB73	
 Wheel	3/4"	3/16"	.005"	MB7	

Mandrels with 2.35mm (3/32") Shanks








Maximum speed rating depends on size of accessory in mandrel.

	Arbor Hole Size	Catalog No.	Suggested
	1/16"	M1	
	1/16"	M13	
	1/8"	M2	
	1/16"	M11	
 Holds felt cones.	3/32"	M3	
 Holds 1/16" (1.6mm) friction grip burs.	1/16"	M52	

*Note: Adapter for using 1/16" friction grip burs with 3/32" collet handpieces.

Bristle Brushes – Made in U.S.A.





Bristle Brushes are used to clean and prepare surfaces for buffing and polishing. They are made with natural animal hair; horse hair for stiff and goat hair for soft bristles. Brushes are securely held in steel rings, evenly distributed and trimmed. The wheel, cup, and end shapes will work on flat, curved, or hard-to-reach surfaces. Rated for use at up to 25,000 RPM.

Shape	Head Dia.	Trim Lgth.	Hardness	Color	Catalog No.	Suggested
 Cup	9/16"	5/32"	Stiff	Black	MB1	
 Wheel	9/16"	1/8"	Soft	White	MB24	
 Wheel	9/16"	1/8"	Stiff	Black	MB25	
 Wheel	3/4"	3/16"	Stiff	Grey	MB2	
 Wheel	3/4"	3/16"	Soft	White	MB23	
 End	3/16"	1/4"	Stiff	Black	MB3	
 End	1/4"	3/8"	Stiff	Black	MB35	

Dimensions are nominal and slight variations may exist.

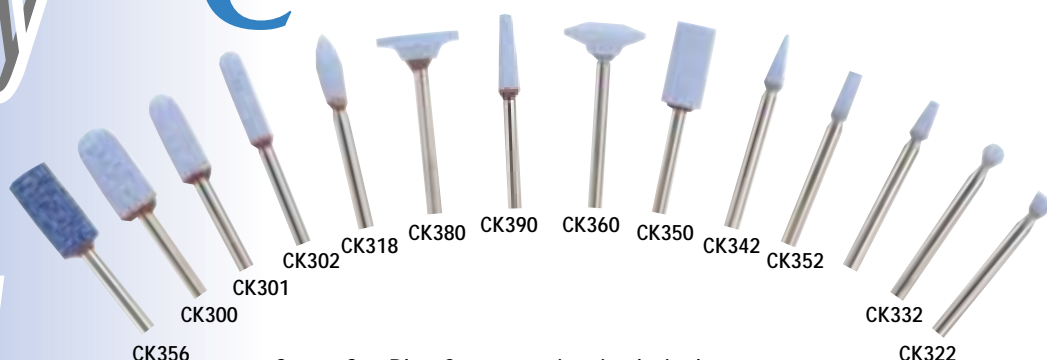
Sandpaper Split Mandrels

Maximum Speed Rating 25,000 RPM

	Head Dia.	Slot Length	Catalog No.	Suggested Retail Price
	1/8"	3/4"	M21	
	5/32"	3/4"	M22	
	5/32"	3/4"	M23	
	3/32"	7/16"	M24	

*They
Cut
and
Grind
Faster
—Last
Longer.*

CeramCut Blue™ Stones



*CeramCut Blue Stones maintain their shape and hold their cutting edge longer than any abrasive stones you now use — **Guaranteed!***

See page 4 for further information.



Carbide Sleeves and Burs

Typhoon Carbide Cutting/Sanding Sleeves cut faster and last longer than an arbor band... by more than a hundred fold!

Typhoon Burs do not clog up and are available in a variety of shapes.

See page 2 for further information.



FOREDOM®

The Foredom Electric Co.

16 Stony Hill Road, Bethel, CT 06801

203-792-8622 • Fax: 203-796-7861

e-mail: company16@aol.com

Form 501 n 1/00

Your Foredom Distributor

Printed in U.S.A.