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Order via phone, email or fax. Phone: 800.321.8512

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FREIGHT

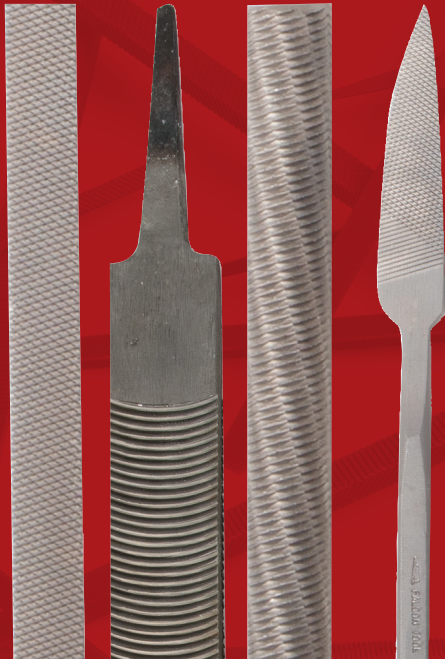
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RETURNED MERCHANDISE POLICY

Returns must be authorized by a Falcon Representative within one week of receipt of merchandise. Unauthorized returns will not be accepted. Items returned are subject to a 25% restocking fee.

NOTE: Prices in this catalog are the prices current at the time of printing. All prices are subject to change without notice.

FILES



Falcon Tool Company offers an unrivaled array of Swiss Files, Rifflers, Die Sinker Files, American Pattern Files, Needle Files and more! Known for their quality and reliability, Falcon Tool Files are an excellent choice for metalworking, casting, cleaning, engraving, woodworking, polishing and many other applications within the industrial, jewelry, dental and hobby industries.

FILE TYPES

DIE SINKERS RIFFLERS

Double-ended files for metal removal & smoothing in tight places.

SILVERSMITH RIFFLERS

Heavier version of our Swiss Die Sinkers Rifflers.

DIE MAKERS RIFFLERS

Corrosion resistant, double-ended files with long, efficient life.

SINGLE END RIFFLERS

4" single end rifflers for use by hand or in reciprocating profilers.

STEEL FILES FOR DIE PROFILERS

Precision cut steel files provide long service, for use in a die profiler.

NEEDLE FILES – ROUND HANDLE

Precision files with a smooth round handle for exacting work.

NEEDLE FILES – KNURLED HANDLE

Precision files with a knurled round handle to aid with grip.

SWISS PRECISION FILES

Easy to use precision files with a long life expectancy.

SWISS PARALLEL MACHINE FILES

Wide variety of parallel files, cuts on either down stroke or up stroke.

AMERICAN PATTERN FILES

Used for rapid metal removal on sharp corners, shoulders and flat surfaces.

FILE HOLDERS & HANDLES

Variety of holders and handles for our extensive line of files.

FILE CARDS

For general cleaning of file teeth.

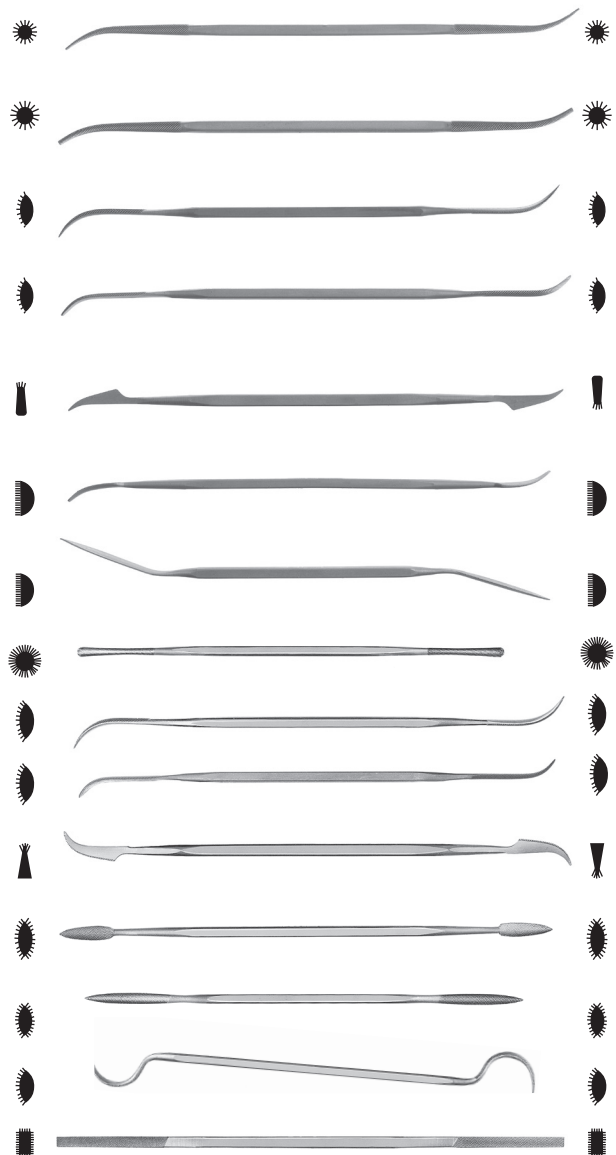


Falcon Tool's Die Sinkers Rifflers are double-ended files used for removing metal and smoothing tight areas and hard-to-reach surfaces. Teeth are cut on small areas at the ends of each file leaving a long middle portion as a handle. Available in 6" and 7" overall lengths and cuts 0, 2, 4 and 6.

Originally used and hand forged by die sinkers, die makers, silversmiths, etc., in shapes and cross-sections appropriate to their work, Riffler Files are great for hard-to-reach surfaces and for detail finishing on molds, castings and engravings.

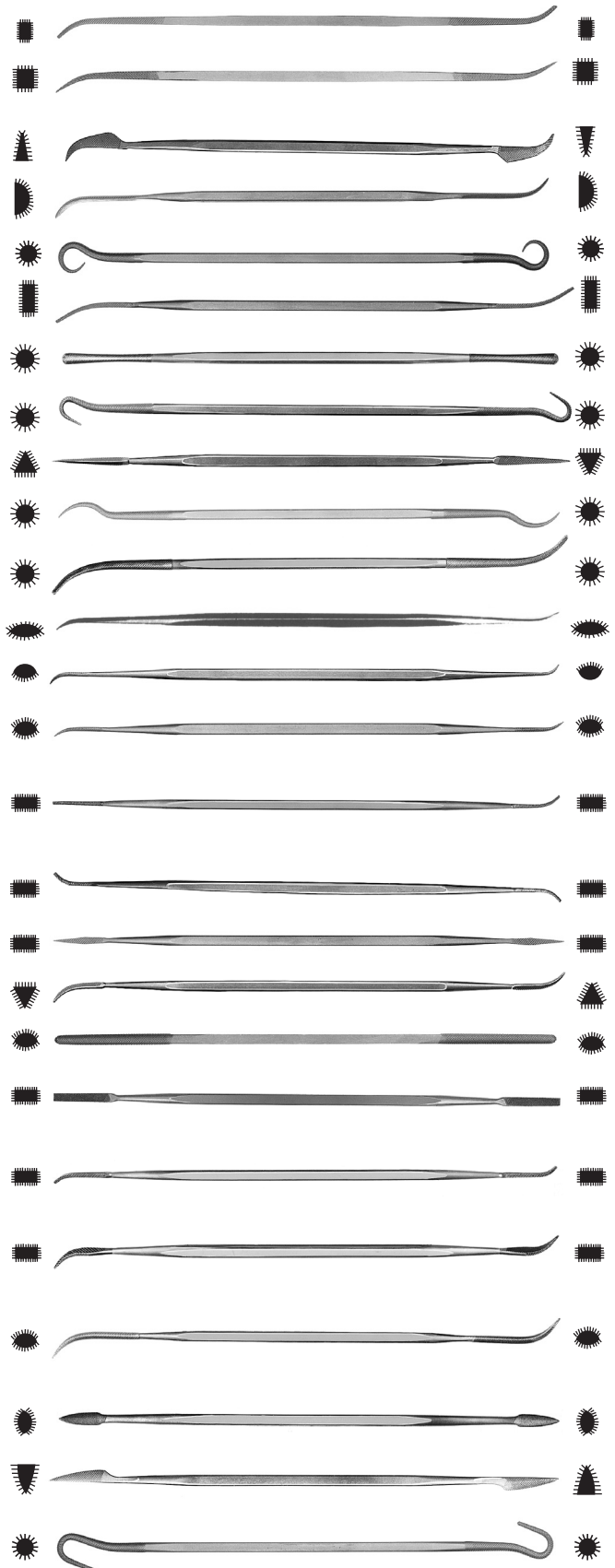
DIE SINKERS RIFFLERS

	Length	Cut 0	Cut 2	Cut 4	Cut 6
1	6"	01A-DSR1000	01A-DSR1100	01A-DSR1200	-
	7"	01A-DSR5000	-	-	-
2	6"	01A-DSR1001	01A-DSR1101	01A-DSR1201	01A-DSR1301
	7"	01A-DSR5001	01A-DSR5101	01A-DSR5201	-
3	6"	01A-DSR1002	01A-DSR1102	01A-DSR1202	01A-DSR1302
	7"	01A-DSR5002	01A-DSR5102	01A-DSR5202	-
4	6"	01A-DSR1003	01A-DSR1103	01A-DSR1203	01A-DSR1303
	7"	01A-DSR5003	01A-DSR5103	-	-
6	6"	01A-DSR1005	01A-DSR1105	01A-DSR1205	01A-DSR1305
	7"	01A-DSR5004	-	-	-
7	6"	01A-DSR1006	01A-DSR1106	01A-DSR1206	01A-DSR1306
	7"	01A-DSR5005	-	01A-DSR5205	-
8	6"	01A-DSR1007	01A-DSR1107	01A-DSR1207	01A-DSR1307
	7"	01A-DSR5006	01A-DSR5106	-	-
9	6"	01A-DSR1008	01A-DSR1108	01A-DSR1208	01A-DSR1308
	7"	01A-DSR5007	01A-DSR5107	-	-
10	6"	01A-DSR1009	01A-DSR1109	01A-DSR1209	01A-DSR1309
11	6"	01A-DSR1010	01A-DSR1110	01A-DSR1210	01A-DSR1310
12	6"	01A-DSR1011	01A-DSR1111	01A-DSR1211	01A-DSR1311
	7"	01A-DSR5008	01A-DSR5108	01A-DSR5208	-
14	6"	01A-DSR1013	-	01A-DSR1213	01A-DSR1313
	7"	01A-DSR5009	01A-DSR5109	-	-
15	6"	01A-DSR1014	01A-DSR1114	01A-DSR1214	01A-DSR1314
16	6"	01A-DSR1015	01A-DSR1115	01A-DSR1215	01A-DSR1315
	7"	01A-DSR5010	01A-DSR5110	01A-DSR5210	-
17	6"	01A-DSR1016	01A-DSR1116	01A-DSR1216	01A-DSR1316



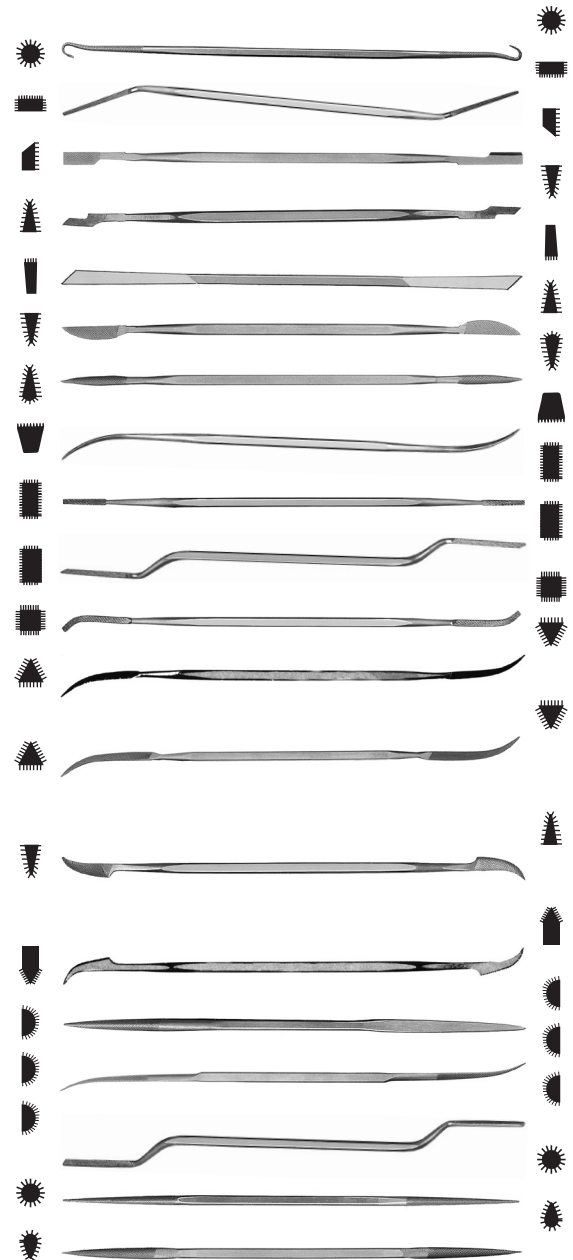
DIE SINKERS RIFFLERS

	Length	Cut 0	Cut 2	Cut 4	Cut 6
18	6"	01A-DSR1017	01A-DSR1117	01A-DSR1217	01A-DSR1317
19	6"	01A-DSR1018	01A-DSR1118	01A-DSR1218	01A-DSR1318
21	6"	01A-DSR1020	01A-DSR1120	01A-DSR1220	01A-DSR1320
35	6"	01A-DSR1022	01A-DSR1122	01A-DSR1222	01A-DSR1322
80	6"	01A-DSR1028	01A-DSR1128	01A-DSR1228	01A-DSR1328
96	6"	01A-DSR1029	01A-DSR1129	01A-DSR1229	01A-DSR1329
101	6"	01A-DSR1030	01A-DSR1130	01A-DSR1230	01A-DSR1330
102	6"	01A-DSR1031	01A-DSR1131	01A-DSR1231	01A-DSR1331
104	6"	01A-DSR1033	01A-DSR1133	01A-DSR1233	-
105	6"	01A-DSR1034	01A-DSR1134	01A-DSR1234	-
108	6"	-	01A-DSR1136	01A-DSR1236	01A-DSR1336
112	6"	01A-DSR1037	01A-DSR1137	01A-DSR1237	01A-DSR1337
116	6"	01A-DSR1038	01A-DSR1138	01A-DSR1238	01A-DSR1338
123	6"	01A-DSR1041	01A-DSR1141	01A-DSR1241	01A-DSR1341
	6"	01A-DSR1042	01A-DSR1142	01A-DSR1242	01A-DSR1342
125	7"	01A-DSR5011	01A-DSR5111	-	-
126	6"	01A-DSR1043	01A-DSR1143	01A-DSR1243	01A-DSR1343
128	6"	01A-DSR1045	01A-DSR1145	01A-DSR1245	01A-DSR1345
131	6"	01A-DSR1046	01A-DSR1146	01A-DSR1246	01A-DSR1346
152	6"	01A-DSR1050	01A-DSR1150	01A-DSR1250	01A-DSR1350
153	6"	01A-DSR1051	01A-DSR1151	01A-DSR1251	01A-DSR1351
	6"	01A-DSR1052	01A-DSR1152	01A-DSR1252	01A-DSR1352
154	7"	01A-DSR5012	01A-DSR5112	01A-DSR5212	-
160	6"	01A-DSR1055	01A-DSR1155	01A-DSR1255	01A-DSR1355
	6"	01A-DSR1060	01A-DSR1160	01A-DSR1260	01A-DSR1360
167	7"	01A-DSR5013	01A-DSR5113	01A-DSR5213	-
172	6"	01A-DSR1063	01A-DSR1163	01A-DSR1263	01A-DSR1363
173	6"	01A-DSR1064	01A-DSR1164	01A-DSR1264	01A-DSR1364
	6"	01A-DSR1067	01A-DSR1167	01A-DSR1267	01A-DSR1367
197	7"	01A-DSR5014	01A-DSR5114	01A-DSR5214	-



DIE SINKERS RIFFLERS

	Length	Cut 0	Cut 2	Cut 4	Cut 6
198	6"	01A-DSR1068	01A-DSR1168	01A-DSR1268	01A-DSR1368
201	6"	01A-DSR1069	01A-DSR1169	01A-DSR1269	01A-DSR1369
204	6"	01A-DSR1071	01A-DSR1171	01A-DSR1271	01A-DSR1371
205	6"	01A-DSR1072	01A-DSR1172	01A-DSR1272	01A-DSR1372
206	6"	01A-DSR1073	01A-DSR1173	01A-DSR1273	01A-DSR1373
207	6"	01A-DSR1074	01A-DSR1174	-	-
209	6"	01A-DSR1075	01A-DSR1175	01A-DSR1275	01A-DSR1375
12901	6"	01A-DSR1077	01A-DSR1177	01A-DSR1277	01A-DSR1377
12910	6"	01A-DSR1078	01A-DSR1178	01A-DSR1278	01A-DSR1378
12918	6"	-	01A-DSR1179	01A-DSR1279	01A-DSR1379
12931	6"	01A-DSR1080	01A-DSR1180	01A-DSR1280	01A-DSR1380
12942	6"	01A-DSR1081	01A-DSR1181	01A-DSR1281	01A-DSR1381
12943	6"	-	01A-DSR1182	01A-DSR1282	01A-DSR1382
	7"	01A-DSR5015	01A-DSR5115	-	-
12955	6"	01A-DSR1083	01A-DSR1183	-	01A-DSR1383
	7"	01A-DSR5016	01A-DSR5116	-	-
12958	6"	01A-DSR1084	01A-DSR1184	01A-DSR1284	01A-DSR1384
12960	6"	01A-DSR1085	01A-DSR1185	01A-DSR1285	01A-DSR1385
12961	6"	01A-DSR1086	01A-DSR1186	01A-DSR1286	01A-DSR1386
12962	6"	01A-DSR1087	01A-DSR1187	01A-DSR1287	01A-DSR1387
12980	6"	01A-DSR1088	-	01A-DSR1288	01A-DSR1388
12991	6"	01A-DSR1089	01A-DSR1189	01A-DSR1289	01A-DSR1389



ABRASIVE STONES

CUTTING TOOLS

MOUNTED POINTS & WHEELS

DIAMOND TOOLS

ABRASIVES

COMPOUNDS

BRUSHES, WOOD STICKS & FELT

EQUIPMENT

VISION EQUIPMENT & MISC TOOLS

FILES ARE AVAILABLE IN LIMITED QUANTITIES AND MAY BE DISCONTINUED WITHOUT NOTIFICATION	DIE SINKERS RIFFLERS ARE SOLD INDIVIDUALLY	QUANTITY DISCOUNT FOR DIE SINKERS RIFFLERS 10% FOR 10 OR MORE 12% FOR 50 OR MORE
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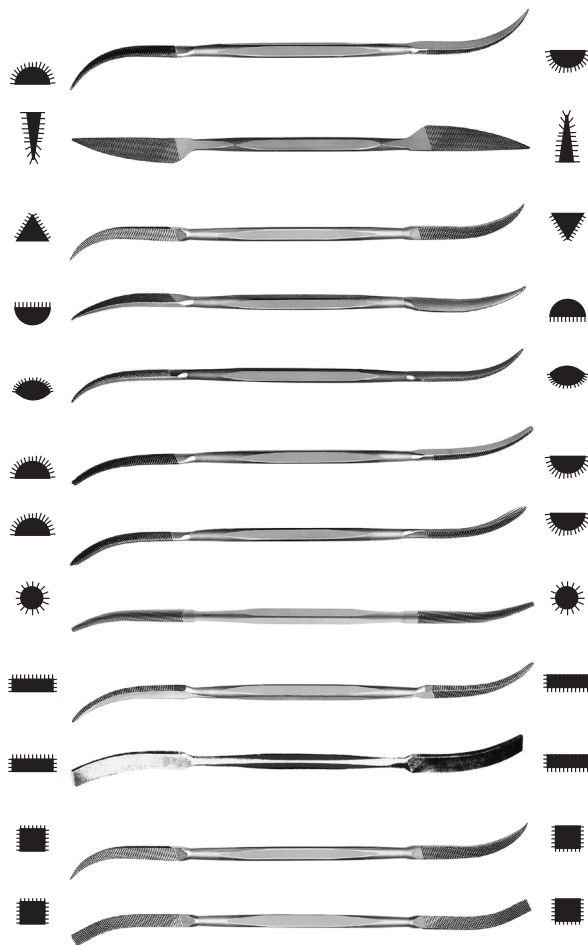


Falcon Tool's Die Makers & Silversmith Rifflers are heavier double-ended files designed for removing metal and smoothing in tight places and hard-to-reach areas. Teeth are cut on small areas at the ends of each file leaving a long middle portion as a handle. Overall length is 7". Available in cuts 0 and 2.

Originally used and hand forged by die sinkers, die makers, silversmiths, etc., in shapes and cross-sections appropriate to their work, Riffler Files are great for hard-to-reach surfaces and for detail finishing on molds, castings, and engravings.

DIE MAKERS & SILVERSMITH RIFFLERS

	Length	Cut 0	Cut 2
1	7"	01B-SSR1000	01B-SSR1100
2	7"	01B-SSR1001	01B-SSR1101
3	7"	01B-SSR1002	01B-SSR1102
4	7"	01B-SSR1003	01B-SSR1103
5	7"	01B-SSR1004	01B-SSR1104
6	7"	01B-SSR1005	01B-SSR1105
7	7"	01B-SSR1006	01B-SSR1106
8	7"	01B-SSR1007	01B-SSR1107
9	7"	01B-SSR1008	01B-SSR1108
10	7"	01B-SSR1009	01B-SSR1109
11	7"	01B-SSR1010	01B-SSR1110
12	7"	01B-SSR1011	01B-SSR1111



FILES ARE AVAILABLE IN LIMITED QUANTITIES AND MAY BE DISCONTINUED WITHOUT NOTIFICATION

DIE MAKERS & SILVERSMITH RIFFLERS ARE SOLD INDIVIDUALLY

QUANTITY DISCOUNT FOR DIE MAKERS & SILVERSMITH RIFFLERS
 10% FOR 10 OR MORE
 12% FOR 50 OR MORE

	Length	Cut 0	Cut 2
12700	7"	01B-SSR1012	01B-SSR1112
12701	7"	01B-SSR1013	01B-SSR1113
12710	7"	-	01B-SSR1114
12712	7"	01C-DMR1005	01C-DMR1105
12730	7"	01B-SSR1015	01B-SSR1115
12740	7"	01B-SSR1016	01B-SSR1116
12760	7"	01B-SSR1017	01B-SSR1117
12770	7"	01B-SSR1018	01B-SSR1118
12782	7"	01B-SSR1020	01B-SSR1120
12783	7"	01B-SSR1021	01B-SSR1121
12790	7"	01B-SSR1022	01B-SSR1122
12795	7"	01C-DMR1024	01C-DMR1124
12796	7"	01B-SSR1023	01B-SSR1123



ABRASIVE STONES

CUTTING TOOLS

MOUNTED POINTS & WHEELS

DIAMOND TOOLS

ABRASIVES

COMPOUNDS

BRUSHES, WOOD STICKS & FELT

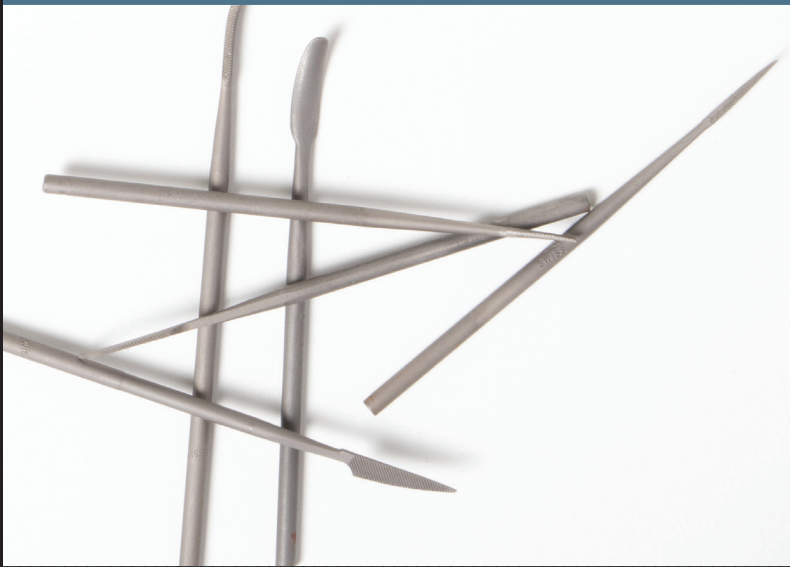
EQUIPMENT

VISION EQUIPMENT & MISC TOOLS

FILES ARE AVAILABLE IN LIMITED QUANTITIES AND MAY BE DISCONTINUED WITHOUT NOTIFICATION

DIE MAKERS & SILVERSMITH RIFFLERS ARE SOLD INDIVIDUALLY

QUANTITY DISCOUNT FOR DIE MAKERS & SILVERSMITH RIFFLERS
 10% FOR 10 OR MORE
 12% FOR 50 OR MORE



Falcon Tool's Single End Rifflers are 4" long with an 1/8" shank designed for use either by hand or in a die profiling machine such as our Die Profiler. Riffler Files are engineered for removing metal and smoothing in tight places and hard-to-reach areas. Available in cuts 0, 2 and 4.

Originally used and hand forged by die sinkers, die makers, silversmiths, etc., in shapes and cross-sections appropriate to their work, Riffler Files are great for hard-to-reach surfaces and for detail finishing on molds, castings, and engravings. See Needle File Handle Holder for 1/8" tools on page 15 and other holder options on page 26.

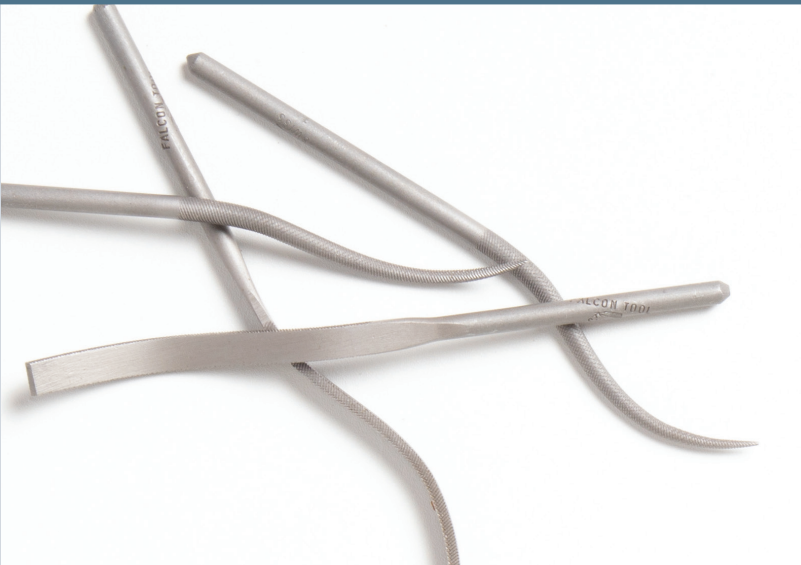
SINGLE END RIFFLERS FOR HAND USE OR DIE PROFILER

	Length	Cut 0	Cut 2	Cut 4		
701	4"	01D-SER1000	01D-SER1100	01D-SER1200		
702	4"	01D-SER1001	01D-SER1101	01D-SER1201		
703	4"	01D-SER1002	01D-SER1102	01D-SER1202		
704	4"	01D-SER1003	01D-SER1103	01D-SER1203		
705	4"	01D-SER1004	01D-SER1104	01D-SER1204		
706	4"	01D-SER1005	01D-SER1105	01D-SER1205		
707	4"	01D-SER1006	01D-SER1106	-		
708	4"	01D-SER1007	01D-SER1107	01D-SER1207		
709	4"	01D-SER1008	01D-SER1108	01D-SER1208		
710	4"	01D-SER1009	01D-SER1109	01D-SER1209		
711	4"	01D-SER1010	01D-SER1110	01D-SER1210		
712	4"	01D-SER1011	01D-SER1111	01D-SER1211		
713	4"	01D-SER1012	01D-SER1112	01D-SER1212		
714	4"	01D-SER1013	-	01D-SER1213		
715	4"	01D-SER1014	01D-SER1114	01D-SER1214		
716	4"	01D-SER1015	01D-SER1115	01D-SER1215		

FILES ARE AVAILABLE IN LIMITED QUANTITIES AND MAY BE DISCONTINUED WITHOUT NOTIFICATION

SINGLE END RIFFLERS ARE SOLD INDIVIDUALLY



































QUANTITY DISCOUNT FOR SINGLE END RIFFLERS
 10% FOR 10 OR MORE
 12% FOR 50 OR MORE



Falcon Tool's Steel Files for use with a Die Profiler are made of fine quality steel and are precision cut to provide long service. They are available in a wide variety of shapes in Cut 00 (Coarse) and Cut 1 (Medium).

Needle Files have 3/32" shanks, Swiss Pattern Files and Steel Riffles Files all have 1/8" shanks.

STEEL FILES FOR USE WITH DIE PROFILER

Type	Size	Shape	Cut 00	Cut 1			
Swiss Pattern Files	STL-1	.060 Thick x .195 Wide	Flat	01M-STL1600	01M-STL1601		
	STL-2	.120 Dia. Max	Round	01M-STL1700	01M-STL1701		
	STL-3		Half Round	01M-STL1800	01M-STL1801		
	STL-4		Crossing	01M-STL1900	01M-STL1901		
	STL-5		Triangular	01M-STL2000	01M-STL2001		
	STL-6	.105 Sq. Max	Square	-	01M-STL2101		
	STL-101	.100 Thick x .400 Wide	Flat	01M-STL2200	01M-STL2201		
Riffler Files	STL-11	.065 Thick x .165 Wide	Flat	01M-STL2300	01M-STL2301		
	STL-12		Round	01M-STL2400	01M-STL2401		
	STL-14		Crossing	01M-STL2500	01M-STL2501		
	STL-16		Square	01M-STL2600	01M-STL2601		
Needle Files	STL-21	.040 Thick x .135 Wide	Flat	01M-STL1000	01M-STL1001		
	STL-22	.085 Dia. Max	Round	01M-STL1100	01M-STL1101		
	STL-23	.055 Thick x .130 Wide	Half Round	01M-STL1200	01M-STL1201		
	STL-24	.060 Thick x .130 Wide	Crossing	01M-STL1300	01M-STL1301		
	STL-25	.100 Wide per side	Triangular	01M-STL1400	01M-STL1401		
	STL-26	.078 Max Sq.	Square	01M-STL1500	01M-STL1501		

FILES ARE AVAILABLE IN LIMITED QUANTITIES AND MAY BE DISCONTINUED WITHOUT NOTIFICATION






STEEL FILES ARE SOLD INDIVIDUALLY

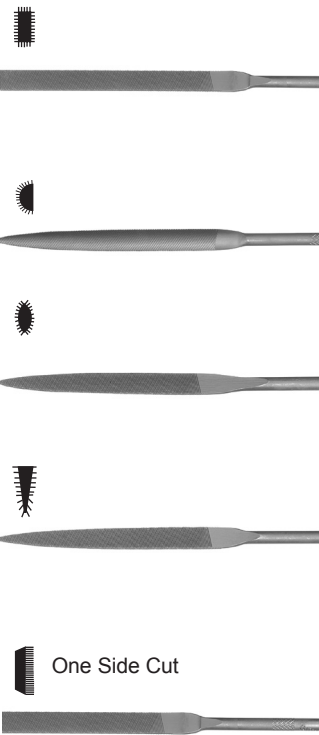
QUANTITY DISCOUNT FOR STEEL FILES
10% FOR 10 OR MORE
12% FOR 50 OR MORE



Falcon Tool's Needle Files are made with high quality steel and offer a smooth, round handle. They are made to exacting tolerances and are ideal for making ultra-fine modifications to metal parts. Needle Files are used by mold makers, jewelers, musical instrument manufacturers, and other craftsmen for precise finishing on small surfaces. Available in a wide variety of shapes, sizes, and cuts. See Needle File Handle Holder for 1/8" tools on page 15 and other holder options on page 26.

NEEDLE FILES WITH ROUND HANDLES

	Length	Cut 00	Cut 0	Cut 1	Cut 2	Cut 3	Cut 4	
Equalling	4"	-	01F-RHD1000	01F-RHD1100	01F-RHD1200	01F-RHD1300	01F-RHD1400	
	5-1/2"	-	01F-RHD2100	01F-RHD2200	-	01F-RHD2400	01F-RHD2500	
	6-1/4"	01F-RHD3000	01F-RHD3100	-	01F-RHD3300	01F-RHD3400	01F-RHD3500	
	7-3/4"	-	01F-RHD4000	01F-RHD4100	01F-RHD4200	01F-RHD4300	-	
Half Round	4"	-	-	01F-RHD1101	01F-RHD1201	01F-RHD1301	01F-RHD1401	
	5-1/2"	-	-	01F-RHD2201	-	01F-RHD2401	01F-RHD2501	
	6-1/4"	-	01F-RHD3101	01F-RHD3201	-	01F-RHD3401	01F-RHD3501	
	7-3/4"	-	-	01F-RHD4101	01F-RHD4201	01F-RHD4301	01F-RHD4401	
Crossing	4"	-	01F-RHD1002	01F-RHD1102	01F-RHD1202	01F-RHD1302	-	
	5-1/2"	01F-RHD2002	01F-RHD2102	01F-RHD2202	01F-RHD2302	01F-RHD2402	01F-RHD2502	
	6-1/4"	01F-RHD3002	01F-RHD3102	01F-RHD3202	01F-RHD3302	01F-RHD3402	01F-RHD3502	
	7-3/4"	-	01F-RHD4002	01F-RHD4102	01F-RHD4202	01F-RHD4302	01F-RHD4402	
Knife	4"	-	01F-RHD1003	-	01F-RHD1203	01F-RHD1303	01F-RHD1403	
	5-1/2"	01F-RHD2003	01F-RHD2103	01F-RHD2203	01F-RHD2303	01F-RHD2403	01F-RHD2503	
	6-1/4"	01F-RHD3003	-	01F-RHD3203	01F-RHD3303	01F-RHD3403	01F-RHD3503	
	7-3/4"	-	01F-RHD4003	01F-RHD4103	01F-RHD4203	01F-RHD4303	01F-RHD4403	
Flat Bevel Edge	Length	Cut 0	Cut 2	Cut 4				
	6-1/4"	01G-RKH3017	01G-RKH3117	01G-RKH3217				



































One Side Cut

FILES ARE AVAILABLE IN LIMITED QUANTITIES AND MAY BE DISCONTINUED WITHOUT NOTIFICATION

NEEDLE FILES ARE SOLD INDIVIDUALLY

QUANTITY DISCOUNT FOR NEEDLE FILES
10% FOR 10 OR MORE
12% FOR 50 OR MORE

NEEDLE FILES WITH ROUND HANDLES

	Length	Cut 00	Cut 0	Cut 1	Cut 2	Cut 3	Cut 4	
Warding	4"	–	01F-RHD1004	01F-RHD1104	01F-RHD1204	01F-RHD1304	01F-RHD1404	
	5-1/2"	01F-RHD2004	01F-RHD2104	01F-RHD2204	01F-RHD2304	01F-RHD2404	01F-RHD2504	
	6-1/4"	01F-RHD3004	01F-RHD3104	01F-RHD3204	01F-RHD3304	01F-RHD3404	01F-RHD3504	
	7-3/4"	–	01F-RHD4004	01F-RHD4104	01F-RHD4204	01F-RHD4304	01F-RHD4404	
Three Square	4"	–	01E-SNF1005	01F-RHD1105	01F-RHD1205	01F-RHD1305	01F-RHD1405	
	5-1/2"	–	–	–	01F-RHD2305	–	01F-RHD2505	
	6-1/4"	01F-RHD3005	01F-RHD3105	01F-RHD3205	–	01F-RHD3405	01F-RHD3505	
	7-3/4"	–	01F-RHD4005	01F-RHD4105	01F-RHD4205	01F-RHD4305	01F-RHD4405	
Square	4"	–	01F-RHD1006	01F-RHD1106	01F-RHD1206	01F-RHD1306	01F-RHD1406	
	5-1/2"	01F-RHD2006	01F-RHD2106	01F-RHD2206	01F-RHD2306	01F-RHD2406	01F-RHD2506	
	6-1/4"	01F-RHD3006	01F-RHD3106	01F-RHD3206	–	01F-RHD3406	01F-RHD3506	
	7-3/4"	–	01F-RHD4006	01F-RHD4106	01F-RHD4206	01F-RHD4306	01F-RHD4406	
Oval	4"	–	01F-RHD1007	01F-RHD1107	01F-RHD1207	01F-RHD1307	01F-RHD1407	
	5-1/2"	01F-RHD2007	01F-RHD2107	01F-RHD2207	01F-RHD2307	01F-RHD2407	01F-RHD2507	
	6-1/4"	01F-RHD3007	01F-RHD3107	01F-RHD3207	01F-RHD3307	01F-RHD3407	01F-RHD3507	
	7-3/4"	–	01F-RHD4007	01F-RHD4107	01F-RHD4207	01F-RHD4307	01F-RHD4407	
Round	4"	–	–	01F-RHD1108	01F-RHD1208	01F-RHD1308	01F-RHD1408	
	5-1/2"	01F-RHD2008	01F-RHD2108	01F-RHD2208	01F-RHD2308	01F-RHD2408	–	
	6-1/4"	01F-RHD3008	–	01F-RHD3208	01F-RHD3308	01F-RHD3408	01F-RHD3508	
	7-3/4"	–	01F-RHD4008	01F-RHD4108	01F-RHD4208	01F-RHD4308	–	
Barrette	4"	–	–	01F-RHD1109	01F-RHD1209	01F-RHD1309	01F-RHD1409	
	5-1/2"	01F-RHD2009	01F-RHD2109	01F-RHD2209	01F-RHD2309	01F-RHD2409	01F-RHD2509	
	6-1/4"	–	–	01F-RHD3209	01F-RHD3309	01F-RHD3409	01F-RHD3509	
	7-3/4"	–	01F-RHD4009	01F-RHD4109	01F-RHD4209	01F-RHD4309	01F-RHD4409	
Crochet	4"	–	01F-RHD1010	–	01F-RHD1210	01F-RHD1310	01F-RHD1410	
	5-1/2"	01F-RHD2010	01F-RHD2110	01F-RHD2210	01F-RHD2310	01F-RHD2410	01F-RHD2510	
	6-1/4"	01F-RHD3010	01F-RHD3110	01F-RHD3210	01F-RHD3310	01F-RHD3410	01F-RHD3510	
	7-3/4"	–	01F-RHD4010	01F-RHD4110	01F-RHD4210	01F-RHD4310	01F-RHD4410	
Pillar Round Edges	4"	–	01F-RHD1011	01F-RHD1111	01F-RHD1211	01F-RHD1311	01F-RHD1411	
	5-1/2"	01F-RHD2011	01F-RHD2111	01F-RHD2211	01F-RHD2311	01F-RHD2411	01F-RHD2511	
	6-1/4"	–	01F-RHD3111	01F-RHD3211	01F-RHD3311	01F-RHD3411	01F-RHD3511	
	7-3/4"	–	01F-RHD4011	01F-RHD4111	01F-RHD4211	01F-RHD4311	–	

ABRASIVE
STONESCUTTING
TOOLSMOUNTED POINTS
& WHEELSDIAMOND
TOOLS

ABRASIVES

COMPOUNDS

BRUSHES, WOOD
STICKS & FELT

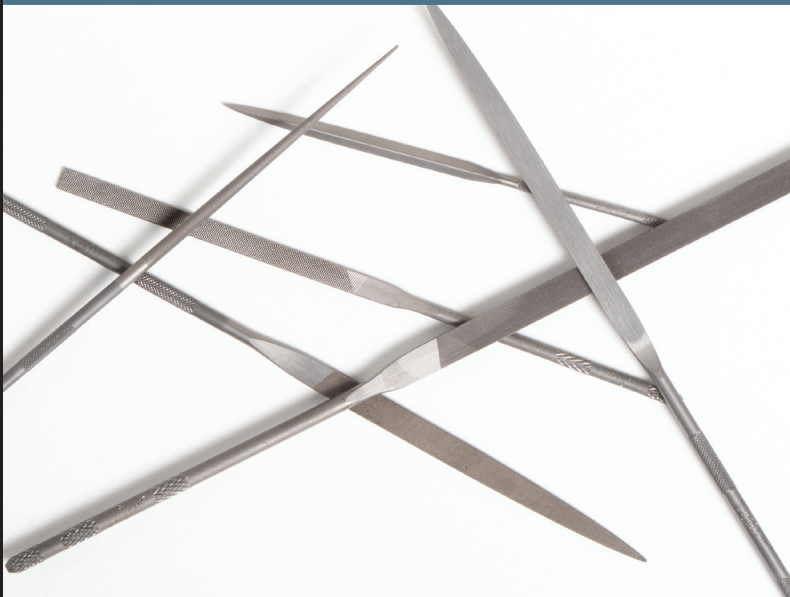
EQUIPMENT

VISION EQUIPMENT
& MISC TOOLS

FILES ARE AVAILABLE IN LIMITED
QUANTITIES AND MAY BE DISCONTINUED
WITHOUT NOTIFICATION


NEEDLE FILES
ARE SOLD INDIVIDUALLY

QUANTITY DISCOUNT FOR NEEDLE FILES
10% FOR 10 OR MORE
12% FOR 50 OR MORE



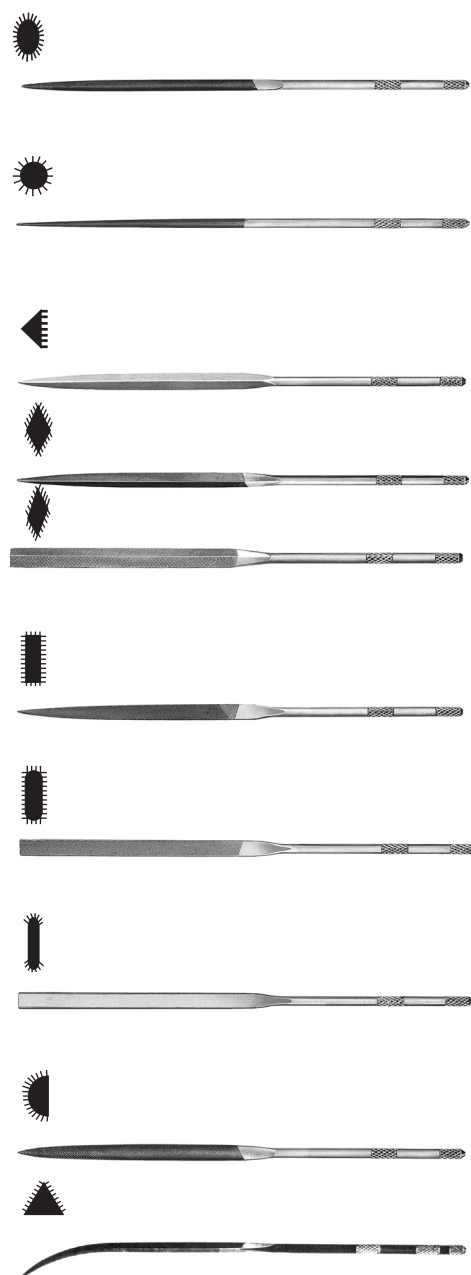
Falcon Tool's Needle Files are made with high quality steel and offer a knurled handle to aid with grip. They are made to exacting tolerances and are ideal for making ultra-fine modifications to metal parts. Needle Files are used by mold makers, jewelers, musical instrument manufacturers, and other craftsmen for precise finishing on small surfaces. Available in a wide variety of shapes, sizes, and cuts. See Needle File Handle Holder for 1/8" tools on page 15 and other holder options on page 26.

NEEDLE FILES WITH KNURLED HANDLES

	Length	Cut 0	Cut 2	Cut 4	Cut 6	
Pillar	4"	01G-RKH1000	01G-RKH1100	01G-RKH1200	01G-RKH1300	
	5-1/2"	01G-RKH2000	01G-RKH2100	01G-RKH2200	01G-RKH2300	
	6-1/4"	01G-RKH3000	01G-RKH3100	01G-RKH3200	01G-RKH3300	
	7-3/4"	01G-RKH4000	01G-RKH4100	01G-RKH4200	-	
Half Round	4"	01G-RKH1001	01G-RKH1101	01G-RKH1201	01G-RKH1301	
	5-1/2"	01G-RKH2001	01G-RKH2101	01G-RKH2201	01G-RKH2301	
	6-1/4"	01G-RKH3001	01G-RKH3101	01G-RKH3201	01G-RKH3301	
	7-3/4"	01G-RKH4001	01G-RKH4101	01G-RKH4201	-	
Crossing	4"	01G-RKH1002	01G-RKH1102	01G-RKH1202	01G-RKH1302	
	5-1/2"	01G-RKH2002	01G-RKH2102	01G-RKH2202	01G-RKH2302	
	6-1/4"	01G-RKH3002	01G-RKH3102	01G-RKH3202	01G-RKH3302	
	7-3/4"	01G-RKH4002	01G-RKH4102	01G-RKH4202	-	
Knife	4"	01G-RKH1003	01G-RKH1103	01G-RKH1203	01G-RKH1303	
	5-1/2"	01G-RKH2003	01G-RKH2103	01G-RKH2203	01G-RKH2303	
	6-1/4"	01G-RKH3003	01G-RKH3103	01F-RKH3203	01G-RKH3303	
	7-3/4"	01G-RKH4003	01G-RKH4103	01G-RKH4203	-	
Warding	4"	01G-RKH1004	01G-RKH1104	01G-RKH1204	01G-RKH1304	
	5-1/2"	01G-RKH2004	01G-RKH2104	01G-RKH2204	01G-RKH2304	
	6-1/4"	01G-RKH3004	01G-RKH3104	01G-RKH3204	01G-RKH3304	
	7-3/4"	01G-RKH4004	01G-RKH4104	01G-RKH4204	-	
Three Square	4"	01G-RKH1005	01G-RKH1105	01G-RKH1205	01G-RKH1305	
	5-1/2"	01G-RKH2005	01G-RKH2105	01G-RKH2205	01G-RKH2305	
	6-1/4"	01G-RKH3005	01G-RKH3105	01G-RKH3205	01G-RKH3305	
	7-3/4"	01G-RKH4005	01G-RKH4105	01G-RKH4205	01G-RKH4305	
Square	4"	01G-RKH1006	01G-RKH1106	01G-RKH1206	01G-RKH1306	
	5-1/2"	01G-RKH2006	01G-RKH2106	01G-RKH2206	01G-RKH2306	
	6-1/4"	01G-RKH3006	01G-RKH3106	01G-RKH3206	01G-RKH3306	
	7-3/4"	01G-RKH4006	01G-RKH4106	01G-RKH4206	-	

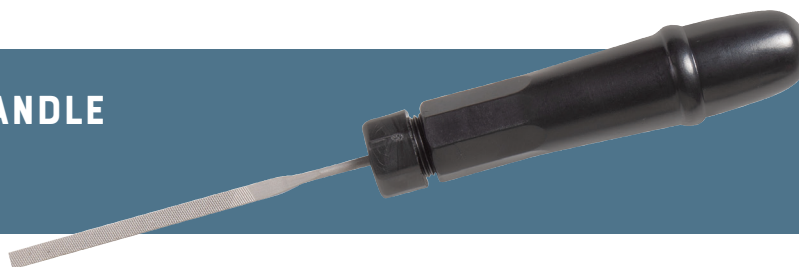
NEEDLE FILES WITH KNURLED HANDLES

	Length	Cut 0	Cut 2	Cut 4	Cut 6
Oval	4"	01G-RKH1007	01G-RKH1107	01G-RKH1207	01G-RKH1307
	5-1/2"	01G-RKH2007	01G-RKH2107	01G-RKH2207	01G-RKH2307
	6-1/4"	01G-RKH3007	01G-RKH3107	01G-RKH3207	01G-RKH3307
	7-3/4"	01G-RKH4007	01G-RKH4107	01G-RKH4207	-
Round	4"	01G-RKH1008	01G-RKH1108	01G-RKH1208	01G-RKH1308
	5-1/2"	01G-RKH2008	01G-RKH2108	01G-RKH2208	-
	6-1/4"	01G-RKH3008	01G-RKH3108	01G-RKH3208	01G-RKH3308
	7-3/4"	01G-RKH4008	01G-RKH4108	01G-RKH4208	-
Barrette	4"	01G-RKH1009	01G-RKH1109	-	01G-RKH1309
	5-1/2"	01G-RKH2009	01G-RKH2109	01G-RKH2209	01G-RKH2309
	6-1/4"	01G-RKH3009	01G-RKH3109	01G-RKH3209	01G-RKH3309
	7-3/4"	01G-RKH4009	01G-RKH4109	01G-RKH4209	-
Cant	6-1/4"	01G-RKH3010	01G-RKH3110	01G-RKH3210	01G-RKH3310
Slitting	4"	01G-RKH1011	01G-RKH1111	01G-RKH1211	01G-RKH1311
	5-1/2"	01G-RKH2011	01G-RKH2111	01G-RKH2211	01G-RKH2311
	6-1/4"	01G-RKH3011	01G-RKH3111	01G-RKH3211	01G-RKH3311
Crochet	4"	01G-RKH1012	01G-RKH1112	01G-RKH1212	-
	5-1/2"	01G-RKH2012	01G-RKH2112	01G-RKH2212	01G-RKH2312
	6-1/4"	01G-RKH3012	01G-RKH3112	01G-RKH3212	01G-RKH3312
	7-3/4"	01G-RKH4012	01G-RKH4112	01G-RKH4212	-
Pillar Round Edges	4"	01G-RKH1013	01G-RKH1113	01G-RKH1213	01G-RKH1313
	5-1/2"	01G-RKH2013	01G-RKH2113	01G-RKH2213	01G-RKH2313
	6-1/4"	01G-RKH3013	01G-RKH3113	01G-RKH3213	-
	7-3/4"	-	01G-RKH4113	-	-
Joint Round Edges	4"	01G-RKH1014	01G-RKH1114	01G-RKH1214	01G-RKH1314
	5-1/2"	01G-RKH2014	01G-RKH2114	01G-RKH2214	01G-RKH2314
	6-1/4"	01G-RKH3014	01G-RKH3114	01G-RKH3214	01G-RKH3314
Marking	4"	01G-RKH1015	01G-RKH1115	01G-RKH1215	01G-RKH1315
	5-1/2"	01G-RKH2015	01G-RKH2115	01G-RKH2215	01G-RKH2315
	6-1/4"	01G-RKH3015	01G-RKH3115	01G-RKH3215	01G-RKH3315
	7-3/4"	01G-RKH4015	01G-RKH4115	01G-RKH4215	-
Three Square Bent	6-1/4"	01G-RKH3016	01G-RKH3116	01G-RKH3216	01G-RKH3316



NEEDLE FILE HANDLE

Holds All 1/8" Shank Files.
Order No. 01Z-MS1200



FILES ARE AVAILABLE IN LIMITED QUANTITIES AND MAY BE DISCONTINUED WITHOUT NOTIFICATION


























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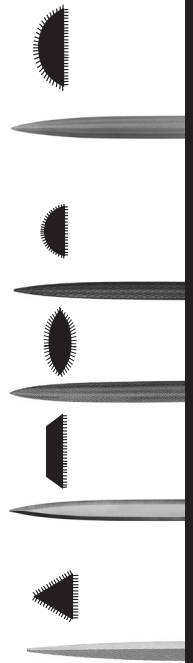
Falcon Tool's Swiss Precision Files are of the highest quality, are easy to use, and offer a long life expectancy. They are designed for detail work, delicate finishing, and precise metal removal. Swiss Precision Files have strict manufacturing tolerances and are uniform in taper, points, sharp edges, dimensions and flatness. Their fine points, sharp angles, clear-cutting edges and hardness is recognized as unique. They are available in a variety of styles, shapes, sizes and cuts.

SWISS PRECISION FILES

	Length	Width	Thick	Cut 00	Cut 0	Cut 2	Cut 3	Cut 4	Cut 6	
Hand 3 sides cut	4"	1/2"	1/8"	-	01H-SPF1000	01H-SPF1001	-	01H-SPF1002	-	
	6"	45/64"	5/32"	01H-SPF1010	01H-SPF1011	01H-SPF1012	-	01H-SPF1013	01H-SPF1014	
	8"	7/8"	1/5"	01H-SPF1020	01H-SPF1021	01H-SPF1022	-	01H-SPF1023	01H-SPF1024	
	10"	31/32"	7/32"	01H-SPF1030	01H-SPF1031	01H-SPF1032	-	-	-	
	12"	1-3/16"	5/16"	01H-SPF1040	01H-SPF1041	01H-SPF1042	-	-	-	
Regular Pillar 2 sides cut	3"	9/32"	3/32"	-	01H-SPF1100	01H-SPF1101	-	-	-	
	4"	3/8"	3/32"	01H-SPF1110	01H-SPF1111	01H-SPF1112	-	01H-SPF1113	-	
	6"	33/64"	5/32"	01H-SPF1120	01H-SPF1121	01H-SPF1122	01H-SPF1123	01H-SPF1124	01H-SPF1125	
	8"	19/32"	3/64"	01H-SPF1130	01H-SPF1131	01H-SPF1132	01H-SPF1133	01H-SPF1134	-	
	10"	45/64"	15/64"	01H-SPF1140	01H-SPF1141	01H-SPF1142	-	-	-	
Demi Narrow Pillar 2 sides cut	4"	1/4"	7/64"	-	-	01H-SPF1201	-	-	-	
	6"	25/64"	11/64"	01H-SPF1202	01H-SPF1203	01H-SPF1204	-	01H-SPF1205	-	
Narrow Pillar 2 sides cut	4"	11/64"	3/32"	01H-SPF1300	01H-SPF1301	01H-SPF1302	-	01H-SPF1303	-	
	6"	5/16"	9/64"	01H-SPF1310	01H-SPF1311	01H-SPF1312	-	01H-SPF1313	01H-SPF1314	
	8"	25/64"	11/64"	01H-SPF1320	01H-SPF1321	01H-SPF1322	-	01H-SPF1323	-	
	10"	15/32"	13/64"	01H-SPF1330	01H-SPF1331	01H-SPF1332	-	-	-	
Extra Narrow Pillar 2 sides cut	3"	1/8"	5/64"	-	01H-SPF1400	01H-SPF1401	-	-	-	
	4"	9/64"	1/16"	01H-SPF1410	01H-SPF1411	01H-SPF1412	-	01H-SPF1413	-	
	6"	15/64"	1/8"	-	01H-SPF1421	01H-SPF1422	-	01H-SPF1423	01H-SPF1424	
	8"	5/16"	9/64"	01H-SPF1430	01H-SPF1431	01H-SPF1432	-	01H-SPF1433	-	
	10"	21/64"	5/32"	01H-SPF1440	01H-SPF1441	01H-SPF1442	-	-	-	
Knife	3"	23/64"	5/64"	-	-	01H-SPF1500	-	-	-	
	4"	15/32"	1/8"	01H-SPF1510	01H-SPF1511	01H-SPF1512	-	01H-SPF1513	-	
	6"	45/64"	5/32"	01H-SPF1520	01H-SPF1521	01H-SPF1522	-	01H-SPF1523	-	
	8"	7/8"	1/5"	01H-SPF1530	01H-SPF1531	01H-SPF1532	-	-	-	

SWISS PRECISION FILES

	Length	Width	Thick	Cut 00	Cut 0	Cut 1	Cut 2	Cut 4	Cut 6
Half Round	3"	5/16"	3/32"	01H-SPF1600	01H-SPF1601	-	01H-SPF1602	01H-SPF1603	-
	4"	15/32"	9/64"	01H-SPF1610	01H-SPF1611	-	01H-SPF1612	01H-SPF1613	-
	5"	33/64"	5/32"	-	01H-SPF1620	-	01H-SPF1621	01H-SPF1622	-
	6"	5/8"	11/64"	01H-SPF1630	01H-SPF1631	-	01H-SPF1632	01H-SPF1633	01H-SPF1634
	8"	53/64"	15/64"	01H-SPF1640	01H-SPF1641	-	01H-SPF1642	01H-SPF1643	-
	10"	1"	9/32"	01H-SPF1650	01H-SPF1651	-	01H-SPF1652	-	-
Half Round Slim or Ring	6"	15/32"	9/64"	01H-SPF1700	01H-SPF1701	-	01H-SPF1702	01H-SPF1703	-
	7"	15/32"	9/64"	01H-SPF1710	01H-SPF1711	-	01H-SPF1712	-	-
	8"	45/64"	3/16"	01H-SPF1720	01H-SPF1721	-	01H-SPF1722	-	-
Crossing	4"	15/32"	9/64"	-	01H-SPF1800	-	01H-SPF1801	01H-SPF1802	-
	6"	5/8"	11/64"	-	01H-SPF1810	-	01H-SPF1811	01H-SPF1812	-
	8"	13/16"	15/64"	-	01H-SPF1820	-	01H-SPF1821	-	-
Barrette	3"	23/64"	3/32"	01H-SPF2700	01H-SPF2701	-	01H-SPF2702	01H-SPF2703	-
	4"	15/32"	3/32"	01H-SPF2710	01H-SPF2711	01H-SPF2712	01H-SPF2713	01H-SPF2714	-
	6"	5/8"	5/32"	01H-SPF2720	01H-SPF2721	01H-SPF2722	01H-SPF2723	01H-SPF2724	-
	8"	53/64"	13/64"	01H-SPF2730	01H-SPF2731	-	01H-SPF2732	-	-
Three Square	3"	13/64"	-	-	01H-SPF1900	-	01H-SPF1901	01H-SPF1902	-
	4"	15/64"	-	01H-SPF1910	01H-SPF1911	-	01H-SPF1912	01H-SPF1913	01H-SPF1914
	6"	23/64"	-	01H-SPF1920	01H-SPF1921	-	01H-SPF1922	01H-SPF1923	-
	8"	33/64"	-	01H-SPF1930	01H-SPF1931	-	01H-SPF1932	-	-
Narrow Three Square	6"	19/64"	-	-	01H-SPF2000	-	01H-SPF2001	-	-



	Cut Length	Cut No.	Approx. Thickness	Wire Gauge	Order No.
Round Edge Joint	4"	2	.065"	16	01H-SPF2100
	4"	2	.058"	17	01H-SPF2101
	4"	2	.049"	18	01H-SPF2102
	4"	2	.042	19	01H-SPF2103
	4"	2	.035"	20	01H-SPF2104
	4"	2	.032"	21	01H-SPF2105
	4"	2	.028"	22	01H-SPF2106
	4"	2	.025"	23	01H-SPF2107
	4"	2	.020"	25	01H-SPF2108
Square Edge Joint	4"	2	.016"	27	01H-SPF2109
	4"	1"	.049"	18	01H-SPF2200



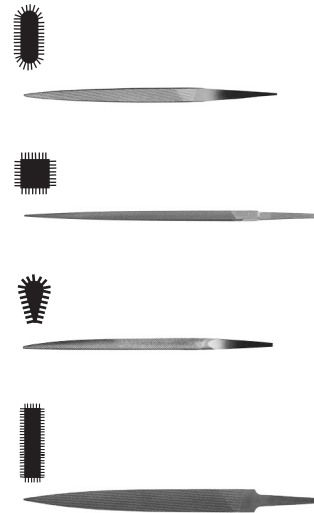
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SWISS PRECISION FILES

	Length	Width	Thick	Cut 00	Cut 0	Cut 1	Cut 2	Cut 4
Crochet	4"	9/32"	5/64"	01H-SPF2300	01H-SPF2301	–	01H-SPF2302	–
	6"	25/64"	1/8"	01H-SPF2310	01H-SPF2311	–	01H-SPF2312	–
	8"	31/64"	5/32"	01H-SPF2320	01H-SPF2321	–	01H-SPF2322	–
Square 4 sides cut	4"	5/32"	–	01H-SPF2400	01H-SPF2401	01H-SPF2402	01H-SPF2403	01H-SPF2404
	6"	13/64"	–	01H-SPF2410	01H-SPF2411	01H-SPF2412	01H-SPF2413	01H-SPF2414
	8"	9/32"	–	01H-SPF2420	01H-SPF2421	01H-SPF2422	01H-SPF2423	–
	10"	13/32"	–	01H-SPF2430	–	–	01H-SPF2431	–
Pippin	4"	9/32"	3/32"	–	01H-SPF2500	–	01H-SPF2501	01H-SPF2502
	6"	3/8"	11/64"	01H-SPF2510	01H-SPF2511	–	01H-SPF2512	01H-SPF2513
	8"	15/32"	11/64"	01H-SPF2520	01H-SPF2521	–	01H-SPF2522	–
Warding	3"	23/64"	1/32"	–	01H-SPF2600	–	01H-SPF2601	–
	4"	31/64"	3/64"	01H-SPF2610	01H-SPF2611	–	01H-SPF2612	01H-SPF2613
	6"	5/8"	5/64"	01H-SPF2620	01H-SPF2621	–	01H-SPF2622	01H-SPF2623
	8"	7/8"	7/64"	01H-SPF2630	01H-SPF2631	–	01H-SPF2632	–



	Cut Length	Width	Approx. Thickness	Wire Gauge	Cut 0	Cut 2
Warding Special Thickness	3"	23/64"	.042"	19	01H-SPF2640	–
	3"	23/64"	.025"	23	01H-SPF2642	–
	4"	1/2"	.035"	20	01H-SPF2650	–
	4"	1/2"	.032"	21	01H-SPF2652	01H-SPF2653
	4"	1/2"	.028"	22	01H-SPF2654	–
	6"	5/8"	.109"	12	01H-SPF2660	01H-SPF2661
	6"	5/8"	.065"	16	01H-SPF2662	01H-SPF2663
	6"	5/8"	.049"	18	–	–
	6"	5/8"	.042"	19	01H-SPF2666	–
	6"	5/8"	.032"	21	01H-SPF2668	01H-SPF2669

FILES ARE AVAILABLE IN LIMITED QUANTITIES AND MAY BE DISCONTINUED WITHOUT NOTIFICATION

SWISS PRECISION FILES ARE SOLD INDIVIDUALLY

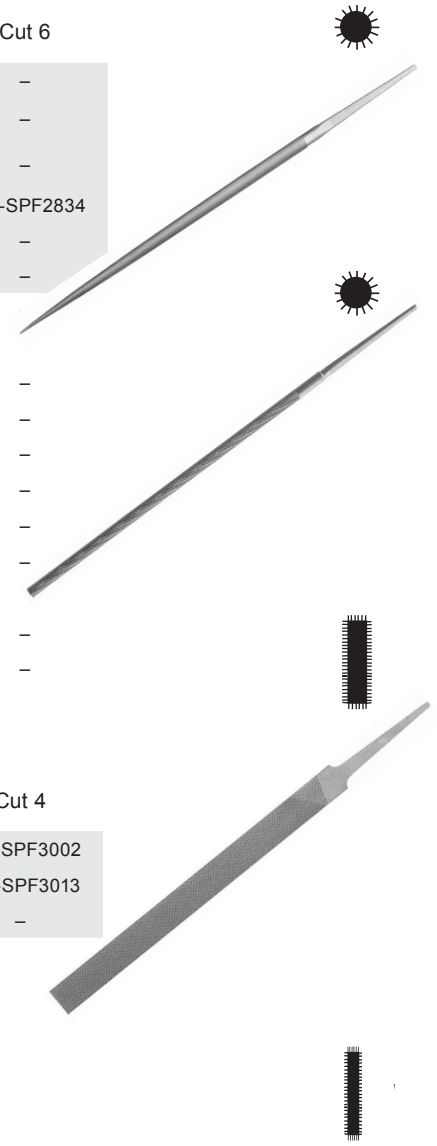
QUANTITY DISCOUNT FOR SWISS PRECISION FILES
10% FOR 10 OR MORE
12% FOR 50 OR MORE

SWISS PRECISION FILES

	Cut Length	Diameter	Cut 00	Cut 0	Cut 2	Cut 4	Cut 6
Round	3"	3/32"	01H-SPF2800	01H-SPF2801	01H-SPF2802	01H-SPF28403	-
	4"	5/32"	01H-SPF2810	01H-SPF2811	01H-SPF2812	-	-
	5"	13/64"	01H-SPF2820	-	01H-SPF2822	01H-SPF2823	-
	6"	15/64"	01H-SPF2830	01H-SPF2831	01H-SPF2832	01H-SPF2833	01H-SPF2834
	8"	5/16"	01H-SPF2840	01H-SPF2841	01H-SPF2842	01H-SPF2843	-
	10"	13/32"	01H-SPF2850	01H-SPF2851	01H-SPF2852	-	-
Parallel Round	4"	1/16"	-	01H-SPF2900	01H-SPF2901	-	-
	4"	3/32"	-	01H-SPF2902	01H-SPF2903	-	-
	4"	7/64"	-	01H-SPF2904	01H-SPF2905	-	-
	6"	1/16"	01H-SPF2910	01H-SPF2911	01H-SPF2912	01H-SPF2913	-
	6"	3/32"	01H-SPF2914	01H-SPF2915	01H-SPF2916	01H-SPF2917	-
	6"	1/8"	01H-SPF2918	01H-SPF2919	01H-SPF2920	01H-SPF2921	-
	6"	5/32"	01H-SPF2922	01H-SPF2923	01H-SPF2924	01H-SPF2925	-
	6"	3/16"	01H-SPF2926	01H-SPF2927	01H-SPF2928	01H-SPF2929	-
	6"	1/4"	01H-SPF2930	-	01H-SPF2932	-	-
	8"	5/16"	-	01H-SPF2942	01H-SPF2943	-	-
	8"	3/8"	-	01H-SPF2944	01H-SPF2945	-	-

	Cut Length	Width	Thick	Cut 00	Cut 0	Cut 2	Cut 4
Equalling	4"	25/64"	5/64"	-	01H-SPF3000	01H-SPF3001	01H-SPF3002
	6"	1/2"	3/32"	01H-SPF3010	01H-SPF3011	01H-SPF3012	01H-SPF3013
	8"	1/2"	3/32"	01H-SPF3020	01H-SPF3021	01H-SPF3022	-

	Cut Length	Width	Approx. Thickness	Wire Gauge	Cut 0	Cut 2	Cut 4
Equalling Special Thickness	4"	13/32"	.049"	18	01H-SPF3030	-	-
	4"	13/32"	.035"	20	01H-SPF3033	01H-SPF3034	01H-SPF3035
	4"	13/32"	.032"	21	01H-SPF3036	01H-SPF3037	-
	4"	13/32"	.028"	22	-	01H-SPF3040	01H-SPF3041
	4"	13/32"	.022"	24	01H-SPF3042	01H-SPF3043	01H-SPF3044
	4"	13/32"	.018"	26	01H-SPF3045	01H-SPF3046	01H-SPF3047
	4"	13/32"	.014"	28	01H-SPF3048	01H-SPF3049	01H-SPF3050
	6"	1/2"	.083"	14	01H-SPF3060	01H-SPF3061	01H-SPF3062
	6"	1/2"	.065"	16	01H-SPF3063	01H-SPF3064	01H-SPF3065
	6"	1/2"	.049"	18	-	-	01H-SPF3068



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SWISS PRECISION FILES ARE SOLD INDIVIDUALLY

QUANTITY DISCOUNT FOR SWISS PRECISION FILES
10% FOR 10 OR MORE
12% FOR 50 OR MORE



Falcon Tool offers a large selection of Swiss Parallel Machine Files for use in both a filing machine such as our Die Profiler or All-American, Keller, and Milwaukee Filing Machines or by hand in one of our File Holders. See below for details on each of our available series!

SWISS PARALLEL MACHINE FILES

3300 Series: Cuts on Downward Stroke · 1/4" Round Shank · 2-1/4" Cut Length · 3-1/4" Overall Length

	Style No.	Size	Shank	Cut 00	Cut 2
Pillar • 2 sides cut	3301	7/32" x 9/64"	1/4" Round	011-PMF1000	011-PMF1100
Equalling • 4 sides cut	3302	7/32" x 9/64"	1/4" Round	011-PMF1001	011-PMF1101
Three Square	3303	7/32"	1/4" Round	011-PMF1002	011-PMF1102
Barrette	3304	15/64" x 1/8"	1/4" Round	011-PMF1003	011-PMF1103
Lozenge	3305	1/4" x 9/64"	1/4" Round	011-PMF1004	011-PMF1104
Knife	3306	15/64" x 7/64"	1/4" Round	011-PMF1005	011-PMF1105
Round	3307	1/4"	1/4" Round	011-PMF1006	011-PMF1106
Half Round	3308	1/4" x 9/64"	1/4" Round	011-PMF1007	011-PMF1107
Oval	3309	1/4" x 9/64"	1/4" Round	011-PMF1008	011-PMF1108
Pippin	3310	1/4" x 5/32"	1/4" Round	011-PMF1009	011-PMF1109
Crochet	3311	1/4" x 9/64"	1/4" Round	–	011-PMF1110
Square	3312	3/16"	1/4" Round	–	011-PMF1111

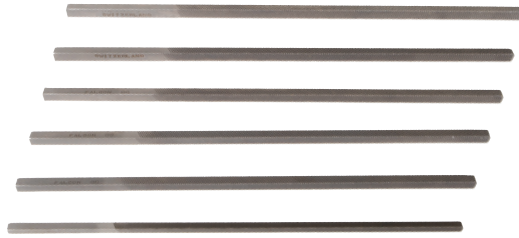


3400 Series: Cuts on Downward Stroke · 1/8" Round Shank · 2-1/4" Cut Length · 3-1/4" Overall Length












Pillar • 2 sides cut	3401	3/16" x 5/64"	1/8" Round	011-PMF1200	011-PMF1300
Three Square	3403	1/8"	1/8" Round	011-PMF1202	011-PMF1302
Barrette	3404	13/64" x 3/32"	1/8" Round	011-PMF1203	011-PMF1303
Lozenge	3405	13/64" x 7/64"	1/8" Round	011-PMF1204	011-PMF1304
Knife	3406	7/32" x 3/32"	1/8" Round	011-PMF1205	011-PMF1305
Round	3407	9/64"	1/8" Round	011-PMF1206	011-PMF1306
Half Round	3408	13/64" x 5/64"	1/8" Round	011-PMF1207	011-PMF1307
Oval	3409	3/16" x 5/64"	1/8" Round	011-PMF1208	011-PMF1308
Pippin	3410	3/16" x 3/32"	1/8" Round	011-PMF1209	011-PMF1309
Crochet	3411	13/64" x 5/64"	1/8" Round	011-PMF1210	011-PMF1310
Square	3412	7/64"	1/8" Round	011-PMF1211	011-PMF1311



SWISS PARALLEL MACHINE FILES



3500 Series: Cuts on Downward Stroke · 6" Cut Length · 8" Overall Length · For Filing Machines

	Style No.	Width	Thickness	Cut 00	Cut 2
 Pillar • 4 sides cut	3501	3/16"	1/16"	–	01I-PMF1500
	3504	3/8"	1/16"	–	01I-PMF1503
	3507	19/32"	1/8"	01I-PMF1406	01I-PMF1506
	3509	3/4"	3/8"	01I-PMF1407	01I-PMF1507
 Half Round	3511	3/16"	7/64"	01I-PMF1409	01I-PMF1509
	3512	1/4"	7/64"	01I-PMF1410	01I-PMF1510
	3514	1/2"	11/64"	–	01I-PMF1512
	3515	5/8"	13/64"	01I-PMF1413	01I-PMF1513
 Crossing	3521	1/4"	7/64"	01I-PMF1414	01I-PMF1514
 Round	3531	–	3/32"	01I-PMF1415	–
	3534	–	1/4"	01I-PMF1417	01I-PMF1517
	3537	–	1/2"	–	01I-PMF1519
 Square	3541	–	1/8"	–	01I-PMF1520
	3542	–	3/16"	–	01I-PMF1521
	3543	–	1/4"	–	01I-PMF1522
	3544	–	5/16"	01I-PMF1423	01I-PMF1523
	3545	–	3/8"	–	01I-PMF1524
 Three Square	3551	–	3/16"	01I-PMF1426	01I-PMF1526
	3552	–	1/4"	01I-PMF1427	01I-PMF1527
 Knife	3561	15/32"	1/8"	01I-PMF1429	01I-PMF1529
 Oval	3572	11/32"	9/64"	01I-PMF1430	01I-PMF1530
 Lozenge	3581	11/32"	17/64"	01I-PMF1431	01I-PMF1531
 Crochet	3592	3/16"	3/32"	–	01I-PMF1532
	3593	1/4"	1/8"	–	01I-PMF1533
 Pippin	3596	19/64"	5/32"	–	01I-PMF1534

FILES ARE AVAILABLE IN LIMITED QUANTITIES AND MAY BE DISCONTINUED WITHOUT NOTIFICATION

SWISS PARALLEL MACHINE FILES ARE SOLD INDIVIDUALLY












QUANTITY DISCOUNT FOR SWISS PARALLEL MACHINE FILES
10% FOR 10 OR MORE
12% FOR 50 OR MORE

SWISS PARALLEL MACHINE FILES

3600 Series: Cuts on Upward Stroke · 5" Cut Length · 7" Overall Length

Can also be used as a Hand File

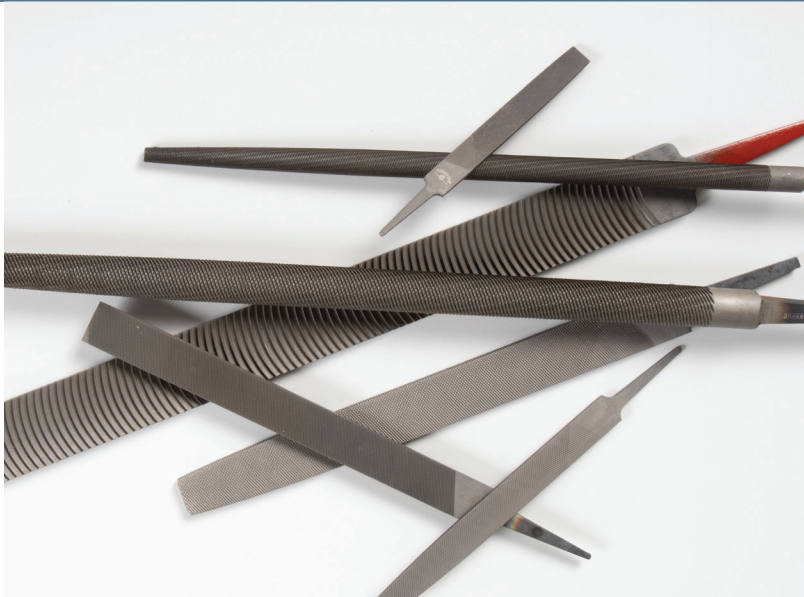


	Style No.	Width	Thickness	Cut 00	Cut 2
 Round	3601	–	1/16"	01I-PMF1600	01I-PMF1700
	3602	–	3/32"	01I-PMF1601	01I-PMF1701
	3603	–	1/8"	01I-PMF1602	01I-PMF1702
	3604	–	5/32"	01I-PMF1603	01I-PMF1703
	3605	–	3/16"	01I-PMF1604	01I-PMF1704
	3606	–	1/4"	01I-PMF1605	01I-PMF1705
 Square	3610	–	1/8"	01I-PMF1606	01I-PMF1706
	3611	–	3/16"	01I-PMF1607	01I-PMF1707
	3612	–	1/4"	–	01I-PMF1708
 Pillar	3615	1/8"	1/16"	01I-PMF1609	01I-PMF1709
	3616	3/16"	1/16"	01I-PMF1610	01I-PMF1710
	3617	1/4"	1/8"	–	01I-PMF1711
 Crochet	3620	1/4"	1/8"	–	01I-PMF1712
 Three Square	3625	–	1/8"	01I-PMF1613	01I-PMF1713
	3626	–	3/16"	01I-PMF1614	01I-PMF1714
	3627	–	1/4"	01I-PMF1615	01I-PMF1715
 Oval	3635	1/4"	1/8"	01I-PMF1616	01I-PMF1716
 Half Round	3640	1/4"	7/64"	01I-PMF1617	01I-PMF1717
 Knife	3645	3/8"	5/64"	01I-PMF1618	01I-PMF1718
 Pippin	3650	7/32"	7/64"	01I-PMF1619	01I-PMF1719
 Lozenge	3655	5/16"	15/64"	01I-PMF1620	01I-PMF1720
 Cant	3660	3/8"	3/16"	01I-PMF1621	01I-PMF1721

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QUANTITY DISCOUNT FOR SWISS PARALLEL MACHINE FILES
 10% FOR 10 OR MORE
 12% FOR 50 OR MORE



Falcon Tool's American Pattern Files are uniform in cut to permit removal of more metal faster. Extremely durable and scientifically balanced, each file is the product of a long tradition of superior craftsmanship combined with the most advanced technology. Every file is heat treated to exacting standards for greater performance, long life and accuracy of shape and size. Used for rapid metal removal on sharp corners, shoulders and flat surfaces. Reduce or smooth surfaces and remove nicks or burrs with ease.

AMERICAN PATTERN FILES

	Cut Length	Width	Thickness	Bastard	2nd Cut	Smooth
Mill	4"	7/16"	5/64"	01K-APF1000	01K-APF1001	01K-APF1002
	6"	19/32"	7/64"	01K-APF1010	01K-APF1011	01K-APF1012
	8"	25/32"	9/64"	01K-APF1020	01K-APF1021	01K-APF1022
	10"	31/32"	11/64"	01K-APF1030	01K-APF1031	01K-APF1032
	12"	1-5/32"	7/32"	01K-APF1040	01K-APF1041	01K-APF1042
	14"	1-5/16"	1/4"	01K-APF1050	-	01K-APF1051
	16"	1-1/2"	9/32"	01K-APF1060	-	-
Half Round	4"	7/16"	1/8"	01K-APF1100	01K-APF1101	01I-PMF1102
	6"	19/32"	5/32"	01K-APF1110	01K-APF1111	01I-PMF1112
	8"	3/4"	7/32"	01K-APF1120	01K-APF1121	01K-APF1122
	10"	15/16"	9/32"	01K-APF1130	01K-APF1131	01K-APF1132
	12"	1-1/8"	11/32"	01K-APF1140	01K-APF1141	01K-APF1142
	14"	1-9/32"	13/32"	01K-APF1150	-	01K-APF1152
Flat	4"	15/32"	5/64"	01K-APF1200	01K-APF1201	01K-APF1202
	6"	5/8"	5/32"	01K-APF1210	01K-APF1211	01K-APF1212
	8"	25/32"	7/32"	01K-APF1220	01K-APF1221	01K-APF1222
	10"	31/32"	1/4"	01K-APF1230	01K-APF1231	01K-APF1232
	12"	1-5/32"	9/32"	01K-APF1240	01K-APF1241	01K-APF1242
	14"	1-11/32"	5/16"	01K-APF1250	01K-APF1251	01K-APF1252
Round	Cut Length	Diameter		Bastard	Cut 2	Smooth
	4"	5/32"	-	01K-APF1300	01K-APF1301	01K-APF1302
	6"	7/32"	-	-	01K-APF1311	01K-APF1312
	8"	5/16"	-	01K-APF1320	01K-APF1321	01K-APF1322
	10"	3/8"	-	01K-APF1330	01K-APF1331	01K-APF1332
	12"	1/2"	-	01K-APF1340	01K-APF1341	01K-APF1342
	14"	5/8"	-	01K-APF1350	-	-



AMERICAN PATTERN FILES

	Cut Length	Width	Thickness	Bastard	2nd Cut	Smooth	
Square	4"	5/32"	–	01K-APF1400	01K-APF1401	–	
	6"	7/32"	–	01K-APF1410	01K-APF1411	01K-APF1412	
	8"	5/16"	–	01K-APF1420	01K-APF1421	01K-APF1422	
	10"	3/8"	–	01K-APF1430	01K-APF1431	01K-APF1432	
	12"	1/2"	–	01K-APF1440	01K-APF1441	01K-APF1442	
Three Square	6"	15/32"	–	01K-APF1500	01K-APF1501	01I-PMF1502	
	8"	5/8"	–	01K-APF1510	01K-APF1511	01I-PMF1512	
	10"	3/4"	–	01K-APF1520	01K-APF1521	01K-APF1522	
Warding	4"	15/32"	3/64"	01K-APF2000	01K-APF2001	01K-APF2002	
	6"	5/8"	5/64"	01K-APF2010	01K-APF2011	01K-APF2012	
	8"	23/32"	3/32"	01K-APF2020	01K-APF2021	01K-APF2022	



	Cut Length	Width	Order No.
Regular Taper	6"	15/32"	01K-APF1600
	7"	17/32"	01K-APF1601
	8"	19/32"	01K-APF1602
	10"	25/32"	01K-APF1603

	Cut Length	Width	Order No.
Extra Slim Taper	4"	3/16"	01K-APF1620
	5"	15/64"	01K-APF1621
	6"	9/32"	01K-APF1622
	7"	5/16"	01K-APF1623
	8"	13/32"	01K-APF1624



	Cut Length	Width	Order No.
Slim Taper	4"	7/32"	01K-APF1610
	5"	9/32"	01K-APF1611
	6"	11/32"	01K-APF1612
	7"	13/32"	01K-APF1613
	8"	15/32"	01K-APF1614
	10"	5/8"	01K-APF1615

	Cut Length	Width	Order No.
Double Extra Slim Taper	5"	3/16"	01K-APF1631
	6"	7/32"	01K-APF1632
	7"	1/4"	01K-APF1633
	8"	5/16"	01K-APF1634

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AMERICAN PATTERN FILES



	Cut Length	Width	Thickness	Bastard	2nd Cut	Smooth
Knife	4"	15/32"	7/64"	01K-APF1700	01K-APF1701	01K-APF1702
	6"	21/32"	5/32"	01K-APF1710	01K-APF1711	01K-APF1712
	8"	27/32"	3/16"	01K-APF1720	01K-APF1721	01K-APF1722
	10"	1-1/32"	1/4"	01K-APF1730	01K-APF1731	01K-APF1732



	Cut Length	Width	Order No.
Round Chain Saw • Smooth Cut	8"	5/32"	01K-APF1800
	8"	3/16"	01K-APF1801
	8"	7/32"	01K-APF1802
	8"	1/4"	01K-APF1803
	8"	5/16"	01K-APF1804



	Cut Length	Width	Thickness	Bastard	2nd Cut	Smooth
Hand	6"	5/8"	5/32"	01K-APF1900	01K-APF1901	01K-APF1902
	8"	25/32"	7/32"	01K-APF1910	01K-APF1911	01K-APF1912
	10"	31/32"	1/4"	01K-APF1920	01K-APF1921	01K-APF1922



	Cut Length	Width	Thickness	Order No.
Long Angle Lathe • Bastard Cut	10"	31/32"	1/4"	01K-APF2100
	12"	1-5/32"	9/32"	01K-APF2110
	14"	1-11/32"	5/16"	01K-APF2120



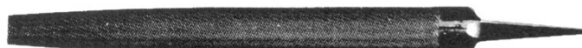
Pillar • One Safe Edge	10"	21/32"	11/32"	01K-APF2221
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Aluminum Flat • Double Cut	6"	5/8"	5/32"	01K-APF2300
	8"	25/32"	7/32"	01K-APF2310
	10"	31/32"	1/4"	01K-APF2320
	12"	1-5/32"	9/32"	01K-APF2330



Aluminum Half Round • Double Cut	6"	19/32"	5/32"	01K-APF2400
	8"	3/4"	7/32"	01K-APF2410
	10"	15/16"	9/32"	01K-APF2420
	12"	1-1/8"	11/32"	01K-APF2430



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Falcon Tool offers a variety of holders and handles for our extensive line of files. Our IF-20 Interchangeable File Handle is a metal handle that holds any 1/8" shank tool. The Needle File Handle is made of durable plastic and holds all 1/8" shank files. Long Ferrule File Handles are made of wood and coated with a premium shellac finish for appearance, comfort and durability. They have metal ferrules that are made of heavy gauge steel and zinc-plated to prevent corrosion. Available in 4 sizes for files ranging from 3" to 16" and made in the USA.

FILE HOLDERS AND HANDLES

	Size No.	Size	Length	Diameter	Order No.
Long Ferrule Handle	1	for 3-6" files	4"	1	01Z-MSC1300
	2	for 6-8" files	4-1/2"	1-3/16"	01Z-MSC1301
	3	for 8-12" files	5"	1-5/16"	01Z-MSC1302
	4	for 12-16" files	5-1/2"	1-7/16"	01Z-MSC1303



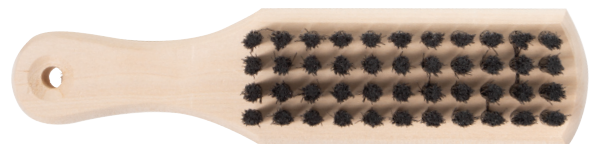
The #10 File Card cleans and restores your file grooves to clean cutting capacity. It's sharp steel bristles dig into and quickly remove filings collected with use. Ideal for machinists, mechanics, woodworkers and others involved in cutting, cleaning and roughing applications

	Length	Order No.
No. 10 File Card	8"	01Z-MSC1310



The #20 Combination File Card and Brush combines the functionality and cleaning power of short steel bristles with a softer, longer bristle brush ideally suited for removing filings on finer cut files. The brush can also be used to clean saws and drill bits.

	Length	Order No.
No. 20 Combination File Card and Brush	9-1/4"	01Z-MSC1320



ABRASIVE STONES



Falcon Tool Company's line of abrasive finishing stones is of the highest quality in the industry. Shop our large selection of abrasive stone types, formulations, grits, sizes and shapes!

ABRASIVE STONE TYPES

FINISHING STONES

Falcon offers a wide selection of aluminum oxide & silicon carbide finishing stones in a variety of formulations, grits & sizes. Choose from a variety of EDM, General Purpose & Specialty polishing stones all designed & manufactured to help you achieve the finish you require. Made in USA!

GUNSMITH STONING SET

Finishing stones & accessories handpicked for cutting sear angles, truing hammer hooks, dressing trigger ways, cleaning slots, shaping/contouring, & general use.

PENCIL STONES

Our complete offering of finishing stones is available in this special 5/32" square size which is perfect for polishing small, intricate areas.

ROUGHING STONES

Falcon roughing stones are excellent for rapid, aggressive stock removal on all tool steels. Available in five unique aluminum oxide formulations ranging from soft to hard.

STONING OIL AND LUBRICANT

Whether you're stoning or thinning diamond compound, Falcon has the proper lubricant to get the job done. Try our petroleum-based Stoning Oil or our Polishing Lubricant & Diamond Thinner which doubles as both a stoning lubricant & a thinner for diamond compound.

STONE HOLDERS

Variety of finishing stone & detail stone holders for hand polishing & for polishing with air profilers or die profilers.

DETAIL STONES

Falcon offers a wide selection of stones designed for fine, detail polishing jobs including Ceramic Super Stones, Miniature Ceramic Super Stones, Cristone® Crystal Fiber Stones, Ceramic Diamond Stones, & the CNB.

ARKANSAS STONES

Classic, natural stones available in a wide variety of shapes. Arkansas stones are known to be the finest all-around stone for deburring, polishing & sharpening applications.

INDIA ABRASIVE FILES

Made from aluminum oxide abrasive, India abrasive files are filled with oil during the manufacturing process & are known for producing exceptionally keen, long lasting edges. Available in coarse, medium & fine grits.

RUBY DEGUSSIT FILES

Made from a pure, synthetic polycrystalline ruby with no bonding agents making ruby degussits one of the hardest abrasive files available. They offer great wear resistance, outstanding finish & excellent profile & edge stability.

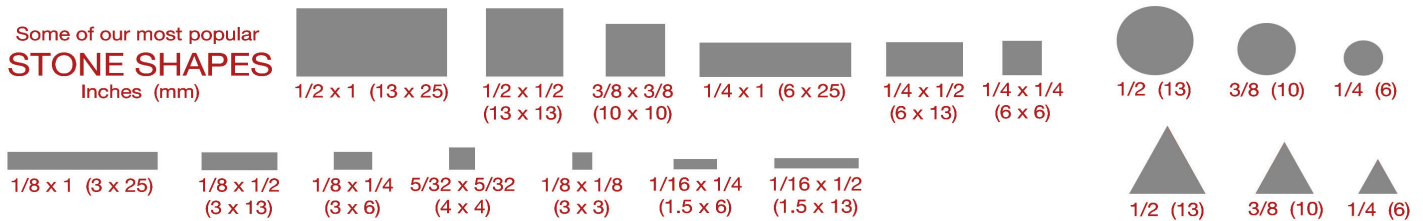
SHARPENING STONES

Aluminum oxide & silicon carbide sharpening stones used for a variety of deburring, sharpening & honing applications.

Stone Types		Color	Grits Available	Surface	Tool Steel	Aluminum	Non-Ferrous	Stainless Steel	EDM	Method	Hand	Profiler	Ultrasonic	Use	Wet	Dry	Breakdown	0 = Slow 5 = Fast	Hardness	0 = Soft 5 = Hard
EDM Finishing Stones	EDM	Dark Brown	100 - 1200		•				▲		•	•	•		•			2		4
	GS	Gold	150 - 1000		▲				▲		•	•			•			4		3
General Purpose Stones Aluminum Oxide	N	Tan	100 - 1200		▲	•	▲	•			•	•			•	•		4		2
	SE	White	100 - 1000		•	•	•	•			•	•			•	•		3		3
General Purpose Stones Silicon Carbide	SO	Grey	46 - 1200		•		•				•	•			•	•		2		3
	PO	Blue-Grey	150 - 1200		•	•	▲				•				•	•		4		2
Specialty Stones	HA	Cream	100 - 1200		▲				•		•	•			•			3		4
	NF	Cream	150 - 1200		•	▲	•	•			•	•			•			4		3
	PRO	White	120 - 1200		•				•		•	•			•			3		3
Detail Stones	Ceramics														•	•				
	CNB														•					
	Cristone														•	•				

▲ Indicates most popular stone for the application

Some of our most popular
STONE SHAPES
Inches (mm)





The Falcon Tool "EDM" finishing stone is a hard-structured aluminum oxide stone for polishing EDM (electrical discharge machining) surfaces on all types of mold and die steel. It performs particularly well on heat treated steels. This stone is hard, strong and will hold its shape while penetrating surface scale easily making it ideal for polishing sharp corners and small details either by hand or with the use of reciprocating profilers like our Turbo-Lap and U-Lap Air Profilers (page 135) and Diprofil Die Profiler (page 138). Can also be used with ultrasonic polishers (pages 148 & 149).

Must be used with a lubricant such as our Stoning Oil or Polishing Lubricant and Diamond Thinner to avoid stone loading (page 43).

Available in 100-1200 grit and a wide variety of sizes. Also available in convenient and cost effective Finishing Stone Assortment Sets (pages 40 & 41).

"EDM" FINISHING STONE TREATED ALUMINUM OXIDE

GRITS / ORDER NO.

SIZE (IN)	100	150	220	320	400	600	800	1000	1200
1/16 X 1/4 X 6	02F-EDM1000	02F-EDM1001	02F-EDM1002	02F-EDM1003	02F-EDM1004	02F-EDM1006	02F-EDM1007	02F-EDM1008	02F-EDM1009
1/16 X 1/2 X 6	02F-EDM1010	02F-EDM1011	02F-EDM1012	02F-EDM1013	02F-EDM1014	02F-EDM1016	02F-EDM1017	02F-EDM1018	02F-EDM1019
1/8 X 1/8 X 6	02F-EDM1020	02F-EDM1021	02F-EDM1022	02F-EDM1023	02F-EDM1024	02F-EDM1026	02F-EDM1027	02F-EDM1028	02F-EDM1029
1/8 X 1/4 X 6	02F-EDM1030	02F-EDM1031	02F-EDM1032	02F-EDM1033	02F-EDM1034	02F-EDM1036	02F-EDM1037	02F-EDM1038	02F-EDM1039
1/8 X 1/2 X 6	02F-EDM1040	02F-EDM1041	02F-EDM1042	02F-EDM1043	02F-EDM1044	02F-EDM1046	02F-EDM1047	02F-EDM1048	02F-EDM1049
3/16 X 3/16 X 6	02F-EDM1050	02F-EDM1051	02F-EDM1052	02F-EDM1053	02F-EDM1054	02F-EDM1056	02F-EDM1057	02F-EDM1058	02F-EDM1059
1/4 X 1/4 X 6	02F-EDM1060	02F-EDM1061	02F-EDM1062	02F-EDM1063	02F-EDM1064	02F-EDM1066	02F-EDM1067	02F-EDM1068	02F-EDM1069
1/4 X 1/2 X 6	02F-EDM1070	02F-EDM1071	02F-EDM1072	02F-EDM1073	02F-EDM1074	02F-EDM1076	02F-EDM1077	02F-EDM1078	02F-EDM1079
1/4 X 1 X 6	02F-EDM1090	02F-EDM1091	02F-EDM1092	02F-EDM1093	02F-EDM1094	02F-EDM1096	02F-EDM1097	02F-EDM1098	02F-EDM1099

QUANTITY DISCOUNTS

10% 48+ OF THE SAME
20% 96+ OF THE SAME

NOTE: Finishing Stones are sold in a minimum order quantity of 12pcs/box per size & grit with the exception of 3/4x3/4x6 and 1x1x6 stones which will have a minimum order quantity of 6pcs/box per size & grit and 1x2x6 which will have a minimum order quantity of 3pcs/box per size & grit.



The Falcon Tool “GS” finishing stone is made with premium aluminum oxide grain and a proprietary treatment process. It delivers exceptional performance on EDM (electrical discharge machining) surfaces, milling and machining marks. The “GS” has a medium-hard structure and a fast breakdown offering quick material removal. It contours quickly while leaving a silky-smooth finish. The “GS” works on all tool steel and is great when used during hand stoning as well as with reciprocating profilers like our Turbo-Lap and U-Lap Air Profilers (page 135) and Diprofil Die Profiler (page 138).

Lengthy pre-lubrication is not required before use, but the “GS” should be used with a lubricant to avoid stone loading. Try our Stoning Oil or Polishing Lubricant and Diamond Thinner (page 43). Available in 150-1000 grit and a wide variety of sizes. Also available in convenient and cost effective Finishing Stone Assortment Sets (pages 40 & 41).

“GS” EDM FINISHING STONE TREATED ALUMINUM OXIDE

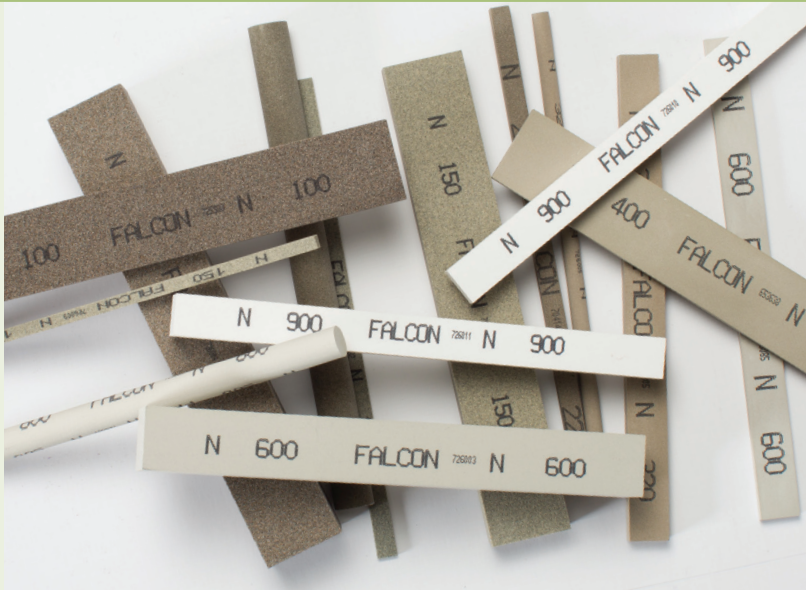
GRITS / ORDER NO.

SIZE (IN)	150	180	220	320	400	600	800	1000
1/8 X 1/8 X 6	02S-GSS1000	02S-GSS1001	02S-GSS1002	02S-GSS1003	02S-GSS1004	02S-GSS1005	02S-GSS1006	02S-GSS1007
1/8 X 1/4 X 6	02S-GSS1016	02S-GSS1017	02S-GSS1018	02S-GSS1019	02S-GSS1020	02S-GSS1021	02S-GSS1022	02S-GSS1023
1/8 X 1/2 X 6	02S-GSS1024	02S-GSS1025	02S-GSS1026	02S-GSS1027	02S-GSS1028	02S-GSS1029	02S-GSS1030	02S-GSS1031
1/4 X 1/4 X 6	02S-GSS1032	02S-GSS1033	02S-GSS1034	02S-GSS1035	02S-GSS1036	02S-GSS1037	02S-GSS1038	02S-GSS1039
1/4 X 1/2 X 6	02S-GSS1040	02S-GSS1041	02S-GSS1042	02S-GSS1043	02S-GSS1044	02S-GSS1045	02S-GSS1046	02S-GSS1047
1/4 X 1 X 6	02S-GSS1048	02S-GSS1049	02S-GSS1050	02S-GSS1051	02S-GSS1052	02S-GSS1053	02S-GSS1054	02S-GSS1055

QUANTITY DISCOUNTS

10% 48+ OF THE SAME
20% 96+ OF THE SAME

NOTE: Finishing Stones are sold in a minimum order quantity of 12pcs/box per size & grit with the exception of 3/4x3/4x6 and 1x1x6 stones which will have a minimum order quantity of 6pcs/box per size & grit and 1x2x6 which will have a minimum order quantity of 3pcs/box per size & grit.



The Falcon Tool “N” finishing stone is among our most popular and is a fantastic all-around, fast-cutting stone that can be used on nearly any material. The “N” is engineered for hand polishing all types of mold and die steels including SAE 1030 pre-heat treated P-20, H-13, S-7 and T-420. It can also be used with reciprocating profilers like our Turbo-Lap and U-Lap Air Profilers (page 135) and Diprofil Die Profiler (page 138). Soft cutting action combined with the perfect breakdown speed of the “N” permits pre-finishing on non-ferrous metals such as aluminum, beryllium, kirkcote and high chrome/nickel stainless steel. Some polishers obtain excellent results using water when finishing kirkcote. The “N” can be used with or without a lubricant. Try our Stoning Oil or Polishing Lubricant and Diamond Thinner (page 43).

Available in 100-1200 grit and a wide variety of sizes including round shapes. Also available in convenient and cost effective Finishing Stone Assortment Sets (pages 40 & 41).

“N” GENERAL PURPOSE FINISHING STONE ALUMINUM OXIDE

GRITS / ORDER NO.

SIZE (IN)	100	150	220	320	400	500	600	900	1200
1/16 X 1/4 X 6	02A-NDS1000	02A-NDS1001	02A-NDS1002	02A-NDS1003	02A-NDS1004	02A-NDS1005	02A-NDS1006	02A-NDS1007	02A-NDS1008
1/16 X 1/2 X 6	02A-NDS1010	02A-NDS1011	02A-NDS1012	02A-NDS1013	02A-NDS1014	02A-NDS1015	02A-NDS1016	02A-NDS1017	02A-NDS1018
1/8 X 1/8 X 6	02A-NDS1020	02A-NDS1021	02A-NDS1022	02A-NDS1023	02A-NDS1024	02A-NDS1025	02A-NDS1026	02A-NDS1027	02A-NDS1028
1/8 X 1/4 X 6	02A-NDS1030	02A-NDS1031	02A-NDS1032	02A-NDS1033	02A-NDS1034	02A-NDS1035	02A-NDS1036	02A-NDS1037	02A-NDS1038
1/8 X 1/2 X 6	02A-NDS1040	02A-NDS1041	02A-NDS1042	02A-NDS1043	02A-NDS1044	02A-NDS1045	02A-NDS1046	02A-NDS1047	02A-NDS1048
1/8 X 1 X 6	02A-NDS1050	02A-NDS1051	02A-NDS1052	02A-NDS1053	02A-NDS1054	02A-NDS1055	02A-NDS1056	02A-NDS1058	02A-NDS1059
3/16 X 3/16 X 6	02A-NDS1060	02A-NDS1061	02A-NDS1062	02A-NDS1063	02A-NDS1064	02A-NDS1065	02A-NDS1066	02A-NDS1067	02A-NDS1068
3/16 X 1/2 X 6	02A-NDS1070	02A-NDS1071	02A-NDS1072	02A-NDS1073	02A-NDS1074	02A-NDS1075	02A-NDS1076	02A-NDS1077	02A-NDS1078
1/4 X 1/4 X 6	02A-NDS1080	02A-NDS1081	02A-NDS1082	02A-NDS1083	02A-NDS1084	02A-NDS1085	02A-NDS1086	02A-NDS1087	02A-NDS1088
1/4 X 1/2 X 6	02A-NDS1090	02A-NDS1091	02A-NDS1092	02A-NDS1093	02A-NDS1094	02A-NDS1095	02A-NDS1096	02A-NDS1098	02A-NDS1099
1/4 X 1 X 6	02A-NDS1100	02A-NDS1101	02A-NDS1102	02A-NDS1103	02A-NDS1104	02A-NDS1105	02A-NDS1106	02A-NDS1108	02A-NDS1109
3/8 X 3/8 X 6	02A-NDS1110	02A-NDS1111	02A-NDS1112	02A-NDS1113	02A-NDS1114	02A-NDS1115	02A-NDS1116	02A-NDS1117	02A-NDS1118
1/2 X 1/2 X 6	02A-NDS1120	02A-NDS1121	02A-NDS1122	02A-NDS1123	02A-NDS1124	02A-NDS1125	02A-NDS1126	02A-NDS1127	02A-NDS1128
1/2 X 1 X 6	02A-NDS1130	02A-NDS1131	02A-NDS1132	02A-NDS1133	02A-NDS1134	02A-NDS1135	02A-NDS1136	02A-NDS1138	02A-NDS1139
3/4 X 3/4 X 6	02A-NDS1140	02A-NDS1141	02A-NDS1142	02A-NDS1143	02A-NDS1144	02A-NDS1145	02A-NDS1146	02A-NDS1147	02A-NDS1148
1 X 1 X 6	02A-NDS1150	02A-NDS1151	02A-NDS1152	02A-NDS1153	02A-NDS1154	02A-NDS1155	02A-NDS1156	02A-NDS1157	02A-NDS1158

ROUND

3/16 DIA.	02A-NDS1160	02A-NDS1161	02A-NDS1162	02A-NDS1163	02A-NDS1164	02A-NDS1165	02A-NDS1166	02A-NDS1167	02A-NDS1168
1/4 DIA.	02A-NDS1170	02A-NDS1171	02A-NDS1172	02A-NDS1173	02A-NDS1174	02A-NDS1175	02A-NDS1176	02A-NDS1177	02A-NDS1178
3/8 DIA.	02A-NDS1180	02A-NDS1181	02A-NDS1182	02A-NDS1183	02A-NDS1184	02A-NDS1185	02A-NDS1186	02A-NDS1187	02A-NDS1188
1/2 DIA.	02A-NDS1190	02A-NDS1191	02A-NDS1192	02A-NDS1193	02A-NDS1194	02A-NDS1195	02A-NDS1196	02A-NDS1197	02A-NDS1198

NOTE: Finishing Stones are sold in a minimum order quantity of 12pcs/box per size & grit with the exception of 3/4x3/4x6 and 1x1x6 stones which will have a minimum order quantity of 6pcs/box per size & grit and 1x2x6 which will have a minimum order quantity of 3pcs/box per size & grit.



The Falcon Tool “SE” finishing stone is a semi-hard aluminum oxide stone with slow breakdown used for general polishing on all tool steels as well as non-ferrous materials. It is load resistant and can be used wet or dry although most polishers prefer to use lubricants such as our Stoning Oil or Polishing Lubricant and Diamond Thinner (page 43) especially with the finer grits. The “SE” may be used by hand or with reciprocating profilers like our Turbo-Lap and U-Lap Air Profilers (page 135) and Diprofil Die Profiler (page 138).

Available in 100-1000 grit and a wide variety of sizes including round shapes. Also available in convenient and cost effective Finishing Stone Assortment Sets (pages 40 & 41).

“SE” GENERAL PURPOSE FINISHING STONE TREATED ALUMINUM OXIDE

GRITS / ORDER NO.

SIZE (IN)	100	150	220	320	400
1/16 X 1/4 X 6	02E-SES1000	02E-SES1001	02E-SES1002	02E-SES1003	02E-SES1004
1/16 X 1/2 X 6	02E-SES1010	02E-SES1011	02E-SES1012	02E-SES1013	02E-SES1014
1/8 X 1/8 X 6	02E-SES1020	02E-SES1021	02E-SES1022	02E-SES1023	02E-SES1024
1/8 X 1/4 X 6	02E-SES1030	02E-SES1031	02E-SES1032	02E-SES1033	02E-SES1034
1/8 X 1/2 X 6	02E-SES1040	02E-SES1041	02E-SES1042	02E-SES1043	02E-SES1044
1/8 X 1 X 6	02E-SES1050	02E-SES1051	02E-SES1052	02E-SES1053	02E-SES1054
3/16 X 3/16 X 6	02E-SES1060	02E-SES1061	02E-SES1062	02E-SES1063	02E-SES1064
3/16 X 1/2 X 6	02E-SES1070	02E-SES1071	02E-SES1072	02E-SES1073	02E-SES1074
1/4 X 1/4 X 6	02E-SES1080	02E-SES1081	02E-SES1082	02E-SES1083	02E-SES1084
1/4 X 1/2 X 6	02E-SES1090	02E-SES1091	02E-SES1092	02E-SES1093	02E-SES1094
1/4 X 1 X 6	02E-SES1100	02E-SES1101	02E-SES1102	02E-SES1103	02E-SES1104
3/8 X 3/8 X 6	02E-SES1110	02E-SES1111	02E-SES1112	02E-SES1113	02E-SES1114
1/2 X 1/2 X 6	02E-SES1120	02E-SES1121	02E-SES1122	02E-SES1123	02E-SES1124
1/2 X 1 X 6	02E-SES1130	02E-SES1131	02E-SES1132	02E-SES1133	02E-SES1134
3/4 X 3/4 X 6	02E-SES1140	02E-SES1141	02E-SES1142	02E-SES1143	02E-SES1144
1 X 1 X 6	02E-SES1150	02E-SES1151	02E-SES1152	02E-SES1153	02E-SES1154

Round

3/16 DIA.	02E-SES1160	02E-SES1161	02E-SES1162	02E-SES1163	02E-SES1164
1/4 DIA.	02E-SES1170	02E-SES1171	02E-SES1172	02E-SES1173	02E-SES1174
3/8 DIA.	02E-SES1180	02E-SES1181	02E-SES1182	02E-SES1183	02E-SES1184
1/2 DIA.	02E-SES1190	02E-SES1191	02E-SES1192	02E-SES1193	02E-SES1194

NOTE: Finishing Stones are sold in a minimum order quantity of 12pcs/box per size & grit with the exception of 3/4x3/4x6 and 1x1x6 stones which will have a minimum order quantity of 6pcs/box per size & grit and 1x2x6 which will have a minimum order quantity of 3pcs/box per size & grit.

"SE" GENERAL PURPOSE FINISHING STONE

500-1000 GRIT

GRITS / ORDER NO.

SIZE (IN)	500	600	800	900	1000
1/16 X 1/4 X 6	02E-SES1005	02E-SES1006	02E-SES1007	02E-SES1008	02E-SES1009
1/16 X 1/2 X 6	02E-SES1015	02E-SES1016	02E-SES1017	02E-SES1018	02E-SES1019
1/8 X 1/8 X 6	02E-SES1025	02E-SES1026	02E-SES1027	02E-SES1028	02E-SES1029
1/8 X 1/4 X 6	02E-SES1035	02E-SES1036	02E-SES1037	02E-SES1038	02E-SES1039
1/8 X 1/2 X 6	02E-SES1045	02E-SES1046	02E-SES1047	02E-SES1048	02E-SES1049
1/8 X 1 X 6	02E-SES1055	02E-SES1056	02E-SES1057	02E-SES1058	02E-SES1059
3/16 X 3/16 X 6	02E-SES1065	02E-SES1066	02E-SES1067	02E-SES1068	02E-SES1069
3/16 X 1/2 X 6	02E-SES1075	02E-SES1076	02E-SES1077	02E-SES1078	02E-SES1079
1/4 X 1/4 X 6	02E-SES1085	02E-SES1086	02E-SES1087	02E-SES1088	02E-SES1089
1/4 X 1/2 X 6	02E-SES1095	02E-SES1096	02E-SES1097	02E-SES1098	02E-SES1099
1/4 X 1 X 6	02E-SES1105	02E-SES1106	02E-SES1107	02E-SES1108	02E-SES1109
3/8 X 3/8 X 6	02E-SES1115	02E-SES1116	02E-SES1117	02E-SES1118	02E-SES1119
1/2 X 1/2 X 6	02E-SES1125	02E-SES1126	02E-SES1127	02E-SES1128	02E-SES1129
1/2 X 1 X 6	02E-SES1135	02E-SES1136	02E-SES1137	02E-SES1138	02E-SES1139
3/4 X 3/4 X 6	02E-SES1145	02E-SES1146	02E-SES1147	02E-SES1148	02E-SES1149
1 X 1 X 6	02E-SES1155	02E-SES1156	02E-SES1157	02E-SES1158	02E-SES1159

ROUND

3/16 DIA.	02E-SES1165	02E-SES1166	02E-SES1167	02E-SES1168	02E-SES1169
1/4 DIA.	02E-SES1175	02E-SES1176	02E-SES1177	02E-SES1178	02E-SES1179
3/8 DIA.	02E-SES1185	02E-SES1186	02E-SES1187	02E-SES1188	02E-SES1189
1/2 DIA.	02E-SES1195	02E-SES1196	02E-SES1197	02E-SES1198	02E-SES1199

QUANTITY DISCOUNTS

10% 48+ OF THE SAME
20% 96+ OF THE SAME

NOTE: Finishing Stones are sold in a minimum order quantity of 12pcs/box per size & grit with the exception of 3/4x3/4x6 and 1x1x6 stones which will have a minimum order quantity of 6pcs/box per size & grit and 1x2x6 which will have a minimum order quantity of 3pcs/box per size & grit.



The Falcon Tool “SO” finishing stone is a medium-hard structured silicon carbide stone with moderate breakdown used for general polishing on tool steel and non-ferrous materials. It is harder than our “PO” finishing stone and can be used by hand or in a reciprocating profiler like our Turbo-Lap and U-Lap Air Profilers (page 135) and Diprofil Die Profiler (page 138). The “SO” can be used with or without a lubricant. Try our Stoning Oil or Polishing Lubricant and Diamond Thinner (page 43).

Available in 46-1200 grit and a wide variety of sizes including round shapes. Also available in convenient and cost effective Finishing Stone Assortment Sets (pages 40 & 41).

“SO” GENERAL PURPOSE FINISHING STONE SILICON CARBIDE

GRITS / ORDER NO.

SIZE (IN)	46	60	80	100	150
1/16 X 1/4 X 6	—	—	02B-SOS1000	02B-SOS1001	02B-SOS1002
1/16 X 1/2 X 6	—	—	02B-SOS1010	02B-SOS1011	02B-SOS1012
1/8 X 1/8 X 6	—	—	02B-SOS1020	02B-SOS1021	02B-SOS1022
1/8 X 1/4 X 6	02B-SOS1030	02B-SOS1031	02B-SOS1032	02B-SOS1033	02B-SOS1034
1/8 X 1/2 X 6	02B-SOS1040	02B-SOS1041	02B-SOS1042	02B-SOS1043	02B-SOS1044
1/8 X 1 X 6	02B-SOS1050	02B-SOS1051	02B-SOS1052	02B-SOS1053	02B-SOS1054
3/16 X 3/16 X 6	02B-SOS1060	02B-SOS1061	02B-SOS1062	02B-SOS1063	02B-SOS1064
3/16 X 1/2 X 6	02B-SOS1070	02B-SOS1071	02B-SOS1072	02B-SOS1073	02B-SOS1074
1/4 X 1/4 X 6	02B-SOS1080	02B-SOS1081	02B-SOS1082	02B-SOS1083	02B-SOS1084
1/4 X 1/2 X 6	02B-SOS1090	02B-SOS1091	02B-SOS1092	02B-SOS1093	02B-SOS1094
1/4 X 1 X 6	02B-SOS1100	02B-SOS1101	02B-SOS1102	02B-SOS1103	02B-SOS1104
3/8 X 3/8 X 6	02B-SOS1110	02B-SOS1111	02B-SOS1112	02B-SOS1113	02B-SOS1114
1/2 X 1/2 X 6	02B-SOS1120	02B-SOS1121	02B-SOS1122	02B-SOS1123	02B-SOS1124
1/2 X 1 X 6	02B-SOS1130	02B-SOS1131	02B-SOS1132	02B-SOS1133	02B-SOS1134
3/4 X 3/4 X 6	02B-SOS1140	02B-SOS1141	02B-SOS1142	02B-SOS1143	02B-SOS1144
1 X 1 X 6	02B-SOS1150	02B-SOS1151	02B-SOS1152	02B-SOS1153	02B-SOS1154

ROUND

3/16 DIA.	—	—	02B-SOS1160	02B-SOS1161	02B-SOS1162
1/4 DIA.	—	—	02B-SOS1170	02B-SOS1171	02B-SOS1172
3/8 DIA.	—	—	02B-SOS1180	02B-SOS1181	02B-SOS1182
1/2 DIA.	—	—	02B-SOS1190	02B-SOS1191	02B-SOS1192
3/4 DIA.	—	—	—	02B-SOS1201	02B-SOS1202
1 DIA.	—	02B-SOS1210	02B-SOS1211	02B-SOS1212	02B-SOS1213

NOTE: Finishing Stones are sold in a minimum order quantity of 12pcs/box per size & grit with the exception of 3/4x3/4x6 and 1x1x6 stones which will have a minimum order quantity of 6pcs/box per size & grit and 1x2x6 which will have a minimum order quantity of 3pcs/box per size & grit.

"SO" GENERAL PURPOSE FINISHING STONE 220-1200 GRIT

SIZE (IN)	GRITS / ORDER NO.						
	220	320	400	600	800	1000	1200
1/16 X 1/4 X 6	02B-SOS1003	02B-SOS1004	02B-SOS1005	02B-SOS1007	02B-SOS1219	02B-SOS1220	02B-SOS1221
1/16 X 1/2 X 6	02B-SOS1013	02B-SOS1014	02B-SOS1015	02B-SOS1017	02B-SOS1229	02B-SOS1230	02B-SOS1231
1/8 X 1/8 X 6	02B-SOS1023	02B-SOS1024	02B-SOS1025	02B-SOS1027	02B-SOS1239	02B-SOS1240	02B-SOS1241
1/8 X 1/4 X 6	02B-SOS1035	02B-SOS1036	02B-SOS1037	02B-SOS1039	02B-SOS1249	02B-SOS1250	02B-SOS1251
1/8 X 1/2 X 6	02B-SOS1045	02B-SOS1046	02B-SOS1047	02B-SOS1049	02B-SOS1259	02B-SOS1260	02B-SOS1261
1/8 X 1 X 6	02B-SOS1055	02B-SOS1056	02B-SOS1057	02B-SOS1059	02B-SOS1269	02B-SOS1270	02B-SOS1271
3/16 X 3/16 X 6	02B-SOS1065	02B-SOS1066	02B-SOS1067	02B-SOS1069	02B-SOS1279	02B-SOS1280	02B-SOS1281
3/16 X 1/2 X 6	02B-SOS1075	02B-SOS1076	02B-SOS1077	02B-SOS1079	02B-SOS1289	02B-SOS1290	02B-SOS1291
1/4 X 1/4 X 6	02B-SOS1085	02B-SOS1086	02B-SOS1087	02B-SOS1089	02B-SOS1299	02B-SOS1300	02B-SOS1301
1/4 X 1/2 X 6	02B-SOS1095	02B-SOS1096	02B-SOS1097	02B-SOS1099	02B-SOS1309	02B-SOS1310	02B-SOS1311
1/4 X 1 X 6	02B-SOS1105	02B-SOS1106	02B-SOS1107	02B-SOS1109	02B-SOS1319	02B-SOS1320	02B-SOS1321
3/8 X 3/8 X 6	02B-SOS1115	02B-SOS1116	02B-SOS1117	02B-SOS1119	02B-SOS1329	02B-SOS1330	02B-SOS1331
1/2 X 1/2 X 6	02B-SOS1125	02B-SOS1126	02B-SOS1127	02B-SOS1129	02B-SOS1339	02B-SOS1340	02B-SOS1341
1/2 X 1 X 6	02B-SOS1135	02B-SOS1136	02B-SOS1137	02B-SOS1139	02B-SOS1349	02B-SOS1350	02B-SOS1351
3/4 X 3/4 X 6	02B-SOS1145	02B-SOS1146	02B-SOS1147	02B-SOS1149	02B-SOS1359	02B-SOS1360	02B-SOS1361
1 X 1 X 6	02B-SOS1155	02B-SOS1156	02B-SOS1157	02B-SOS1159	02B-SOS1369	02B-SOS1370	02B-SOS1371

ROUND

3/16 DIA.	02B-SOS1163	02B-SOS1164	02B-SOS1165	02B-SOS1167	02B-SOS1379	02B-SOS1380	02B-SOS1381
1/4 DIA.	02B-SOS1173	02B-SOS1174	02B-SOS1175	02B-SOS1177	02B-SOS1389	02B-SOS1390	02B-SOS1391
3/8 DIA.	02B-SOS1183	02B-SOS1184	02B-SOS1185	02B-SOS1187	02B-SOS1399	02B-SOS1400	02B-SOS1401
1/2 DIA.	02B-SOS1193	02B-SOS1194	02B-SOS1195	02B-SOS1197	02B-SOS1409	02B-SOS1410	02B-SOS1411
3/4 DIA.	02B-SOS1203	02B-SOS1204	02B-SOS1205	02B-SOS1207	02B-SOS1419	02B-SOS1420	02B-SOS1421
1 DIA.	02B-SOS1214	02B-SOS1215	02B-SOS1216	02B-SOS1218	02B-SOS1429	02B-SOS1430	02B-SOS1431

QUANTITY DISCOUNTS

10% 48+ OF THE SAME
20% 96+ OF THE SAME

NOTE: Finishing Stones are sold in a minimum order quantity of 12pcs/box per size & grit with the exception of 3/4x3/4x6 and 1x1x6 stones which will have a minimum order quantity of 6pcs/box per size & grit and 1x2x6 which will have a minimum order quantity of 3pcs/box per size & grit.



The Falcon Tool “PO” finishing stone is a soft silicon carbide stone with porous structure resulting in a fast, even breakdown and fine, velvet finish. The “PO” is mostly used for hand polishing and is designed to conform easily to detail areas. We do not recommend using the “PO” in reciprocating profilers. The “PO” finishing stones are ideal for roughing out non-ferrous materials including aluminum, kirksite, copper and beryllium and can also be used on all tool steels. Can be used with or without a lubricant. Try our Stoning Oil or Polishing Lubricant and Diamond Thinner (page 43).

Available in 150-1200 grit and a wide variety of sizes including round shapes. Also available in convenient and cost effective Finishing Stone Assortment Sets (pages 40 & 41).

“PO” GENERAL PURPOSE FINISHING STONE SOFT SILICONE CARBIDE

GRITS / ORDER NO.

SIZE (IN)	150	220	320	400	600	800	1000	1200
1/16 X 1/4 X 6	02C-POS1000	02C-POS1001	02C-POS1002	02C-POS1003	02C-POS1005	02C-POS1006	02C-POS1007	02C-POS1008
1/16 X 1/2 X 6	02C-POS1010	02C-POS1011	02C-POS1012	02C-POS1013	02C-POS1015	02C-POS1016	02C-POS1017	02C-POS1018
1/8 X 1/8 X 6	02C-POS1020	02C-POS1021	02C-POS1022	02C-POS1023	02C-POS1025	02C-POS1026	02C-POS1027	02C-POS1028
1/8 X 1/4 X 6	02C-POS1030	02C-POS1031	02C-POS1032	02C-POS1033	02C-POS1035	02C-POS1036	02C-POS1037	02C-POS1038
1/8 X 1/2 X 6	02C-POS1040	02C-POS1041	02C-POS1042	02C-POS1043	02C-POS1045	02C-POS1046	02C-POS1047	02C-POS1048
1/8 X 1 X 6	02C-POS1050	02C-POS1051	02C-POS1052	02C-POS1053	02C-POS1055	02C-POS1056	02C-POS1057	02C-POS1058
3/16 X 3/16 X 6	02C-POS1060	02C-POS1061	02C-POS1062	02C-POS1063	02C-POS1065	02C-POS1066	02C-POS1067	02C-POS1068
3/16 X 1/2 X 6	02C-POS1070	02C-POS1071	02C-POS1072	02C-POS1073	02C-POS1075	02C-POS1076	02C-POS1077	02C-POS1078
1/4 X 1/4 X 6	02C-POS1080	02C-POS1081	02C-POS1082	02C-POS1083	02C-POS1085	02C-POS1086	02C-POS1087	02C-POS1088
1/4 X 1/2 X 6	02C-POS1090	02C-POS1091	02C-POS1092	02C-POS1093	02C-POS1095	02C-POS1096	02C-POS1097	02C-POS1098
1/4 X 1 X 6	02C-POS1100	02C-POS1101	02C-POS1102	02C-POS1103	02C-POS1105	02C-POS1106	02C-POS1107	02C-POS1108
3/8 X 3/8 X 6	02C-POS1110	02C-POS1111	02C-POS1112	02C-POS1113	02C-POS1115	02C-POS1116	02C-POS1117	02C-POS1118
1/2 X 1/2 X 6	02C-POS1120	02C-POS1121	02C-POS1122	02C-POS1123	02C-POS1125	02C-POS1126	02C-POS1127	02C-POS1128
1/2 X 1 X 6	02C-POS1130	02C-POS1131	02C-POS1132	02C-POS1133	02C-POS1135	02C-POS1136	02C-POS1137	02C-POS1138
3/4 X 3/4 X 6	02C-POS1140	02C-POS1141	02C-POS1142	02C-POS1143	02C-POS1145	02C-POS1146	02C-POS1147	02C-POS1148
1 X 1 X 6	02C-POS1150	02C-POS1151	02C-POS1152	02C-POS1153	02C-POS1155	02C-POS1156	02C-POS1157	02C-POS1158

ROUND

3/16 DIA.	02C-POS1160	02C-POS1161	02C-POS1162	02C-POS1163	02C-POS1165	02C-POS1166	02C-POS1167	02C-POS1168
1/4 DIA.	02C-POS1170	02C-POS1171	02C-POS1172	02C-POS1173	02C-POS1175	02C-POS1176	02C-POS1177	02C-POS1178
3/8 DIA.	02C-POS1180	02C-POS1181	02C-POS1182	02C-POS1183	02C-POS1185	02C-POS1186	02C-POS1187	02C-POS1188
1/2 DIA.	02C-POS1190	02C-POS1191	02C-POS1192	02C-POS1193	02C-POS1195	02C-POS1196	02C-POS1197	02C-POS1198
3/4 DIA.	02C-POS1200	02C-POS1201	02C-POS1202	02C-POS1203	02C-POS1205	02C-POS1206	02C-POS1207	02C-POS1208
1 DIA.	02C-POS1210	02C-POS1211	02C-POS1212	02C-POS1213	02C-POS1215	02C-POS1216	02C-POS1217	02C-POS1218

NOTE: Finishing Stones are sold in a minimum order quantity of 12pcs/box per size & grit with the exception of 3/4x3/4x6 and 1x1x6 stones which will have a minimum order quantity of 6pcs/box per size & grit and 1x2x6 which will have a minimum order quantity of 3pcs/box per size & grit.



The Falcon Tool "HA" finishing stone is a hard-structured premium grade aluminum oxide stone that is specially treated to create a load resistant, smooth cutting action. The "HA" is the perfect stone for polishing ribs, slots, letters, and hard to reach places because of its hardness and will hold its shape making it ideal for polishing sharp corners. It is an excellent stone for polishing EDM (electrical discharge machining) surfaces and performs well on all types of tool steels. The "HA" can be used either by hand or with reciprocating profilers like our Turbo-Lap and U-Lap Air Profilers (page 135) and Diprofil Die Profiler (page 138). It must be used with a lubricant such as our Stoning Oil or Polishing Lubricant and Diamond Thinner (page 43) to prevent stone loading.

Available in 100-1200 grit and a wide variety of sizes including round shapes. Also available in convenient and cost effective Finishing Stone Assortment Sets (pages 40 & 41).

"HA" SPECIALTY FINISHING STONE TREATED ALUMINUM OXIDE

GRITS / ORDER NO.

SIZE (IN)	100	150	220	320	400	600	800	1000	1200
1/16 X 1/4 X 6	02D-HAS1000	02D-HAS1001	02D-HAS1002	02D-HAS1003	02D-HAS1004	02D-HAS1006	02D-HAS1007	02D-HAS1008	02D-HAS1009
1/16 X 1/2 X 6	02D-HAS1010	02D-HAS1011	02D-HAS1012	02D-HAS1013	02D-HAS1014	02D-HAS1016	02D-HAS1017	02D-HAS1018	02D-HAS1019
1/8 X 1/8 X 6	02D-HAS1020	02D-HAS1021	02D-HAS1022	02D-HAS1023	02D-HAS1024	02D-HAS1026	02D-HAS1027	02D-HAS1028	02D-HAS1029
1/8 X 1/4 X 6	02D-HAS1030	02D-HAS1031	02D-HAS1032	02D-HAS1033	02D-HAS1034	02D-HAS1036	02D-HAS1037	02D-HAS1038	02D-HAS1039
1/8 X 1/2 X 6	02D-HAS1040	02D-HAS1041	02D-HAS1042	02D-HAS1043	02D-HAS1044	02D-HAS1046	02D-HAS1047	02D-HAS1048	02D-HAS1049
1/8 X 1 X 6	02D-HAS1050	02D-HAS1051	02D-HAS1052	02D-HAS1053	02D-HAS1054	02D-HAS1056	02D-HAS1057	02D-HAS1058	02D-HAS1059
3/16 X 3/16 X 6	02D-HAS1060	02D-HAS1061	02D-HAS1062	02D-HAS1063	02D-HAS1064	02D-HAS1066	02D-HAS1067	02D-HAS1068	02D-HAS1069
3/16 X 1/2 X 6	02D-HAS1070	02D-HAS1071	02D-HAS1072	02D-HAS1073	02D-HAS1074	02D-HAS1076	02D-HAS1077	02D-HAS1078	02D-HAS1079
1/4 X 1/4 X 6	02D-HAS1080	02D-HAS1081	02D-HAS1082	02D-HAS1083	02D-HAS1084	02D-HAS1086	02D-HAS1087	02D-HAS1088	02D-HAS1089
1/4 X 1/2 X 6	02D-HAS1090	02D-HAS1091	02D-HAS1092	02D-HAS1093	02D-HAS1094	02D-HAS1096	02D-HAS1097	02D-HAS1098	02D-HAS1099
1/4 X 1 X 6	02D-HAS1100	02D-HAS1101	02D-HAS1102	02D-HAS1103	02D-HAS1104	02D-HAS1106	02D-HAS1107	02D-HAS1108	02D-HAS1109
3/8 X 3/8 X 6	02D-HAS1110	02D-HAS1111	02D-HAS1112	02D-HAS1113	02D-HAS1114	02D-HAS1116	02D-HAS1117	02D-HAS1118	02D-HAS1119
1/2 X 1/2 X 6	02D-HAS1120	02D-HAS1121	02D-HAS1122	02D-HAS1123	02D-HAS1124	02D-HAS1126	02D-HAS1127	02D-HAS1128	02D-HAS1129
1/2 X 1 X 6	02D-HAS1130	02D-HAS1131	02D-HAS1132	02D-HAS1133	02D-HAS1134	02D-HAS1136	02D-HAS1137	02D-HAS1138	02D-HAS1139
3/4 X 3/4 X 6	02D-HAS1140	02D-HAS1141	02D-HAS1142	02D-HAS1143	02D-HAS1144	02D-HAS1146	02D-HAS1147	02D-HAS1148	02D-HAS1149
1 X 1 X 6	02D-HAS1150	02D-HAS1151	02D-HAS1152	02D-HAS1153	02D-HAS1154	02D-HAS1156	02D-HAS1157	02D-HAS1158	02D-HAS1159

ROUND

3/16 DIA.	—	02D-HAS1160	02D-HAS1161	02D-HAS1162	02D-HAS1163	02D-HAS1165	02D-HAS1167	02D-HAS1168	02D-HAS1169
1/4 DIA.	—	02D-HAS1170	02D-HAS1171	02D-HAS1172	02D-HAS1173	02D-HAS1175	02D-HAS1176	02D-HAS1177	02D-HAS1178
3/8 DIA.	—	02D-HAS1180	02D-HAS1181	02D-HAS1182	02D-HAS1183	02D-HAS1185	02D-HAS1186	02D-HAS1187	02D-HAS1188
1/2 DIA.	—	02D-HAS1190	02D-HAS1191	02D-HAS1192	02D-HAS1193	02D-HAS1195	02D-HAS1206	02D-HAS1207	02D-HAS1208

NOTE: Finishing Stones are sold in a minimum order quantity of 12pcs/box per size & grit with the exception of 3/4x3/4x6 and 1x1x6 stones which will have a minimum order quantity of 6pcs/box per size & grit and 1x2x6 which will have a minimum order quantity of 3pcs/box per size & grit.

QUANTITY DISCOUNTS

10% 48+ OF THE SAME
20% 96+ OF THE SAME



The Falcon Tool “NF” (non-ferrous) finishing stone is a specially treated soft aluminum oxide stone of medium hardness that can be used by hand or in reciprocating profilers like our Turbo-Lap and U-Lap Air Profilers (page 135) and Diprofil Die Profiler (page 138). The “NF” cuts fast and breaks down quickly while leaving an excellent finish. This finishing stone is engineered specifically for aluminum and other soft materials, not scratching or tearing the surface. It must be used with a lubricant such as our Stoning Oil or Polishing Lubricant and Diamond Thinner (page 43) to avoid stone loading.

Available in 150-1200 grit and a wide variety of sizes. Also available in convenient and cost effective Finishing Stone Assortment Sets (pages 40 & 41).

“NF” SPECIALTY FINISHING STONE TREATED ALUMINUM OXIDE

SIZE (IN)	GRITS / ORDER NO.							
	150	220	320	400	600	800	1000	1200
1/8 x 1/4 x 6	02T-NFS1031	02T-NFS1032	02T-NFS1033	02T-NFS1034	02T-NFS1036	02T-NFS1037	02T-NFS1039	02T-NFS1200
1/8 x 1/2 x 6	02T-NFS1041	02T-NFS1042	02T-NFS1043	02T-NFS1044	02T-NFS1046	02T-NFS1047	02T-NFS1049	02T-NFS1201
1/8 x 1 x 6	02T-NFS1051	02T-NFS1052	02T-NFS1053	02T-NFS1054	02T-NFS1056	02T-NFS1057	02T-NFS1059	02T-NFS1202
1/4 x 1/4 x 6	02T-NFS1081	02T-NFS1082	02T-NFS1083	02T-NFS1084	02T-NFS1086	02T-NFS1087	02T-NFS1089	02T-NFS1203
1/4 x 1/2 x 6	02T-NFS1091	02T-NFS1092	02T-NFS1093	02T-NFS1094	02T-NFS1096	02T-NFS1097	02T-NFS1099	02T-NFS1204
1/4 x 1 x 6	02T-NFS1101	02T-NFS1102	02T-NFS1103	02T-NFS1104	02T-NFS1106	02T-NFS1107	02T-NFS1109	02T-NFS1205
1/2 x 1 x 6	02T-NFS1131	02T-NFS1132	02T-NFS1133	02T-NFS1134	02T-NFS1136	02T-NFS1137	02T-NFS1139	02T-NFS1206
1 x 1 x 6	02T-NFS1151	02T-NFS1152	02T-NFS1153	02T-NFS1154	02T-NFS1156	02T-NFS1157	02T-NFS1159	02T-NFS1207

NOTE: Finishing Stones are sold in a minimum order quantity of 12pcs/box per size & grit with the exception of 3/4x3/4x6 and 1x1x6 stones which will have a minimum order quantity of 6pcs/box per size & grit and 1x2x6 which will have a minimum order quantity of 3pcs/box per size & grit.

QUANTITY DISCOUNTS

10% 48+ OF THE SAME
20% 96+ OF THE SAME



The Falcon Tool "PRO" (Premium Oil) finishing stone is an aluminum oxide stone which is pre-filled with lubricant during the manufacturing process which reduces pre-lubrication time. The "PRO" with its medium-hard structure offers excellent breakdown characteristics and retains its shape making it ideal for polishing mold cavity details. Grits 220 and 320 work well for removing EDM (electrical discharge machining) scale. The "PRO" works great on A2, A6, D2, DC53, O6, S7, and P20 and can be used either by hand or with the use of reciprocating profilers like our Turbo-Lap and U-Lap Air Profilers (page 135) and Diprofil Die Profiler (page 138). Must be used with a lubricant such as our Stoning Oil or Polishing Lubricant and Diamond Thinner (page 43) to avoid stone loading.

Available in 120-1200 grit and a wide variety of sizes including round and triangle shapes. Also available in convenient and cost effective Finishing Stone Assortment Sets (pages 40 & 41).

"PRO" SPECIALTY FINISHING STONE TREATED ALUMINUM OXIDE

GRITS / ORDER NO.

SIZE (IN)	120	150	220	320	400	600	800	1000	1200
1/16 X 1/4 X 6	02T-PRO1000	02T-PRO1021	02T-PRO1042	02T-PRO1063	02T-PRO1084	02T-PRO1105	02T-PRO1126	02T-PRO1147	02T-PRO1168
1/16 X 1/2 X 6	02T-PRO1001	02T-PRO1022	02T-PRO1043	02T-PRO1064	02T-PRO1085	02T-PRO1106	02T-PRO1127	02T-PRO1148	02T-PRO1169
1/8 X 1/8 X 6	02T-PRO1002	02T-PRO1023	02T-PRO1044	02T-PRO1065	02T-PRO1086	02T-PRO1107	02T-PRO1128	02T-PRO1149	02T-PRO1170
1/8 X 1/4 X 6	02T-PRO1003	02T-PRO1024	02T-PRO1045	02T-PRO1066	02T-PRO1087	02T-PRO1108	02T-PRO1129	02T-PRO1150	02T-PRO1171
1/8 X 1/2 X 6	02T-PRO1004	02T-PRO1025	02T-PRO1046	02T-PRO1067	02T-PRO1088	02T-PRO1109	02T-PRO1130	02T-PRO1151	02T-PRO1172
1/8 X 1 X 6	02T-PRO1005	02T-PRO1026	02T-PRO1047	02T-PRO1068	02T-PRO1089	02T-PRO1110	02T-PRO1131	02T-PRO1152	02T-PRO1173
1/4 X 1/4 X 6	02T-PRO1007	02T-PRO1028	02T-PRO1049	02T-PRO1070	02T-PRO1091	02T-PRO1112	02T-PRO1133	02T-PRO1154	02T-PRO1175
1/4 X 1/2 X 6	02T-PRO1008	02T-PRO1029	02T-PRO1050	02T-PRO1071	02T-PRO1092	02T-PRO1113	02T-PRO1134	02T-PRO1155	02T-PRO1176
1/4 X 1 X 6	02T-PRO1009	02T-PRO1030	02T-PRO1051	02T-PRO1072	02T-PRO1093	02T-PRO1114	02T-PRO1135	02T-PRO1156	02T-PRO1177
3/8 X 3/8 X 6	02T-PRO1010	02T-PRO1031	02T-PRO1052	02T-PRO1073	02T-PRO1094	02T-PRO1115	02T-PRO1136	02T-PRO1157	02T-PRO1178
1/2 X 1/2 X 6	02T-PRO1011	02T-PRO1032	02T-PRO1053	02T-PRO1074	02T-PRO1095	02T-PRO1116	02T-PRO1137	02T-PRO1158	02T-PRO1179
1/2 X 1 X 6	02T-PRO1012	02T-PRO1033	02T-PRO1054	02T-PRO1075	02T-PRO1096	02T-PRO1117	02T-PRO1138	02T-PRO1159	02T-PRO1180
1 X 1 X 6	02T-PRO1013	02T-PRO1034	02T-PRO1055	02T-PRO1076	02T-PRO1097	02T-PRO1118	02T-PRO1139	02T-PRO1160	02T-PRO1181

ROUND

1/4 DIA.	02T-PRO1019	02T-PRO1035	02T-PRO1060	02T-PRO1081	02T-PRO1102	02T-PRO1119	02T-PRO1140	02T-PRO1161	02T-PRO1182
3/8 DIA.	02T-PRO1014	02T-PRO1036	02T-PRO1061	02T-PRO1082	02T-PRO1103	02T-PRO1122	02T-PRO1143	02T-PRO1164	02T-PRO1185
1/2 DIA.	02T-PRO1020	02T-PRO1038	02T-PRO1062	02T-PRO1083	02T-PRO1104	02T-PRO1123	02T-PRO1144	02T-PRO1165	02T-PRO1186

TRIANGLE

1/4 X 6	02T-PRO1015	02T-PRO1037	02T-PRO1056	02T-PRO1080	02T-PRO1098	02T-PRO1124	02T-PRO1145	02T-PRO1166	02T-PRO1187
3/8 X 6	02T-PRO1016	02T-PRO1039	02T-PRO1057	02T-PRO1079	02T-PRO1099	02T-PRO1125	02T-PRO1146	02T-PRO1167	02T-PRO1188
1/2 X 6	02T-PRO1017	02T-PRO1040	02T-PRO1058	02T-PRO1078	02T-PRO1100	02T-PRO1120	02T-PRO1141	02T-PRO1162	02T-PRO1183
1 X 6	02T-PRO1018	02T-PRO1041	02T-PRO1059	02T-PRO1077	02T-PRO1101	02T-PRO1121	02T-PRO1142	02T-PRO1163	02T-PRO1184

NOTE: Finishing Stones are sold in a minimum order quantity of 12pcs/box per size & grit with the exception of 3/4x3/4x6 and 1x1x6 stones which will have a minimum order quantity of 6pcs/box per size & grit and 1x2x6 which will have a minimum order quantity of 3pcs/box per size & grit.



Finishing Stone Assortment Sets are a convenient and cost-effective way to sample a variety of Falcon Finishing Stones. Sets offer one stone of each grit in sizes 1/8 x 1/2 x 6, 1/4 x 1/2 x 6 or 1/4 x 1 x 6 allowing you to try a selection of grits without having to purchase a full box of one size and grit.

Standard Grit Sets offer the same sizes and grits for each polishing stone type: 150, 220, 320, 400 & 600 grits with the exception of the “R” Stone Set which offers grits 60, 80, 100, 150 & 220.

Fine Grit Sets vary by finishing stone type. See the table below for which grits are included in each set.

Also available is the 56 Piece Assortment Set and Roughing Stone Assortment Set, see details below!

FINISHING STONE SETS STANDARD

Stone Type Standard Set	1/8 x 1/2 x 6		1/4 x 1/2 x 6		1/4 x 1 x 6	
	Standard Grit	Fine Grit	Standard Grit	Fine Grit	Standard Grit	Fine Grit
EDM	02F-EDM9000	02F-EDM9100	02F-EDM9200	02F-EDM9300	02F-EDM9400	02F-EDM9500
GS	02S-GSS9000	02S-GSS9100	02S-GSS9200	02S-GSS9300	02S-GSS9400	02S-GSS9500
N	02A-NDS9000	02A-NDS9100	02A-NDS9200	02A-NDS9300	02A-NDS9400	02A-NDS9500
SE	02E-SES9000	02E-SES9100	02E-SES9200	02E-SES9300	02E-SES9400	02E-SES9500
SO	02B-SOS9000	02B-SOS9100	02B-SOS9200	02B-SOS9300	02B-SOS9400	02B-SOS9500
PO	02C-POS9000	02C-POS9100	02C-POS9200	02C-POS9300	02C-POS9400	02C-POS9500
HA	02D-HAS9000	02D-HAS9100	02D-HAS9200	02D-HAS9300	02D-HAS9400	02D-HAS9500
NF	02T-NFS9000	02T-NFS9100	02T-NFS9200	02T-NFS9300	02T-NFS9400	02T-NFS9500
PRO	02T-PRO9000	02T-PRO9100	02T-PRO9200	02T-PRO9300	02T-PRO9400	02T-PRO9500
R	02H-RUB9000	N/A	02H-RUB9100	N/A	02H-RUB9200	N/A

Fine Grit Sets offer the following grits for each of the following stone types:

Stone Type	320	400	600	800	900	1000	1200
EDM	•	•	•	•	—	•	•
GS	•	•	•	•	—	•	—
N	•	•	•	—	•	—	•
SE	•	•	•	•	—	•	—
SO	•	•	•	•	—	•	•
PO	•	•	•	•	—	•	•
HA	•	•	•	•	—	•	•
NF	•	•	•	•	—	•	•
PRO	•	•	•	•	—	•	•

Roughing Stone Assortment Sets 1/2 x 1 x 8

02U-ROU9000
RO-MED 80, RO-MED 100,
RO-HARD 150, RO-HARD 220,
Roughout 80, Roughout 100,
Ruby 100, Ruby 150
(Ruby stones are 1/2 x 1 x 6)

56 Piece Assortment Set

02Z-MSC1000
56 Piece Set
Includes all grits and types in a
variety of sizes.



Finishing Stone Premium Assortment Sets come with everything you need to get the job done. Premium Sets include (1) 2oz Bottle of Stoning Oil and (1) Finishing Stone Holder (compatible with stone size purchased). Premium Sets are not available in the 1/4 x 1 x 6 size.

Standard Grit Sets offer the same sizes and grits for each polishing stone type: 150, 220, 320, 400 & 600 grits with the exception of the "R" Stone Set which offers grits 60, 80, 100, 150 & 220.

Fine Grit Sets vary by finishing stone type. See the table on page 40 for which grits are included in each set.

FINISHING STONE SETS PREMIUM

Stone Type Premium Set	1/8 x 1/2 x 6		1/4 x 1/2 x 6	
	Standard Grit	Fine Grit	Standard Grit	Fine Grit
EDM	02F-EDM9600	02F-EDM9700	02F-EDM9800	02F-EDM9900
GS	02S-GSS9600	02S-GSS9700	02S-GSS9800	02S-GSS9900
N	02A-NDS9600	02A-NDS9700	02A-NDS9800	02A-NDS9900
SE	02E-SES9600	02E-SES9700	02E-SES9800	02E-SES9900
SO	02B-SOS9600	02B-SOS9700	02B-SOS9800	02B-SOS9900
PO	02C-POS9600	02C-POS9700	02C-POS9800	02C-POS9900
HA	02D-HAS9600	02D-HAS9700	02D-HAS9800	02D-HAS9900
NF	02T-NFS9600	02T-NFS9700	02T-NFS9800	02T-NFS9900
PRO	02T-PRO9600	02T-PRO9700	02T-PRO9800	02T-PRO9900
R	02H-RUB9300	N/A	02H-RUB9400	N/A

GUNSMITH STONING SET

The Perfect Beginner's Gunsmithing Set

This set contains high quality abrasive Finishing Stones and accessories including Finishing Stoning Holders and Stoning Oil designed for cutting sear angles, truing hammer hooks, dressing trigger ways, cleaning slots, shaping/contouring, and general use.

Order No. 02Z-MSC9000



GUNSMITH STONING SET INCLUDES:

"GS" FINISHING STONE

GRIT	SIZE (INCHES)
220	1/16x1/2x6
400	1/16x1/2x6
220	1/8x1/4x6
400	1/8x1/4x6
600	1/8x1/4x6
220	1/4x1x6
400	1/4x1x6
220	1/2x1/2x6
440	1/2x1/2x6
600	1/2x1/2x6

"HA" FINISHING STONE

GRIT	SIZE (INCHES)
220	3/8x6 Triangle
400	3/8x6 Triangle
320	1/4x5/16x6
600	1/4x5/16x6
220	3/32x1/4x6
400	3/32x1/4x6
600	3/32x1/4x6

ACCESSORIES

Stone Holder	1/8x1/4, 1/4x1/4, 1/8x1/2
Stone Holder	1/16x1/4, 1/16x1/2
Stoning Oil	Pint



Falcon Tool Pencil Stones are the perfect size for polishing small, intricate areas. Our complete offering of Finishing Stones are available in this special size 5/32 x 5/32 x 6 and a wide variety of grits.

PENCIL STONES

GRITS / ORDER NO.

TYPE	120	150	180	220	320	400
EDM	—	02I-PEN1500	—	02I-PEN1501	02I-PEN1502	02I-PEN1503
GS	—	02S-GSS1008	02S-GSS1009	02S-GSS1010	02S-GSS1011	02S-GSS1012
N	—	02I-PEN1000	—	02I-PEN1001	02I-PEN1002	02I-PEN1003
SE	—	02I-PEN1400	—	02I-PEN1401	02I-PEN1402	02I-PEN1403
SO	—	02I-PEN1200	—	02I-PEN1201	02I-PEN1202	02I-PEN1203
PO	—	02I-PEN1800	—	02I-PEN1801	02I-PEN1802	02I-PEN1803
HA	—	02I-PEN1300	—	02I-PEN1301	02I-PEN1302	02I-PEN1303
NF	—	02I-PEN1700	—	02I-PEN1701	02I-PEN1702	02I-PEN1703
PRO	02T-PRO1006	02T-PRO1027	—	02T-PRO1048	02T-PRO1069	02T-PRO1090
R	—	02I-PEN1100	—	02I-PEN1101	—	—

TYPE	500	600	800	900	1000	1200
EDM	—	02I-PEN1505	02I-PEN1506	—	02I-PEN1507	02I-PEN1508
GS	—	02S-GSS1013	02S-GSS1014	—	02S-GSS1015	—
N	02I-PEN1004	02I-PEN1005	—	02I-PEN1007	—	02I-PEN1008
SE	02I-PEN1404	02I-PEN1405	02I-PEN1406	02I-PEN1407	02I-PEN1408	—
SO	—	02I-PEN1205	02I-PEN1206	—	02I-PEN1207	02I-PEN1208
PO	—	02I-PEN1805	02I-PEN1806	—	02I-PEN1807	02I-PEN1808
HA	—	02I-PEN1305	02I-PEN1306	—	02I-PEN1307	02I-PEN1308
NF	—	02I-PEN1704	02I-PEN1705	—	02I-PEN1707	02I-PEN1708
PRO	—	02T-PRO1111	02T-PRO1132	—	02T-PRO1153	02T-PRO1174
R	—	—	—	—	—	—

FALCON PENCIL STONE HOLDERS



Pencil Stone • Use for 5/32" Square, 1/4" Diameter Sizes
Order No. 02Z-MS1100



Double End • Use for 1/4" x 1/4", 1/16" x 1/4" and 1/8" x 1/4"
Order No. 02Z-MS1200



The Falcon Tool “R” aluminum oxide roughing stone is extremely fast cutting and performs well on all tool steels. It provides sharp cutting action for fast stock removal. The consistent breakdown allows the stone to be used dry without loading. It can be used either by hand or with reciprocating profilers like our U-Lap and Turbo-Lap Air Profilers (page 135) and Diprofil Die Profiler (page 138). The “R” can be used with or without a lubricant.

Try our Stoning Oil or Polishing Lubricant and Diamond Thinner (page 43).

Available in 60-220 grit and a variety of sizes. Also available in convenient and cost effective Roughing Stone Assortment Sets (pages 40 & 41).

“R” RUBY ROUGHING STONE FAST CUTTING ALUMINUM OXIDE

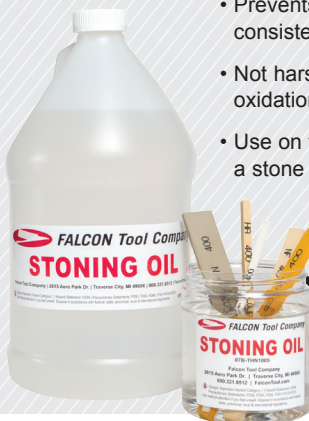
SIZE (IN)	60	80	100	150	220
1/8 X 1/4 X 6	02H-RUB1001	02H-RUB1002	02H-RUB1003	02H-RUB1004	02H-RUB1005
1/8 X 1/2 X 6	02H-RUB1011	02H-RUB1012	02H-RUB1013	02H-RUB1014	02H-RUB1015
3/16 X 3/16 X 6	02H-RUB1021	02H-RUB1022	02H-RUB1023	02H-RUB1024	02H-RUB1025
1/4 X 1/4 X 6	02H-RUB1031	02H-RUB1032	02H-RUB1033	02H-RUB1034	02H-RUB1035
1/4 X 1/2 X 6	02H-RUB1041	02H-RUB1042	02H-RUB1043	02H-RUB1044	02H-RUB1045
1/4 X 1 X 6	02H-RUB1051	02H-RUB1052	02H-RUB1053	02H-RUB1054	02H-RUB1055
3/8 X 3/8 X 6	02H-RUB1061	02H-RUB1062	02H-RUB1063	02H-RUB1064	02H-RUB1065
1/2 X 1/2 X 6	02H-RUB1071	02H-RUB1072	02H-RUB1073	02H-RUB1074	02H-RUB1075
1/2 X 1 X 6	02H-RUB1081	02H-RUB1082	02H-RUB1083	02H-RUB1084	02H-RUB1085
1 X 1 X 6	02H-RUB1091	02H-RUB1092	02H-RUB1093	02H-RUB1094	02H-RUB1095
2 X 1 X 8	02H-RUB1101	02H-RUB1102	02H-RUB1103	02H-RUB1104	02H-RUB1105

STONING OIL AND LUBRICANT

Falcon Tool offers two polishing lubricants to satisfy your application needs: Stoning Oil and Polishing Lubricant & Diamond Thinner. Whether you're stoning or thinning diamond compound, we have the proper lubricant to get the job done.

Stoning Oil

- Petroleum-based lubricant for use with Finishing Stones & Coated Abrasives
- Prevents stone loading & allows for more consistent & free cutting action
- Not harsh on the hands; does not promote oxidation
- Use on the work piece/tool itself or as a stone pre-soak



SIZE	ORDER NO.
2 oz.	07B-THN1004
1 pint	07B-THN1005
1 gallon	07B-THN1006

Polishing Lubricant & Diamond Thinner

- Developed for use with Falcon Tool Diamond Compounds & Finishing Stones
- Doubles as both a stoning lubricant & a thinner for diamond compounds
- Penetrates quickly & lubricates every particle for maximum cutting action
- Helps flush away abraded material while reducing lapping



SIZE	ORDER NO.
6 oz.	07B-THN1000
1 pint	07B-THN1001
1 quart	07B-THN1002
1 gallon	07B-THN1003



ROUGHING STONES

From soft to hard, Roughing Stones enable rapid, aggressive stock removal. Excellent for roughing large molds and dies.

RO-GS Soft aluminum oxide stone great for roughing large tools and dies. Will rapidly remove scratches or machine tool marks.

GRIT / ORDER NO.		80	100	120	150	180	220
1/4 x 1/2 x 8	12 pcs/box	—	02H-ROU0000	02H-ROU0001	—	—	—
1/4 x 1 x 8	12 pcs/box	—	02H-ROU1000	02H-ROU1001	—	—	—
1/2 x 1 x 8	12 pcs/box	—	02H-ROU1010	02H-ROU1011	—	—	—

ROUGHOUT Medium-soft stone with fast breakdown and aggressive cutting action. Excellent for removing cutter marks.

1/4 x 1 x 8	12 pcs/box	02U-ROS1020	02U-ROS1021	02U-ROS1022	—	02U-ROS1023	—
1/2 x 1 x 8	12 pcs/box	02U-ROS1030	02U-ROS1031	02U-ROS1032	—	02U-ROS1033	—
1 x 1 x 8	6 pcs/box	02U-ROS1040	02U-ROS1041	02U-ROS1042	—	02U-ROS1043	—
1 x 2 x 8	3 pcs/box	02U-ROS1050	02U-ROS1051	02U-ROS1052	—	02U-ROS1053	—

RO-MED Medium-hard stone perfect for mold contours because of its fast breakdown.

1/4 x 1 x 8	12 pcs/box	02U-ROS1060	02U-ROS1061	—	02U-ROS1062	—	02U-ROS1063
1/2 x 1 x 8	12 pcs/box	02U-ROS1070	02U-ROS1071	—	02U-ROS1072	—	02U-ROS1073
1 x 2 x 8	3 pcs/box	02U-ROS1080	02U-ROS1081	—	02U-ROS1082	—	02U-ROS1083

RO-HARD Hardest of our roughing stones, offering moderate breakdown characteristics. Excellent for detailing sharp corners and steps.

1/4 x 1 x 8	12 pcs/box	—	—	—	02H-ROU1018	—	02H-ROU1019
1/2 x 1 x 8	12 pcs/box	—	—	—	02H-ROU1020	—	02H-ROU1021
1 x 2 x 8	3 pcs/box	—	—	—	02H-ROU1022	—	02H-ROU1023



STONE HOLDERS FOR HAND USE

Falcon Tool offers an assortment of high quality plastic stone holders for hand polishing with Falcon Finishing Stones. These holders are essential for good control during the polishing process. Available in a number of different sizes including for round stones.

ORDER NO.	DIMENSIONS (MM)
02N-HDR5000	Holder for 1/8x1/4, 1/4x1/4 and 1/8x1/2 Stones
02N-HDR5001	Holder for 1/4x1/4 and 1/4x1/2 Stones
02N-HDR5002	Holder for 3/8" and 1/4" Round Stones
02N-HDR5003	Holder for 1/16x1/4 and 1/16x1/2 Stones
02N-HDR5004	Set containing one of each holder size

STONE HOLDERS



STONE HOLDERS FOR AIR PROFILERS

Falcon Tool offers an assortment of high quality stone holders for both conventional Finishing Stones and Detail Stones for use in air profilers such as our Turbo-Lap and U-Lap Air Profilers.

Use with Air Profilers starting on page 135.

ORDER NO.	DESCRIPTION
02N-HDR5005	Holder for Profiler, 3/16" Shank, for 1/8x1/4 stones
02N-HDR5006	Holder for Profiler, 3/16" Shank, for 1/8x1/2 & 1/4x1/4 stones
02N-HDR5007	Holder for Profiler, 1/8" Shank, for 1/8x1/4 stones
02N-HDR5008	Holder for Profiler, 1/8" Shank, for 1/8x1/2 & 1/4x1/4 stones
02N-HDR5009	Vice Clamp Holder for Profiler, 3/16" Shank
02N-HDR5010	Vice Clamp Holder for Profiler, 1/8" Shank
02N-HDR5024	Large Brass Ring Replacement for Stone Holder
02N-HDR5025	Holder for Profiler, Long, 3/16" Shank, for 1/4" stones
02N-HDR5026	Holder for Profiler, Short, 3/16" Shank, for 1/4" stones
02N-HDR5027	Holder for Profiler, Short, 3/16" Shank, for 1/8" stones
02N-HDR5028	Holder for Profiler, 1/8" Shank, for 1/4" x 1/2" stones
02N-HDR5032	Holder for Profiler, 1/8" Shank, for 1/8" x 1/2" stones





CERAMIC SUPER STONES

SHAPE	SIZE (MM)	VIOLET	GREEN	GOLD	LT. BROWN	ORANGE
		(80 GRIT)	(120 GRIT)	(180 GRIT)	(300 GRIT)	(400 GRIT)
Flat	0.5 x 2 x 100	02M-CVT0900	02M-CGR1004	02M-CGO1104	02M-CBR1204	02M-COR1304
Flat	0.5 x 4 x 100	02M-CVT0901	02M-CGR1005	02M-CGO1105	02M-CBR1205	02M-COR1305
Flat	0.5 x 6 x 100	02M-CVT0902	02M-CGR1006	02M-CGO1106	02M-CBR1206	02M-COR1306
Flat	0.8 x 4 x 100	02M-CVT0904	02M-CGR1007	02M-CGO1107	02M-CBR1207	02M-COR1307
Flat	0.8 x 6 x 100	02M-CVT0905	02M-CGR1008	02M-CGO1108	02M-CBR1208	02M-COR1308
Flat	0.8 x 10 x 100	02M-CVT0903	02M-CGR1009	02M-CGO1109	02M-CBR1209	—
Flat	1 x 4 x 50	02M-CVT0906	02M-CGR1010	02M-CGO1110	—	—
Flat	1 x 1 x 100	—	—	—	—	—
Flat	1 x 2 x 100	02M-CVT0907	02M-CGR1011	02M-CGO1111	02M-CBR1210	02M-COR1309
Flat	1 x 4 x 100	02M-CVT0908	02M-CGR1012	02M-CGO1112	02M-CBR1211	02M-COR1310
Flat	1 x 6 x 100	02M-CVT0909	02M-CGR1013	02M-CGO1113	02M-CBR1212	02M-COR1311
Flat	1 x 10 x 100	02M-CVT0910	02M-CGR1014	02M-CGO1114	02M-CBR1213	02M-COR1312
Flat	1.5 x 4 x 100	02M-CVT0911	02M-CGR1015	02M-CGO1115	02M-CBR1214	02M-COR1313
Flat	1.5 x 6 x 100	02M-CVT0912	02M-CGR1016	02M-CGO1116	02M-CBR1215	02M-COR1314
Round	2.35 x 50	—	—	—	—	02M-COR1315
Round	2.35 x 100	02M-CVT0913	02M-CGR1017	02M-CGO1117	02M-CBR1216	—
Round	3 x 50	02M-CVT0914	02M-CGR1018	02M-CGO1118	02M-CBR1217	02M-COR1316
Round	3 x 100	02M-CVT0915	02M-CGR1019	02M-CGO1119	02M-CBR1218	02M-COR1317
Round	3.175 x 50	02M-CVT0916	02M-CGR1020	02M-CGO1120	02M-CBR1219	02M-COR1318

MINIATURE CERAMIC SUPER STONES

SHAPE	SIZE	VIOLET	GREEN	GOLD	LT. BROWN	ORANGE
		(80 GRIT)	(120 GRIT)	(180 GRIT)	(300 GRIT)	(400 GRIT)
Flat	0.5 x 0.5 x 50	02M-CVT0917	02M-CGR1000	02M-CGO1100	02M-CBR1200	02M-COR1300
Flat	0.7 x 0.7 x 50	02M-CVT0918	02M-CGR1001	02M-CGO1101	02M-CBR1201	02M-COR1301
Flat	0.9 x 0.9 x 50	02M-CVT0919	02M-CGR1002	02M-CGO1102	02M-CBR1202	02M-COR1302
Flat	1.4 x 1.4 x 50	02M-CVT0920	02M-CGR1003	02M-CGO1103	02M-CBR1203	02M-COR1303

THE PERFECT STONES FOR FINE DETAIL POLISHING

Strong, flexible and non-loading on all types of metals, Ceramic Super Stones are ideal for fine detail polishing of ribs, slots, sidewalls, and intricate areas. These long-lasting stones are made of long ceramic fibers that can be shaped to a point to fit your application needs. Extremely strong, yet thin and flexible, Ceramic Super Stones won't break even during the most strenuous applications. They can be used in ultrasonic polishers (pages 148 & 149) as well as reciprocating profilers like our Turbo-Lap and U-Lap Air Profilers (page 135) and Diprofil Die Profiler (page 138). They can also be used by hand in one of our detail stone holders (page 48).

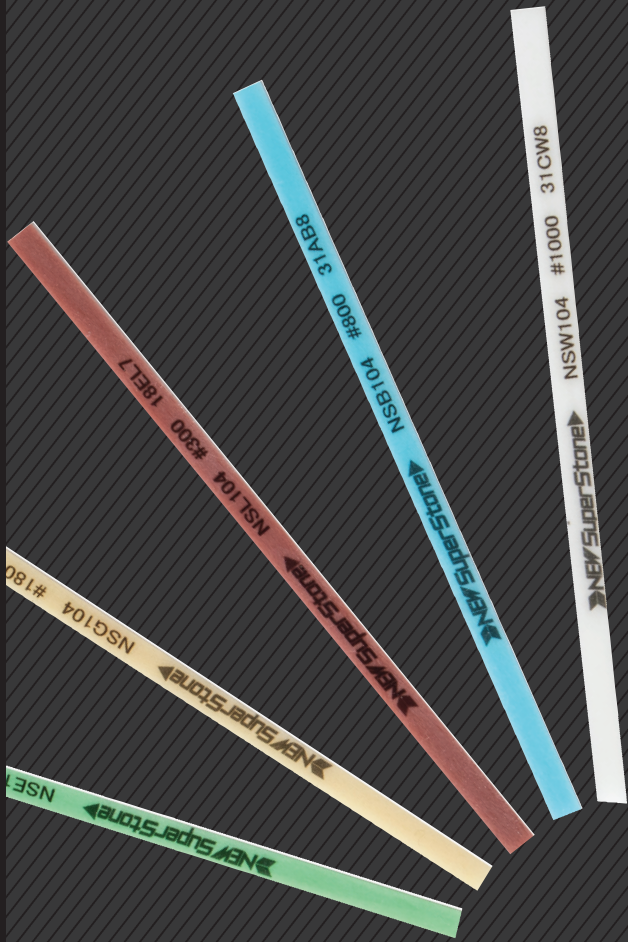
Miniature Ceramic Super Stones offer the same high performance and strength as the standard Ceramic Super Stone and are ideal for gaining access to intricate, inaccessible detail areas. They are used for hand polishing in one of our Miniature Ceramic Super Stone Holders (page 48).

CERAMIC SUPER STONES

BLACK (600 GRIT)	BLUE (800 GRIT)	WHITE (1000 GRIT)	RED (1200 GRIT)	YELLOW (1500 GRIT)	CREAM (2000 GRIT)	PINK (3000 GRIT)
02M-CBK1404	02M-CBL1504	02M-CWH1604	02M-CRD1704	—	—	—
02M-CBK1405	02M-CBL1505	02M-CWH1605	02M-CRD1705	—	—	—
02M-CBK1406	02M-CBL1506	02M-CWH1606	02M-CRD1706	—	—	—
02M-CBK1407	02M-CBL1507	02M-CWH1607	02M-CRD1707	—	—	—
02M-CBK1408	02M-CBL1508	02M-CWH1608	02M-CRD1708	—	—	—
02M-CBK1409	02M-CBL1509	02M-CWH1609	—	—	—	—
02M-CBK1410	02M-CBL1510	—	—	—	—	—
—	—	—	—	02M-CYL1000	02M-CCR1000	02M-CPK1000
02M-CBK1411	02M-CBL1511	02M-CWH1610	02M-CRD1709	02M-CYL1001	02M-CCR1001	02M-CPK1001
02M-CBK1412	02M-CBL1512	02M-CWH1611	02M-CRD1710	—	—	—
02M-CBK1413	02M-CBL1513	02M-CWH1612	02M-CRD1711	—	—	—
02M-CBK1414	02M-CBL1514	02M-CWH1613	02M-CRD1712	—	—	—
02M-CBK1415	02M-CBL1515	02M-CWH1614	02M-CRD1713	—	—	—
02M-CBK1416	02M-CBL1516	—	—	—	—	—
02M-CBK1417	02M-CBL1517	—	02M-CRD1714	—	—	—
02M-CBK1418	02M-CBL1518	—	02M-CRD1715	—	—	—
02M-CBK1419	02M-CBL1519	02M-CWH1615	02M-CRD1716	—	—	—
02M-CBK1420	02M-CBL1520	02M-CWH1616	02M-CRD1717	—	—	—
02M-CBK1421	02M-CBL1521	02M-CWH1617	02M-CRD1718	—	—	—

BLACK (600 GRIT)	BLUE (800 GRIT)	WHITE (1000 GRIT)	RED (1200 GRIT)
02M-CBK1400	02M-CBL1500	02M-CWH1600	02M-CRD1700
02M-CBK1401	02M-CBL1501	02M-CWH1601	02M-CRD1701
02M-CBK1402	02M-CBL1502	02M-CWH1602	02M-CRD1702
02M-CBK1403	02M-CBL1503	02M-CWH1603	02M-CRD1703

QUANTITY DISCOUNTS
 10% 5+ OF THE SAME



CERAMIC SUPER STONE SETS

An economical way to have a variety of stones on hand to meet any polishing need. Miniature Ceramic Super Stone Sets come with holders (each set contains one of each grit listed).

CERAMIC SUPER STONE SETS

ORDER NO.	DIMENSIONS (MM)	GRITS
02M-CKT9001	1 x 4 x 100	120, 180, 300, 800, 1000
02M-CKT9005	1 x 4 x 100	80, 120, 180
02M-CKT9002	1 x 6 x 100	120, 180, 300, 800, 1000
02M-CKT9006	1 x 6 x 100	80, 120, 180

MINIATURE CERAMIC SUPER STONE SETS

ORDER NO.	DIMENSIONS (MM)	GRITS
02M-CKT9003	0.5 x 0.5 x 50	120, 300, 600, 1200
02M-CKT9004	0.7 x 0.7 x 50	120, 300, 600, 1200

STONE HOLDERS FOR CERAMIC SUPER STONES AND CRISTONE® PRODUCTS

Stone holders for hand polishing with Ceramic Super Stones, Miniature Ceramic Super Stones and Cristone® Crystal Fiber Stones are essential for good control during the polishing process.



CERAMIC SUPER STONE & CRISTONE® HOLDERS

ORDER NO.	DIMENSIONS (MM)
02N-HDR5033	1
02N-HDR5011	3 (round)
02N-HDR5012	4
02N-HDR5013	6
02N-HDR5014	10
02N-HDR5015	Set Including 4, 6 & 10 mm holders

MINIATURE CERAMIC SUPER STONE HOLDERS

ORDER NO.	DIMENSIONS (MM)
02N-HDR5016	0.5 x 0.5
02N-HDR5017	0.7 x 0.7
02N-HDR5018	0.9 x 0.9
02N-HDR5019	1.4 x 1.4



ADVANCING THE FUTURE OF DETAIL POLISHING WITH HIGH POLISHING EFFICIENCY AND INCREDIBLE BENDING STRENGTH

Cristone® Crystal Fiber Stones are made with the highest quality, chemically produced crystal fibers creating a crystalline structure that is perfect for detail polishing. Cristones® provide optimal surface finishes and are the perfect stones for polishing ribs, slots, sidewalls, and intricate areas on all types of mold and die materials. They can be used in ultrasonic polishers (pages 148 & 149) as well as reciprocating profilers like our Turbo-Lap and U-Lap Air Profilers (page 135) and Diprofil Die Profiler (page 138). They can also be used by hand in one of our detail stone holders (page 48).

CRISTONE® CRYSTAL FIBER STONES & SETS

SHAPE	DIMENSIONS (MM)	GREEN (150 GRIT)	PINK (200 GRIT)	VIOLET (400 GRIT)	ORANGE (600 GRIT)	BLUE (800 GRIT)	WHITE (1000 GRIT)
Flat	1 x 2 x 100	02P-KGR1000	02P-KPK1100	02P-KVT1200	02P-KOR1300	02P-KBL1400	02P-KWH1500
Flat	1 x 4 x 100	02P-KGR1001	02P-KPK1101	02P-KVT1201	02P-KOR1301	02P-KBL1401	02P-KWH1501
Flat	1 x 6 x 100	02P-KGR1002	02P-KPK1102	02P-KVT1202	02P-KOR1302	02P-KBL1402	02P-KWH1502
Flat	1 x 10 x 100	02P-KGR1003	02P-KPK1103	02P-KVT1203	02P-KOR1303	02P-KBL1403	02P-KWH1503
Flat	1 x 13 x 100	02P-KGR1004	02P-KPK1104	02P-KVT1204	02P-KOR1304	02P-KBL1404	02P-KWH1504
Round	2.35 x 50	02P-KGR1005	02P-KPK1105	02P-KVT1205	02P-KOR1305	02P-KBL1405	02P-KWH1505
Round	2.35 x 100	02P-KGR1006	02P-KPK1106	02P-KVT1206	02P-KOR1306	02P-KBL1406	02P-KWH1506
Round	3 x 50	02P-KGR1007	02P-KPK1107	02P-KVT1207	02P-KOR1307	02P-KBL1407	02P-KWH1507
Round	3 x 100	02P-KGR1008	02P-KPK1108	02P-KVT1208	02P-KOR1308	02P-KBL1408	02P-KWH1508



CRISTONE® CRYSTAL FIBER STONE SETS

(Each set contains one of each grit listed)

ORDER NO.	DIMENSIONS (MM)	GRITS
02P-KKT9000	1 x 4 x 100	150, 400, 800
02P-KKT9001	1 x 4 x 100	150, 200, 400, 600, 800, 1000

QUANTITY DISCOUNTS
10% 5+ OF THE SAME



Ceramic abrasive bristles provide fine surface polishing and high performance deburring of precision parts. Cristone® End Bristle Brushes use a nano structure, helping to keep its form while working and providing stable grinding performance. These brushes greatly reduce process time reducing your cost and increasing production efficiency.

CRISTONE® END BRISTLE BRUSHES

- Aggressive finishing and tool mark removal.
- Works well on hardened steels, carbon steels, pre-hardened steels, alloy steels, brass, aluminum and composites.
- Perfect tool to use for cross hole deburring, surface finishing and polishing of aircraft parts, engine blocks and medical devices.
- Save time by finishing surface roughness by using only one low grit.
- Bristles spread out when brush rotates for cross hole and inner hole polishing.
- Available in 1 size and 10 grits ranging from 150 grit to 6000 grit.

Do not use with a pneumatic tool. Electric tools or CNC machines only.

GREEN (150 grit)	PINK (200 grit)	VIOLET (400 grit)	ORANGE (600 grit)	BLUE (800 grit)
02P-EBB1000	02P-EBB1001	02P-EBB1002	02P-EBB1003	02P-EBB1004
Material: Grits 150 - 800 - Carbon Steels/Stainless Steel/Tool Steels				
WHITE (1000 grit)	RED (1200 grit)	DARK GREEN (2000 Grit)	DARK RED (3000 Grit)	LIGHT VIOLET (6000 Grit)
02P-EBB1005	02P-EBB1006	02P-EBB1007	02P-EBB1008	02P-EBB1009
Material: Grits 800 - 3000 - Aluminum/Alloy				Material: Grits 3000 & 6000 Composite/Copper

*Recommended RPM for grits #150 - #1000: 6,000 - 12,000. **Max Speed** is 15,000 RPM

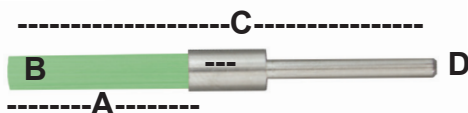
*Recommended RPM for grit #1200 - #2000: 6,000 - 8,000. **Max Speed** is 12,000 RPM

*Recommended RPM for grit #3000: 5,000 - 8,000. **Max Speed** is 10,000 RPM

*Recommended RPM for grit #6000: 3,000 - 4,000. **Max Speed** is 6,000 RPM

***Do not use** with a pneumatic tool. Electric tools or CNC machines only.

Brush Length (A)	Bristle (B)	Overall Length (C)	Shank (D)
20mm	5mm	49mm	3mm



The brush length will become shorter while in use. This chart shows rotation speed = amount of length shortened in mm.

RPM	#400	#1000	#1200	#2000	#3000
2000	5.0	5.0	6.5	7.3	6.6
3000	5.0	6.0	7.5	7.7	8.1
4000	5.2	6.8	9.7	8.8	10.5
5000	7.0	8.0		10.0	
6000		10.0		13.1	
10000	9.0	14.5			
14000	16.0				



CUT AND POLISH IN ALL DIRECTIONS. EXCELLENT FOR USE IN RIBS, HARD-TO-REACH SLOTS AND SIDEWALLS.

Ceramic Diamond Stones are formulated with a combination of ceramic fibers and evenly distributed diamond particles to impart a continuous cutting action. They are excellent tools for polishing carbide and hardened surfaces. They can be used in reciprocating profilers like our Turbo-Lap and U-Lap Air Profilers (page 135) and Diprofil Die Profiler (page 138). They can also be used by hand in one of our detail stone holders (page 48).

CERAMIC DIAMOND STONES

SHAPE	DIMENSIONS (MM)	BLACK (200 GRIT)	BLUE (400 GRIT)	GRAY (800 GRIT)
Flat	1 x 4 x 100	02Q-DBL1001	02Q-DGY1101	02Q-DGY2201
Flat	1 x 6 x 100	02Q-DBL1002	02Q-DGY1102	02Q-DGY2202
Flat	1 x 10 x 100	02Q-DBL1003	02Q-DGY1103	02Q-DGY2203
Round	3.0 x 50	—	02Q-DGY1104	—
Round	3.0 x 100	—	02Q-DGY1105	—

CERAMIC DIAMOND STONE SET

(Each set contains one of each grit listed)

ORDER NO.	DIMENSIONS (MM)	GRITS
02Q-DKT9001	1 x 4 x 100	200, 400, 800
02Q-DKT9000	1 x 6 x 100	200, 400, 800

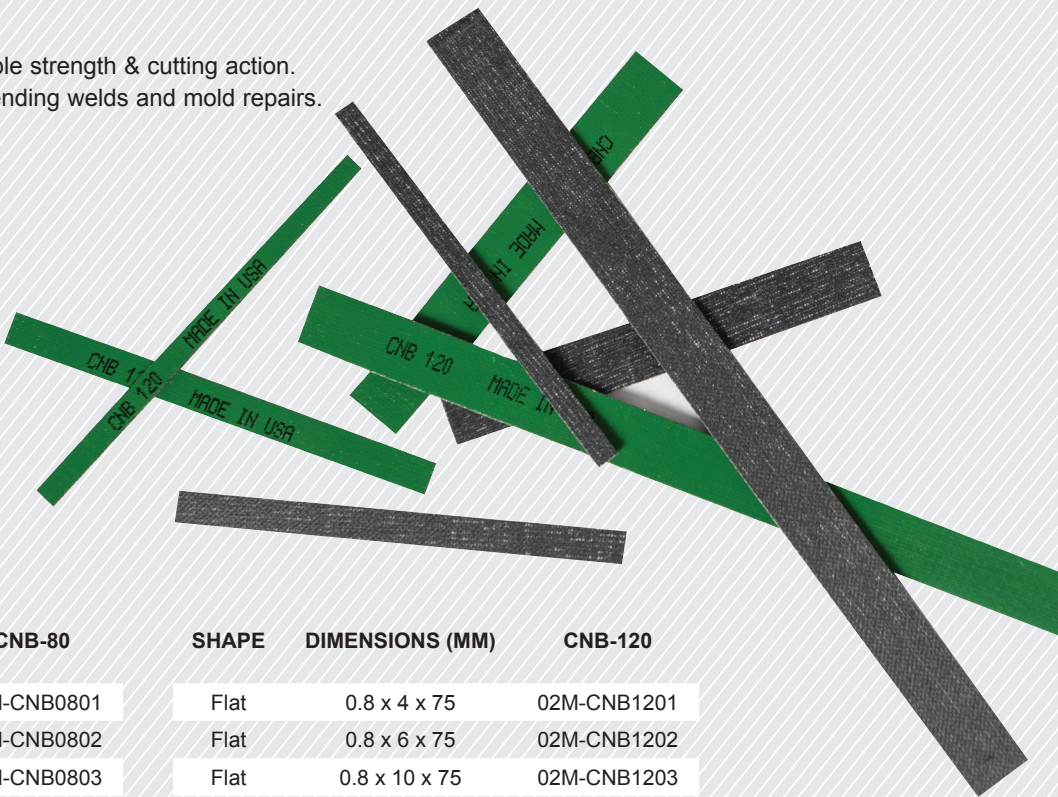
QUANTITY DISCOUNTS
 10% 5+ OF THE SAME

CNB-80 & CNB-120

Advanced composite provides incredible strength & cutting action. The CNB is an outstanding tool for blending welds and mold repairs.

PRODUCT FEATURES:

- Cuts the hardest tool steel
- Extremely aggressive
- Very coarse and fast cutting
- Holds its shape
- Consistent breakdown
- CNB-120 fibers are 30% finer than CNB-80
- Makes weld bead removal fast and seamless
- Made in the USA



SHAPE	DIMENSIONS (MM)	CNB-80	SHAPE	DIMENSIONS (MM)	CNB-120
Flat	1.2 x 4 x 75	02M-CNB0801	Flat	0.8 x 4 x 75	02M-CNB1201
Flat	1.2 x 6 x 75	02M-CNB0802	Flat	0.8 x 6 x 75	02M-CNB1202
Flat	1.2 x 10 x 75	02M-CNB0803	Flat	0.8 x 10 x 75	02M-CNB1203
Flat	1.2 x 10 x 150	02M-CNB0804	Flat	0.8 x 10 x 150	02M-CNB1204

ARKANSAS ABRASIVE FILES

Falcon Tool's Arkansas Files are classic, natural sharpening and finishing stones. They are made of novaculite and are very dense, fine-grained natural stones that are ideal for creating the sharpest edges and the most precise, polished finishes. They are the ultimate finishing stone!

ARKANSAS SQUARE FILES

STYLE NO.	ORDER NO.	SIZE (INCHES)
HF13	02L-AAF1000	3-3-1/2 x 1/4
HF33	02L-AAF1001	3-3-1/2 x 3/8
HF43	02L-AAF1002	3-3-1/2 x 1/2



ARKANSAS PEN KNIFE PIECES

STYLE NO.	ORDER NO.	SIZE (INCHES)
MT124	02L-AAF1207	4 x 1 x 1/4



ARKANSAS THREE SQUARE FILES

STYLE NO.	ORDER NO.	SIZE (INCHES)
HF113	02L-AAF1100	3-3-1/2 x 1/4
HF133	02L-AAF1101	3-3-1/2 x 3/8
HF143	02L-AAF1102	3-3-1/2 x 1/2



ARKANSAS ENGRAVERS POINT & CHUCK



STYLE NO.	ORDER NO.	SIZE (INCHES)
Point AT11	02L-AAF1400	1 x 1/8
Chuck XT1	02K-IAF2100	N/A

SPECIAL SHAPED ARKANSAS FILES

SHAPE	STYLE NO.	ORDER NO.	SIZE (INCHES)
 Round	HF813	02L-AAF1200	3-3-1/2 x 1/4-5/16
 Flat	HF823	02L-AAF1201	3-3-1/2 x 3/8-1/2 x 1/8-3/16
 Bevel	HF833	02L-AAF1202	3-3-1/2 x 3/8-1/2 x 1/8-3/16
 Diamond	HF843	02L-AAF1203	3-3-1/2 x 1/2 x 3/16-1/4
 Oval	HF853	02L-AAF1204	3-3-1/2 x 1/2 x 3/16-1/4
 Point	HF863	02L-AAF1205	3-3-1/2 x 1/4 Base
 Knife	HF873	02L-AAF1206	3-4 x 3/4-1 x 1/8-1/4

INDIA STONE GRITS

Fine (F) 320 Grit
 Medium (M) 240 Grit
 Coarse (C) 100 Grit

INDIA ABRASIVE FILES

India stones are made of aluminum oxide abrasive, brown in color. This abrasive is preferred for producing exceptionally keen, long lasting edges, and for high quality steel tool work. India stones are available in coarse, medium and fine grits.

INDIA FILE TYPES**INDIA SQUARE FILES**

Ideal for a variety of applications including lapping/honing to close tolerances to produce the finest edge on precision parts, die work & delicate tools.

INDIA THREE SQUARE FILES

Ideal for a variety of deburring, chamfering & radiusing applications. Produces strong, long-lasting edges & uniform finishes.

INDIA TAPER THREE SQUARE FILES

These impart the correct edge in the least amount of time & are used for a variety of deburring, chamfering & radiusing applications.

INDIA DIAMOND FILES

Ideal for cleaning acute angles in dies & molds & stoning geometric chasers. Produces strong, long-lasting edges & uniform finishes.

INDIA ROUND FILES

Ideal for deburring, chamfering, radiusing, lapping, honing, & cleaning radius tools to a burr-free edge.

INDIA TAPER ROUND FILES

Ideal for deburring, chamfering, radiusing, lapping, honing, & cleaning radius tools to a burr-free edge on unique shapes.

INDIA HALF ROUND FILES

Offer both a round & a flat surface & are made for imparting a fine finish on precision machine parts, tools & dies. Designed to produce keen edges & uniform finishes.

INDIA KNIFE BLADES

Quickly sharpen, hone & maintain the edges and points of cutting tools. Also the choice for clock & watchmakers for ability to quickly produce sharp edges & points.

INDIA POINTS

Allows quick cleaning of tight corners & recesses without removing too much material. Ideal for applications requiring close tolerances & accuracy.

INDIA SILVERSMITH'S STONES

Specially shaped for use by silversmiths & mechanics. Ideal for close tolerance lapping & cleaning tools & dies.

INDIA BENCH STONES

Produce a strong, long-lasting edge on all types of knives, plane blades, chisels, & more. Ideal for hand dimensioning & sharpening of tools requiring a flat, sharp edge.

INDIA COMBINATION BENCH STONES

Produce keen, long-lasting edges with unique combination of coarse & fine grit aluminum oxide. Offers a coarse (120 grit) surface & a fine (320 grit) surface.

INDIA ROUND EDGE SLIPS

Precision tools designed to maintain their shape while achieving a uniform finish. Quickly produces strong, keen long-lasting edges & quality finishes.

INDIA REAMER STONES

Shaped to impart a professional edge on reamers & taps. Durable & fast cutting, they deliver a fine finish & long-lasting edge.

ROUND CRYSTOLON COMBINATION STONE

Quickly sharpens & finishes cutting edges. It's silicon carbide abrasive sharpens & removes stock fast. Offers a coarse (120 grit) surface & a fine (320 grit) surface.

INDIA SQUARE FILES

STYLE NO.	ORDER NO.	SIZE (INCHES)
FF14	02K-IAF1000	4 x 1/4
MF14	02K-IAF1001	4 x 1/4
CF14	02K-IAF1002	4 x 1/4
FF34	02K-IAF1003	4 x 3/8
MF34	02K-IAF1004	4 x 3/8
CF34	02K-IAF1005	4 x 3/8
FF44	02K-IAF1006	4 x 1/2
MF44	02K-IAF1007	4 x 1/2
CF44	02K-IAF1008	4 x 1/2
FF46	02K-IAF1009	6 x 1/2
MF46	02K-IAF1010	6 x 1/2
CF46	02K-IAF1011	6 x 1/2
FF56	02K-IAF1012	6 x 5/8
MF56	02K-IAF1013	6 x 5/8
CF56	02K-IAF1014	6 x 5/8
FF66	02K-IAF1015	6 x 3/4
MF66	02K-IAF1016	6 x 3/4
CF66	02K-IAF1017	6 x 3/4
FF76	02K-IAF1018	6 x 1
MF76	02K-IAF1019	6 x 1
CF76	02K-IAF1020	6 x 1

INDIA THREE SQUARE FILES

STYLE NO.	ORDER NO.	SIZE (INCHES)
FF114	02K-IAF1100	4 x 1/4
MF114	02K-IAF1101	4 x 1/4
CF114	02K-IAF1102	4 x 1/4
FF134	02K-IAF1103	4 x 3/8
MF134	02K-IAF1104	4 x 3/8
CF134	02K-IAF1105	4 x 3/8
FF144	02K-IAF1106	4 x 1/2
MF144	02K-IAF1107	4 x 1/2
CF144	02K-IAF1108	4 x 1/2
FF146	02K-IAF1109	6 x 1/2
MF146	02K-IAF1110	6 x 1/2
CF146	02K-IAF1111	6 x 1/2
FF156	02K-IAF1112	6 x 5/8
MF156	02K-IAF1113	6 x 5/8
CF156	02K-IAF1114	6 x 5/8
FF166	02K-IAF1115	6 x 3/4
MF166	02K-IAF1116	6 x 3/4
CF166	02K-IAF1117	6 x 3/4
FF176	02K-IAF1118	6 x 1
MF176	02K-IAF1119	6 x 1
CF176	02K-IAF1120	6 x 1

INDIA TAPER THREE SQUARE FILES

STYLE NO.	ORDER NO.	SIZE (INCHES)
FF544	02K-IAF1500	4 x 1/2 x 1/4
MF544	02K-IAF1501	4 x 1/2 x 1/4
CF544	02K-IAF1502	4 x 1/2 x 1/4

INDIA DIAMOND FILES

STYLE NO.	ORDER NO.	SIZE (INCHES)
FT134	02K-IAF1600	4 x 9/16 x 3/16
MT134	02K-IAF1601	4 x 9/16 x 3/16
CT134	02K-IAF1602	4 x 9/16 x 3/16

INDIA ROUND FILES

STYLE NO.	ORDER NO.	SIZE (INCHES)
FF214	02K-IAF1200	4 x 1/4
MF214	02K-IAF1201	4 x 1/4
CF214	02K-IAF1202	4 x 1/4
FF234	02K-IAF1203	4 x 3/8
MF234	02K-IAF1204	4 x 3/8
CF234	02K-IAF1205	4 x 3/8
FF244	02K-IAF1206	4 x 1/2
MF244	02K-IAF1207	4 x 1/2
CF244	02K-IAF1208	4 x 1/2
FF246	02K-IAF1209	6 x 1/2
MF246	02K-IAF1210	6 x 1/2
CF246	02K-IAF1211	6 x 1/2
FF256	02K-IAF1212	6 x 5/8
MF256	02K-IAF1213	6 x 5/8
CF256	02K-IAF1214	6 x 5/8
FF266	02K-IAF1215	6 x 3/4
MF266	02K-IAF1216	6 x 3/4
CF266	02K-IAF1217	6 x 3/4
FF276	02K-IAF1218	6 x 1
MF276	02K-IAF1219	6 x 1
CF276	02K-IAF1220	6 x 1

INDIA TAPER ROUND FILES

STYLE NO.	ORDER NO.	SIZE (INCHES)
FF644	02K-IAF1400	4 x 1/2 x 1/4
MF644	02K-IAF1401	4 x 1/2 x 1/4
CF644	02K-IAF1402	4 x 1/2 x 1/4

INDIA HALF ROUND FILES

STYLE NO.	ORDER NO.	SIZE (INCHES)
FF314	02K-IAF1300	4 x 1/4
MF314	02K-IAF1301	4 x 1/4
CF314	02K-IAF1302	4 x 1/4
FF324	02K-IAF1303	4 x 5/16
MF324	02K-IAF1304	4 x 5/16
CF324	02K-IAF1305	4 x 5/16
FF334	02K-IAF1306	4 x 3/8
MF334	02K-IAF1307	4 x 3/8
CF334	02K-IAF1308	4 x 3/8
FF344	02K-IAF1309	4 x 1/2
MF344	02K-IAF1310	4 x 1/2
CF344	02K-IAF1311	4 x 1/2

INDIA STONE GRITS
 Fine (F) 320 Grit
 Medium (M) 240 Grit
 Coarse (C) 100 Grit

INDIA KNIFE BLADES

STYLE NO.	ORDER NO.	SIZE (INCHES)
FF724	02K-IAF1800	4 x 1 x 1/8 Back
MF724	02K-IAF1801	4 x 1 x 1/8 Back
CF724	02K-IAF1802	4 x 1 x 1/8 Back

INDIA POINTS

STYLE NO.	ORDER NO.	SIZE (INCHES)
FF723	02K-IAF1700	3 x 5/16 Base
MF723	02K-IAF1701	3 x 5/16 Base
CF723	02K-IAF1702	3 x 5/16 Base

CRYSTOLON COMBINATION STONE

STYLE NO.	ORDER NO.	SIZE (INCHES)
JB64	02K-IAF1929	4 Dia. x 1

INDIA SILVERSMITH'S STONES

STYLE NO.	ORDER NO.	SIZE (INCHES)
FF414	02K-IAF1900	4 x 5/16 x 3/16 x 5/16 x 1/16
MF414	02K-IAF1901	4 x 5/16 x 3/16 x 5/16 x 1/16
CF414	02K-IAF1902	4 x 5/16 x 3/16 x 5/16 x 1/16
FF424	02K-IAF1903	4 x 3/8 x 3/16 x 1/8 x 1/16
MF424	02K-IAF1904	4 x 3/8 x 3/16 x 1/8 x 1/16
CF424	02K-IAF1905	4 x 3/8 x 3/16 x 1/8 x 1/16
FF433	02K-IAF1906	3-1/2 x 7/16 x 3/16
MF433	02K-IAF1907	3-1/2 x 7/16 x 3/16
CF433	02K-IAF1908	3-1/2 x 7/16 x 3/16
FF434	02K-IAF1909	4 x 7/16 x 3/16 x 1/8
MF434	02K-IAF1910	4 x 7/16 x 3/16 x 1/8
CF434	02K-IAF1911	4 x 7/16 x 3/16 x 1/8
FF444	02K-IAF1912	4 x 1/2 x 1/16
MF444	02K-IAF1913	4 x 1/2 x 1/16
CF444	02K-IAF1914	4 x 1/2 x 1/16
FF454	02K-IAF1915	4 x 1/2 x 3/16 x 3/16 x 1/16
MF454	02K-IAF1916	4 x 1/2 x 3/16 x 3/16 x 1/16
CF454	02K-IAF1917	4 x 1/2 x 3/16 x 3/16 x 1/16
FF464	02K-IAF1918	4 x 1/2 x 1/4 x 5/16 x 1/8
MF464	02K-IAF1919	4 x 1/2 x 1/4 x 5/16 x 1/8
CF464	02K-IAF1920	4 x 1/2 x 1/4 x 5/16 x 1/8
FF474	02K-IAF1921	4 x 1/2 x 1/4 x 5/16 x 1/8
MF474	02K-IAF1922	4 x 1/2 x 1/4 x 5/16 x 1/8
CF474	02K-IAF1923	4 x 1/2 x 1/4 x 5/16 x 1/8

INDIA BENCH STONES

STYLE NO.	ORDER NO.	SIZE (INCHES)
CB14	02K-IAF1939	4 x 1 x 1/4
MB14	02K-IAF1925	4 x 1 x 1/4
FB14	02K-IAF1934	4 x 1 x 1/4
CB24	02K-IAF1938	4 x 1 x 1/2
MB24	02K-IAF1926	4 x 1 x 1/2
FB24	02K-IAF1937	4 x 1 x 1/2
MB6	02K-IAF1936	6 x 2 x 1
FB8	02K-IAF1940	8 x 2 x 1
MB8	02K-IAF1941	8 x 2 x 1
CB8	02K-IAF1942	8 x 2 x 1

INDIA COMBINATION STONE

STYLE NO.	ORDER NO.	SIZE (INCHES)
IB64	02K-IAF1931	4 Dia. x 1
IB134	02K-IAF1935	4 x 1-3/4 x 5/8
IB6	02K-IAF1928	6 x 2 x 1
IB45	02K-IAF1945	5 x 2 x 3/4
IB8	02K-IAF1943	8 x 2 x 1

INDIA ROUND EDGE SLIPS

STYLE NO.	ORDER NO.	SIZE (INCHES)
MS24	02K-IAF1932	4-1/2 x 1-3/4 x 1/4 x 1/16
FS24	02K-IAF1933	4-1/2 x 1-3/4 x 1/4 x 1/16
CS34	02K-IAF1948	4-1/2 x 1-3/4 x 3/8 x 1/8
FS34	02K-IAF1944	4-1/2 x 1-3/4 x 3/8 x 1/8
MS44	02K-IAF1930	4-1/2 x 1-3/4 x 1/2 x 3/16
FS44	02K-IAF1927	4-1/2 x 1-3/4 x 1/2 x 3/16

INDIA REAMER STONES

STYLE NO.	ORDER NO.	SIZE (INCHES)
MT123	02K-IAF1946	3-1/2 x 3/4 x 3
MT124	02K-IAF1924	4-1/2 x 1 x 5/16
FT124	02K-IAF1947	4-1/2 x 1 x 5/16
MT125	02K-IAF1950	5 x 1 x 3/16





RUBY DEGUSSIT ABRASIVE FILES, MIDGET FILES & WHETSTONES

WHY THEY'RE BETTER...

Falcon Tool supplies the following kinds of ruby degussit stones:

- Whetstones
- Abrasive Stones
- Midget Files

These stones are made from pure, synthetic, polycrystalline ruby; no bonding agents are ever used!

Because of their highly-sintered, bond-free, aluminum oxide structure, ruby degussit stones are the hardest of their kind available. Result? The performance advantages are many:

- Great wear-resistance
- Even extremely hard materials are worked economically
- Machined parts are left with an outstanding finish
- Profile and edge stability are excellent

The Whetstones, Abrasive Files and Midget Files are offered in extensive sizes and shapes; there's just the right one for each precision need.

SOME USES...

Ruby Degussit Stones are ideal hand tools for all kinds of sharpening, polishing, deburring and fine grinding. Here are some of their other uses:

- Sharpening any kind of tool
- Chamfering cutting tools
- Engraving profiles
- Working hardened steel and other hard and abrasive materials (quartz, glass, ceramics...)

Tool, die and mold makers use these Ruby Degussit Stones, Whetstones and Midget Files in the production of cutting, bending and pressing tools, as well as for sharpening and deburring.

Our Midget Files are especially designed for use in the finishing of holes, slots and formed parts.

SOME TIPS...

Ruby Degussit Stones and Files can be used wet or dry.

When "working wet," Falcon Stoning Oil makes an excellent moistening agent.

When "working dry," a cleaning rubber will remove all traces of the last job.

These tools are easily kept sharp by rubbing them with another Ruby Degussit Stone or file of the same or coarser type. A handlapper can be used to keep them sharp.

These Stones and Files are useful in many ways:

- Deburring
- Chamfering
- Sharpening
- Grinding
- Touching-up
- Scaling

DEGUSSIT ABRASIVE FILES

A pure, polycrystalline ruby, without bond.

THREE SQUARE

STYLE NO.	APPROX. DIMENSIONS	COARSE	MEDIUM	FINE
200	4 x 3/16	—	02J-DEG1000	—
201	4 x 1/4	02J-DEG1001	02J-DEG1002	—
202	4 x 5/16	02J-DEG1003	02J-DEG1004	02J-DEG1005
203	4 x 3/8	—	02J-DEG1007	02J-DEG1008

SQUARE

210	4 x 3/16	—	02J-DEG1012	—
211	4 x 1/4	02J-DEG1013	02J-DEG1014	—
212	4 x 5/16	02J-DEG1015	02J-DEG1016	02J-DEG1017
213	4 x 3/8	02J-DEG1018	02J-DEG1019	02J-DEG1020
214	4-3/4 x 1/2	—	02J-DEG1021	02J-DEG1022

FLAT

220	4 x 1/4 x 1/8	—	02J-DEG1023	02J-DEG1024
221	4 x 5/16 x 1/4	02J-DEG1025	02J-DEG1026	02J-DEG1027

HALF ROUND

STYLE NO.	APPROX. DIMENSIONS	COARSE	MEDIUM	FINE
231	4 x 3/8	02J-DEG1028	02J-DEG1029	—

DIAMOND

240	4 x 1/2 x 3/16	02J-DEG1030	—	—
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ROUND One End Tapered

255	4 x 3/16 x 3/32	02J-DEG1031	—	02J-DEG1032
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DEGUSSIT PENCIL

261	4 x 3/16	—	—	02J-DEG1033
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ROUND

270	4 x 3/16	—	02J-DEG1034	02J-DEG1035
271	4 x 1/4	02J-DEG1036	02J-DEG1037	—
272	4 x 5/16	02J-DEG1038	02J-DEG1039	02J-DEG1040
273	4 x 3/8	02J-DEG1041	02J-DEG1042	02J-DEG1043

KNIFE

291	4 x 5/8 x 1/8	—	02J-DEG1044	02J-DEG1045
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WHETSTONES

A pure, polycrystalline ruby, without bond.

RECTANGULAR

STYLE NO.	APPROX. DIMENSIONS	COARSE	MEDIUM	FINE
100	4 x 1 x 3/8	—	02J-DEG1101	02J-DEG1102
101	6 x 1 x 5/8	—	02J-DEG1104	02J-DEG1105

TAPERED

105	4 x 1-3/16 x 1/4 x 1/16	—	02J-DEG1106	—
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BENCHSTONES cemented in wood case

110	4 x 1 x 3/8	—	02J-DEG1108	02J-DEG1109
111	4-3/4 x 2 x 3/8	—	02J-DEG1111	02J-DEG1112



DEGUSSIT MIDGET FILES

	STYLE NO.	ORDER NO.	DIMENSIONS
□ Square	400	02J-DEG1200	2 x .04
○ Round	401	02J-DEG1201	2 x .04
△ 3-Square	402	02J-DEG1202	2 x .08
□ Square	403	02J-DEG1203	4 x .08
○ Round	404	02J-DEG1204	4 x .08
○ Round	405	02J-DEG1210	4 x .12
▭ Flat	406	02J-DEG1205	2 x .12 x .017
⤿ Half-Round	407	02J-DEG1206	4 x .16 x .08
△ Barrette	409	02J-DEG1207	4 x .2 x .06
⊖ Crossing	411	02J-DEG1208	4 x .16 x .075
△ Triangular	413	02J-DEG1209	4 x .12
COMPLETE SET	402	02J-DEG9000	

Degussit Midget File Complete Set includes one of each of the 11 files listed above, all in fine grit, one holder and two collets.

**USED FOR DEBURRING, SHARPENING AND HONING.**

Falcon Tool offers a selection of aluminum oxide and silicon carbide Combination Bench Sharpening Stones and a Combination Round Knife Sharpening Stone. These tools are perfect for deburring, honing and sharpening applications, are oil treated for quick, non-loading tool sharpening and are made in the USA!

SHARPENING STONES

COMBINATION BENCH SHARPENING STONES

- Available in both aluminum oxide & silicon carbide abrasive options
- Oil treated for quick, non-loading tool sharpening
- Each stone has a coarse (120 grit) and fine (320 grit) surface
- Variety of sizes available

STYLE NO.	ORDER NO.	SIZE
CBA-FC45 Aluminum Oxide	02H-ROU1103	5/8 x 1-5/8 x 4-1/2
CBA-FC67 Aluminum Oxide	02H-ROU1104	1 x 2 x 6
CBA-FC87 Aluminum Oxide	02H-ROU1105	1 x 2 x 8
CBS-FC45 Silicon Carbide	02H-ROU1106	5/8 x 1-5/8 x 4-1/2
CBS-FC67 Silicon Carbide	02H-ROU1100	1 x 2 x 6
CBS-FC87 Silicon Carbide	02H-ROU1101	1 x 2 x 8

**COMBINATION ROUND KNIFE SHARPENING STONE**

- Silicon carbide abrasive knife sharpening stone
- Offers both a coarse (120 grit) surface and a fine (320 grit) surface
- Used for deburring, honing and sharpening applications
- Finger protection groove enables safe reshaping with secure hold
- 4" in diameter and 1-1/2" thick

GRIT	ORDER NO.	SIZE
120/320	02H-ROU1102	4 x 1-1/2"

CUTTING TOOLS



Falcon Tool Company offers a large selection of made in USA cutting tools including Solid Carbide Burs, Carbide Blanks, High Speed Steel Burs, and Tungsten Vanadium Steel Burs to meet the demands of deburring, milling, cleaning, and surface finishing applications.

CUTTING TOOL TYPES

CARBIDE BURS

Wide selection of Solid Carbide Burs in various lengths, fluting styles, shapes, and sizes including Long Shank and Midget Burs.

SOLID CARBIDE BUR STANDARD 1-1/2" LENGTH

Made in USA Solid Carbide Burs available in both 1/8" & 1/4" shank options & a wide variety of shapes, sizes & fluting styles.

SOLID CARBIDE BUR 2" LENGTH

Our standard premium quality bur in a 2" overall length & 1/8" shank. American made!

SOLID CARBIDE BUR 3" LENGTH

Our standard premium quality bur in a 3" overall length & 1/8" shank. American made!

LONG SHANK CARBIDE BURS

A special 1/4" x 6" steel shank offers access to tough, hard-to-reach deburring jobs. American made!

MIDGET CARBIDE BURS

Small carbide burs for accurate applications available in a 3/32" shank & 1-3/4" overall length.

HIGH SPEED STEEL BURS

High quality HSS Burs known for their hardness and durability. Stay sharper longer than Tungsten Vanadium Steel Burs.

TUNGSTEN VANADIUM STEEL BURS

Tough, hard burs with 3/32" shanks for precision cutting due to increased number of flutes and smaller teeth which don't chip as easily. Wear out more quickly than HSS and Carbide Burs but are much less expensive.

CARBIDE BLANKS

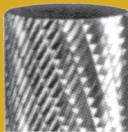
High quality carbide blanks in a full range of materials and sizes to meet your application needs.



CARBIDE BURS

You can expect tool-to-tool consistency from Falcon Tool's made in USA Carbide Burs. Lab inspected raw materials, machine-ground cutting flutes and an automated temperature-controlled brazing process results in a premium quality bur. We offer a wide selection of shapes and sizes including standard 1-1/2" length, special 2" and 3" length, extra long 6" length and midget burs. Meet the demands of most deburring, milling, cleaning and surface finishing applications with this selection or contact Customer Service to find the right bur for your job. Custom cuts, shapes and lengths are available by request.

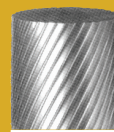
BASIC FLUTING STYLES FOR CARBIDE BURS



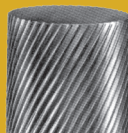
DOUBLE CUT
Very efficient stock removal. Creates a small chip. Good finish. Excellent operator control.



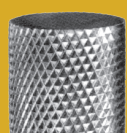
NONFERROUS
For nonferrous materials. Aggressive stock removal.



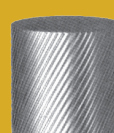
COARSE CUT
Provides large flute area for softer ferrous materials. Fast stock removal.



SINGLE CUT
General purpose fluting. Produces long chips. Ideal for finishing.



DIAMOND CUT
For heat treated and tough alloy steels where control is important. Creates a powder-like chip. Excellent finish.



FINE CUT
For general use on hard materials requiring a fine finish.

DEBURRING RECOMMENDATIONS

Burr Diameter	Minimum RPM	Medium RPM	Maximum RPM (Stainless)
1/16	50000	75000	100000
1/8	30000	60000	90000
3/16	25000	50000	75000
1/4	20000	40000	65000
5/16	15000	35000	60000
3/8	15000	35000	60000
7/16	15000	35000	60000
1/2	10000	30000	50000
5/8	10000	30000	50000
3/4	10000	20000	35000
1	5000	15000	30000

These are recommended speeds for standard length burs only. "Extra Long" burs with 1/4" shanks over 6" long and 1/8" shank burs over 2" long, should be used at reduced speeds. This chart should be considered a starting point, with possible variations to achieve optimum results.



Regulation Safety Glasses should always be worn when using high-speed cutting equipment.

















Falcon Tool offers a full line of Solid Carbide Burs for a wide range of deburring, surface grinding and finishing applications. You can expect tool-to-tool consistency from our made in USA burs. Lab inspected raw materials, machine ground cutting flutes and an automated temperature controlled brazing process results in a premium quality bur.

Standard length is 1-1/2". We also offer 2", 3" and 6" extra long lengths. Choose between 1/8" and 1/4" shank options and a variety of shapes, sizes and fluting styles to fit your application. Burs can be re-sharpened. Contact Customer Service for sharpening support. Standard length burs are also available in cost saving Carbide Bur Sets (page 68). Our SPM80R-IMP Pencil Die Grinder is the perfect tool for precision deburring and finishing with Carbide Burs, see page 137 for more information on this tool.

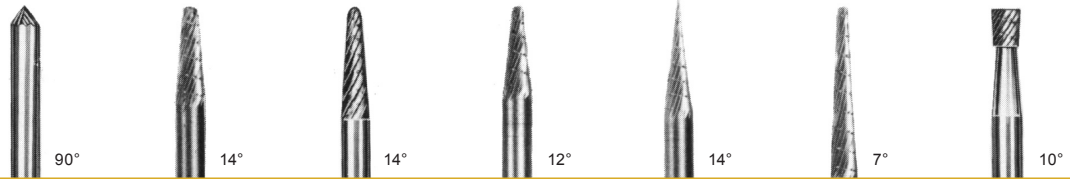
1/8" SHANK
1 1/2" LENGTH

SOLID CARBIDE BURS

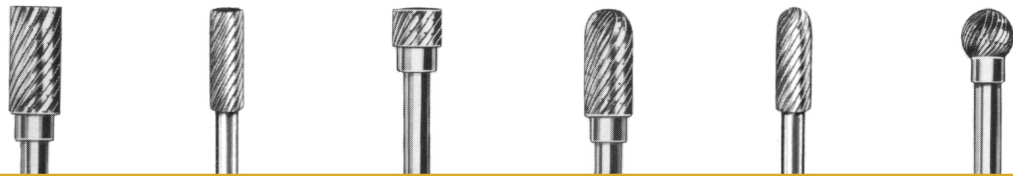
							
Shape No.	1 (SA-41)	2 (SA-42)	3 (SA-43)	4 (SC-41)	5 (SC-42)	6 (SD-41)	7 (SD-42)
Cutter Diameter	1/16"	3/32"	1/8"	3/32"	1/8"	3/32"	1/8"
Flute Length	1/4"	7/16"	9/16"	7/16"	9/16"	3/32"	1/8"
Standard Double Cut	03A-BUR1000	03A-BUR1007	03A-BUR1014	03A-BUR1028	03A-BUR1035	03A-BUR1042	03A-BUR1049
Coarse Double Cut	-	-	-	-	03A-BUR1036	-	03A-BUR1050
Fine Double Cut	03A-BUR1002	03A-BUR1009	03A-BUR1016	-	03A-BUR1037	03A-BUR1044	03A-BUR1051
Standard Diamond Cut	03A-BUR1003	03A-BUR1010	03A-BUR1017	03A-BUR1031	03A-BUR1038	03A-BUR1045	03A-BUR1052
Standard Single Cut	03A-BUR1004	03A-BUR1011	03A-BUR1018	03A-BUR1032	03A-BUR1039	03A-BUR1046	03A-BUR1053
Coarse Single Cut	-	-	03A-BUR1019	-	-	-	03A-BUR1054
Fine Single Cut	-	-	03A-BUR1020	03A-BUR1034	03A-BUR1041	03A-BUR1048	03A-BUR1055

							
Shape No.	8 (SE-41)	9 (SF-41)	10 (SF-42)	11 (SG-41)	12 (SG-44)	13 (SH-41)	14 (SJ-42)
Cutter Diameter	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"
Flute Length	7/32"	1/4"	1/2"	1/4"	1/2"	1/4"	3/32"
Standard Double Cut	03A-BUR1056	03A-BUR1063	03A-BUR1070	03A-BUR1077	03A-BUR1084	03A-BUR1091	03A-BUR1098
Coarse Double Cut	-	-	-	-	03A-BUR1085	03A-BUR1092	-
Fine Double Cut	-	-	-	-	-	-	03A-BUR1100
Standard Diamond Cut	03A-BUR1059	-	03A-BUR1073	-	03A-BUR1087	03A-BUR1094	03A-BUR1101
Standard Single Cut	03A-BUR1060	03A-BUR1067	03A-BUR1074	03A-BUR1081	03A-BUR1088	03A-BUR1095	03A-BUR1102
Coarse Single Cut	03A-BUR1061	-	03A-BUR1075	-	-	-	-
Fine Single Cut	03A-BUR1062	-	03A-BUR1076	-	03A-BUR1090	03A-BUR1097	-

Custom cuts, shafts and lengths available by request. Contact Customer Service for assistance.



Shape No.	15 (SK-42)	16 (SL-41)	17 (SL-42)	18 (SM-41)	19 (SM-42)	20 (SM-43)	21 (SN-42)
Cutter Diameter	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"
Flute Length	1/16"	3/8"	1/2"	11/32"	7/16"	5/8"	3/16"
Standard Double Cut	03A-BUR1105	03A-BUR1112	03A-BUR1119	03A-BUR1126	03A-BUR1133	03A-BUR1140	03A-BUR1147
Coarse Double Cut	03A-BUR1106	-	03A-BUR1120	03A-BUR1127	03A-BUR1134	-	-
Fine Double Cut	03A-BUR1107	03A-BUR1114	03A-BUR1121	-	03A-BUR1135	03A-BUR1142	-
Standard Diamond Cut	03A-BUR1108	-	03A-BUR1122	03A-BUR1129	-	03A-BUR1143	03A-BUR1150
Standard Single Cut	03A-BUR1109	03A-BUR1116	03A-BUR1123	03A-BUR1130	03A-BUR1137	03A-BUR1144	03A-BUR1151
Coarse Single Cut	-	-	-	03A-BUR1131	03A-BUR1138	-	-
Fine Single Cut	-	-	-	03A-BUR1132	-	-	03A-BUR1153



Shape No.	101 (SA-51)	101A (SA-53)	102 (SA-50)	103 (SC-51)	103A (SC-53)	104 (SD-51)
Cutter Diameter	1/4"	3/16"	1/4"	1/4"	3/16"	1/4"
Flute Length	1/2"	1/2"	3/16"	1/2"	1/2"	7/32"
Standard Double Cut	03A-BUR1200	03A-BUR1207	03A-BUR1214	03A-BUR1228	03A-BUR1235	03A-BUR1242
Coarse Double Cut	-	-	-	03A-BUR1229	03A-BUR1236	-
Fine Double Cut	-	03A-BUR1209	-	-	-	03A-BUR1244
Standard Diamond Cut	-	03A-BUR1210	-	-	-	03A-BUR1245
Standard Single Cut	03A-BUR1204	03A-BUR1211	03A-BUR1218	03A-BUR1232	03A-BUR1239	03A-BUR1246
Coarse Single Cut	03A-BUR1205	-	-	-	-	-
Fine Single Cut	-	-	-	-	-	03A-BUR1248

Industry Designation	Shape	Application
SA	Cylinder	Universal Surface Grinding
SB	Cylinder with End Cut	Blind Holes & Inner Contours
SC	Cylinder with Radius	Contouring & Bore Holes
SD	Ball	Contouring & Bore Holes
SE	Oval/Egg	Molds & Fillet Welds
SF	Radius Tree	Molds & Contouring
SG	Pointed Tree	Chamfering & Bore Holes
SH	Flame	Molds & Contouring
SJ	60° Cone	Chamfering & Beveling & Countersinking
SK	90° Cone	Chamfering & Beveling & Countersinking
SL	Taper with Radius	Contouring & Difficult to Access Areas
SM	Pointed Cone	Conical Holes & Grooves & Model Building
SN	Inverted Cone	Inner Edges & Conical Profiles

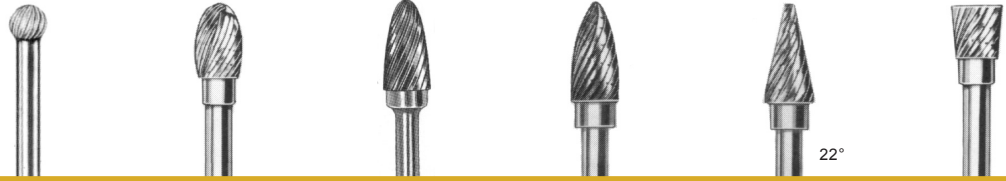
QUANTITY DISCOUNTS

- 5%** 12+ OF THE SAME
- 10%** 50+ OF THE SAME
- 15%** 100+ OF THE SAME

Custom cuts, shafts and lengths available by request. Contact Customer Service for assistance.

SOLID CARBIDE BURS

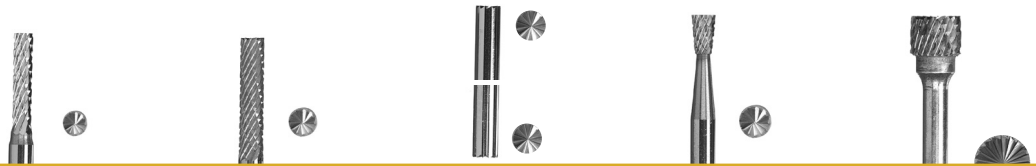
1/8" Shank • Premium Quality • American Made
For Falcon Carbide Bur Sets, see page 68.



Shape No.	104A (SD-53)	105 (SE-51)	106 (SF-51)	107 (SG-51)	108 (SM-51)	109 (SN-51)
Cutter Diameter	3/16"	1/4"	1/4"	1/4"	1/4"	1/4"
Flute Length	5/32"	3/8"	1/2"	1/2"	1/2"	1/4"
Standard Double Cut	03A-BUR1249	03A-BUR1256	03A-BUR1263	03A-BUR1270	03A-BUR1277	03A-BUR1284
Coarse Double Cut	03A-BUR1250	–	–	03A-BUR1271	–	–
Fine Double Cut	03A-BUR1251	–	03A-BUR1265	03A-BUR1272	03A-BUR1279	–
Standard Diamond Cut	03A-BUR1252	–	03A-BUR1266	03A-BUR1273	03A-BUR1280	03A-BUR1287
Standard Single Cut	03A-BUR1253	03A-BUR1260	03A-BUR1267	03A-BUR1274	03A-BUR1281	03A-BUR1288
Coarse Single Cut	–	–	03A-BUR1268	03A-BUR1275	–	–
Fine Single Cut	–	03A-BUR1262	03A-BUR1269	03A-BUR1276	–	–

END CUT BURS

Special End Cut 1/8" Shank
End of Bur Is Single Cut



Shape No.	2 (SB-42)	3 (SB-43)	SB-ECO	21 (SN-42)	102 (SB-51)
Cutter Diameter	3/32"	1/8"	1/8"	1/8"	1/4"
Flute Length	7/16"	9/16"	End Only	3/16"	3/16"
Standard Double Cut	03A-BUR1155	03A-BUR1021	–	03A-BUR1156	03A-BUR1221
Standard Single Cut	–	03A-BUR1025	03A-BUR1157	–	03A-BUR1225

QUANTITY DISCOUNTS

- 5% 12+ OF THE SAME
- 10% 50+ OF THE SAME
- 15% 100+ OF THE SAME

Custom cuts, shafts and lengths available by request. Contact Customer Service for assistance.



Falcon Tool offers a full line of Solid Carbide Burs for a wide range of applications. You can expect tool-to-tool consistency from our made in USA Carbide Burs. Lab inspected raw materials, machine-ground cutting flutes and an automated temperature-controlled brazing process results in a premium quality bur.

Standard overall length is 1-1/2" for this line (2" length, 3" length and extra long shanks also available). Choose between 1/8" and 1/4" shank options and a variety of shapes, sizes and fluting styles to fit your application. Burs can be resharpened. Contact Customer Service for sharpening support. Also available in money saving Carbide Bur Sets (page 68). Our SPM80R-IMP Pencil Die Grinder (page 137) is the perfect tool for precision deburring and finishing with Carbide Burs.

1/4"
SHANK

1 1/2"
LENGTH

SOLID CARBIDE BURS



CYLINDER SHAPE

Shape No.	Cutter Dia.	Cut Length	Standard Double Cut	Standard Single Cut
1101 (SA-11)	1/8"	1/2"	03A-BUR1300	—
1102 (SA-13)	5/32"	5/8"	03A-BUR1307	—
1103 (SA-14)	3/16"	5/8"	03A-BUR1314	03A-BUR1318
1104 (SA-1)	1/4"	5/8"	03A-BUR1321	03A-BUR1325
1105 (SA-2)	5/16"	3/4"	03A-BUR1328	03A-BUR1332
1106 (SA-3)	3/8"	3/4"	03A-BUR1335	03A-BUR1339
1108 (SA-5)	1/2"	1"	03A-BUR1349	—
1111 (SA-15)	3/4"	1/2"	03A-BUR1370	—
1112 (SA-16)	3/4"	3/4"	03A-BUR1377	—



CYLINDER SHAPE WITH END CUT

Shape No.	Cutter Dia.	Cut Length	Standard Double Cut	Standard Single Cut
1201 (SB-11)	1/8"	1/2"	03A-BUR1400	—
1202 (SB-13)	5/32"	5/8"	03A-BUR1407	—
1203 (SB-14)	3/16"	5/8"	03A-BUR1414	—
1204 (SB-1)	1/4"	5/8"	03A-BUR1421	03A-BUR1425
1205 (SB-2)	5/16"	3/4"	03A-BUR1428	—
1206 (SB-3)	3/8"	3/4"	03A-BUR1435	03A-BUR1439
1207 (SB-4)	7/16"	1"	03A-BUR1442	—
1208 (SB-5)	1/2"	1"	03A-BUR1449	03A-BUR1453
1210 (SB-7)	3/4"	1"	03A-BUR1463	—
1213 (SB-9)	1"	1"	03A-BUR1484	03A-BUR1488

QUANTITY DISCOUNTS

5%	12+ OF THE SAME
10%	50+ OF THE SAME
15%	100+ OF THE SAME

Custom cuts, shafts and lengths available by request. Contact Customer Service for assistance.



CYLINDER SHAPE WITH RADIUS END

QUANTITY DISCOUNTS

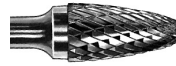
5% 12+ OF THE SAME
 10% 50+ OF THE SAME
 15% 100+ OF THE SAME

Shape No.	Cutter Dia.	Cut Length	Standard Double Cut	Standard Single Cut
1301 (SC-11)	1/8"	1/2"	03A-BUR1500	—
1303 (SC-14)	3/16"	5/8"	03A-BUR1514	03A-BUR1518
1304 (SC-1)	1/4"	5/8"	03A-BUR1521	03A-BUR1525
1305 (SC-2)	5/16"	3/4"	03A-BUR1528	03A-BUR1532
1306 (SC-3)	3/8"	3/4"	03A-BUR1535	03A-BUR1539
1307 (SC-4)	7/16"	1"	03A-BUR1542	—
1308 (SC-5)	1/2"	1"	03A-BUR1549	03A-BUR1553
1309 (SC-6)	5/8"	1"	03A-BUR1556	—
1313 (SC-9)	1"	1"	03A-BUR1570	—



BALL SHAPE

Shape No.	Cutter Dia.	Cut Length	Standard Double Cut	Standard Single Cut
1401 (SD-11)	1/8"	3/32"	03A-BUR1600	03A-BUR1604
1402 (SD-14)	3/16"	1/8"	03A-BUR1607	03A-BUR1611
1403 (SD-1)	1/4"	7/32"	03A-BUR1614	03A-BUR1618
1404 (SD-2)	5/16"	1/4"	03A-BUR1621	03A-BUR1625
1405 (SD-3)	3/8"	5/16"	03A-BUR1628	03A-BUR1632
1406 (SD-4)	7/16"	3/8"	03A-BUR1635	03A-BUR1639
1407 (SD-5)	1/2"	7/16"	03A-BUR1642	03A-BUR1646
1408 (SD-6)	5/8"	9/16"	03A-BUR1649	03A-BUR1653
1409 (SD-7)	3/4"	11/16"	03A-BUR1656	03A-BUR1660
1410 (SD-9)	1"	15/16"	03A-BUR1663	03A-BUR1667



TREE SHAPE WITH RADIUS END

Shape No.	Cutter Dia.	Cut Length	Standard Double Cut	Standard Single Cut
1601 (SF-11)	1/8"	1/2"	03A-BUR1800	03A-BUR1804
1602 (SF-1)	1/4"	5/8"	03A-BUR1807	03A-BUR1811
1603 (SF-3)	3/8"	3/4"	03A-BUR1814	03A-BUR1818
1605 (SF-5)	1/2"	1"	03A-BUR1821	03A-BUR1825
1606 (SF-13)	1/2"	3/4"	03A-BUR1828	03A-BUR1832
1607 (SF-6)	5/8"	1"	03A-BUR1835	—
1608 (SF-7)	3/4"	1"	03A-BUR1842	—
1609 (SF-14)	3/4"	1-1/4"	03A-BUR1849	—



OVAL SHAPE

Shape No.	Cutter Dia.	Cut Length	Standard Double Cut	Standard Single Cut
1501 (SE-11)	3/16"	5/16"	03A-BUR1700	—
1502 (SE-1)	1/4"	3/8"	03A-BUR1707	—
1503 (SE-3)	3/8"	5/8"	03A-BUR1714	03A-BUR1718
1504 (SE-5)	1/2"	7/8"	03A-BUR1721	03A-BUR1725
1505 (SE-6)	5/8"	1"	03A-BUR1728	—
1506 (SE-7)	3/4"	1"	—	03A-BUR1739



TREE SHAPE WITH POINTED END

Shape No.	Cutter Dia.	Cut Length	Standard Double Cut	Standard Single Cut
1701 (SG-1)	1/4"	5/8"	03A-BUR1900	—
1702 (SG-2)	5/16"	3/4"	03A-BUR1907	03A-BUR1911
1703 (SG-3)	3/8"	3/4"	03A-BUR1914	03A-BUR1918
1704 (SG-5)	1/2"	1"	03A-BUR1921	03A-BUR1925
1705 (SG-13)	1/2"	3/4"	03A-BUR1928	—
1706 (SG-6)	5/8"	1"	03A-BUR1935	—
1708 (SG-15)	3/4"	1-1/2"	03A-BUR1949	—

Custom cuts, shafts and lengths available by request. Contact Customer Service for assistance.

SOLID CARBIDE BURS

1/4" Shank



FLAME SHAPE

Shape No.	Cutter Dia.	Cut Length	Standard Double Cut	Standard Single Cut
1804 (SH-2)	5/16"	3/4"	03A-BUR2000	—
1805 (SH-5)	1/2"	1-1/4"	03A-BUR2007	03A-BUR2011
1807 (SH-7)	3/4"	1-5/8"	03A-BUR2021	—



14° TAPER WITH RADIUS END

Shape No.	Cutter Dia.	Cut Length	Standard Double Cut	Standard Single Cut
2101 (SL-1)	1/4"	5/8"	03A-BUR2300	03A-BUR2304
2102 (SL-2)	5/16"	7/8"	03A-BUR2307	03A-BUR2311
2103 (SL-3)	3/8"	1-1/16"	03A-BUR2314	03A-BUR2318
2104 (SL-4)	1/2"	1-1/8"	03A-BUR2321	03A-BUR2325
2105 (SL-5)	5/8"	1-3/16"	03A-BUR2328	—



60° CONE SHAPE

Shape No.	Cutter Dia.	Cut Length	Standard Double Cut	Standard Single Cut
1901 (SJ-1)	1/4"	3/16"	03A-BUR2100	03A-BUR2104
1902 (SJ-3)	3/8"	5/16"	03A-BUR2107	03A-BUR2111
1903 (SJ-5)	1/2"	7/16"	03A-BUR2114	03A-BUR2118
1904 (SJ-6)	5/8"	9/16"	03A-BUR2121	—
1906 (SJ-9)	1"	15/16"	03A-BUR2135	—



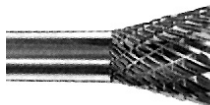
POINTED CONE SHAPE

Shape No.	Cutter Dia.	Cut Length	Included Angle	Standard Double Cut	Standard Single Cut
2201 (SM-1)	1/4"	1/2"	22°	03A-BUR2400	—
2202 (SM-2)	1/4"	3/4"	14°	03A-BUR2407	03A-BUR2411
2203 (SM-3)	1/4"	1"	10°	03A-BUR2414	03A-BUR2418
2204 (SM-4)	3/8"	5/8"	28°	03A-BUR2421	03A-BUR2425
2205 (SM-5)	1/2"	7/8"	28°	03A-BUR2428	—
2206 (SM-6)	5/8"	1"	31°	03A-BUR2435	03A-BUR2439



90° CONE SHAPE

Shape No.	Cutter Dia.	Cut Length	Standard Double Cut	Standard Single Cut
2001 (SK-1)	1/4"	1/8"	03A-BUR2200	03A-BUR2204
2002 (SK-3)	3/8"	3/16"	03A-BUR2207	03A-BUR2211
2003 (SK-5)	1/2"	1/4"	03A-BUR2214	03A-BUR2218
2004 (SK-6)	5/8"	5/16"	03A-BUR2221	03A-BUR2225
2005 (SK-7)	3/4"	3/8"	03A-BUR2228	03A-BUR2232
2006 (SK-9)	1"	1/2"	03A-BUR2235	03A-BUR2239



INVERTED CONE SHAPE

Shape No.	Cutter Dia.	Cut Length	Included Angle	Standard Double Cut	Standard Single Cut
2301 (SN-1)	1/4"	5/16"	10°	03A-BUR2500	—
2302 (SN-2)	3/8"	3/8"	13°	03A-BUR2507	03A-BUR2511
2303 (SN-4)	1/2"	1/2"	28°	03A-BUR2514	—
2305 (SN-7)	3/4"	5/8"	30°	03A-BUR2528	—

QUANTITY DISCOUNTS

5%	12+ OF THE SAME
10%	50+ OF THE SAME
15%	100+ OF THE SAME

Custom cuts, shafts and lengths available by request. Contact Customer Service for assistance.

SOLID CARBIDE BUR SETS

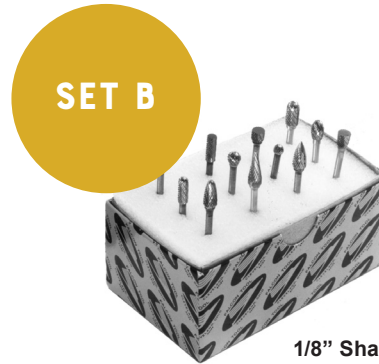


**1/8" Shank Diameter
1-1/2" Overall Length
12 Burs**

1 each of bur 2, 3, 4, 5, 6, 7, 8, 10, 12, 13, 18, 21

Standard Double Cut 03A-BUR9000

Standard Single Cut 03A-BUR9004



**1/8" Shank Diameter
3/16" & 1/4" Head Diameter
12 Burs**

1 each of bur 101, 101A, 102, 103, 103A, 104, 104A, 105, 106, 107, 108, 109

Standard Double Cut 03A-BUR9100

Standard Single Cut 03A-BUR9104



**1/4" Shank Diameter
3/16" & 1/4" Head Diameter
12 Burs**

1 each of bur 1103, 1104, 1303, 1304, 1402, 1403, 1502, 1602, 1701, 2101, 2201, 2301

Standard Double Cut 03A-BUR9200

Standard Single Cut 03A-BUR9204



**1/4" Shank Diameter
3/8" Head Diameter
10 Burs**

1 each of bur 1106, 1306, 1405, 1503, 1603, 1703, 1902, 2002, 2204, 2302

Standard Double Cut 03A-BUR9300

Standard Single Cut 03A-BUR9304

Custom cuts, shafts and lengths available by request. Contact Customer Service for assistance.



SOLID CARBIDE BURS

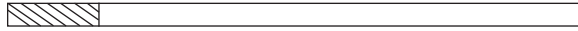
Falcon Tool offers special length carbide burs for tough, hard-to-reach deburring and surface finishing applications. You can expect tool-to-tool consistency from our made in USA burs. Lab inspected raw materials, machine ground cutting flutes and an automated temperature controlled brazing process results in a premium quality bur.

Special lengths include 2", 3" and 6" extra-long lengths. Our 2" and 3" options have an 1/8" shank while the extra long shank burs are provided with 1/4" x 6" long steel shanks which can be easily shortened with a hacksaw. Available in a variety of shapes, sizes and fluting styles to fit your application. Burs can be re-sharpened. Contact Customer Service for sharpening support. Our SPM80R-IMP Pencil Die Grinder is the perfect tool for precision deburring and finishing with Carbide Burs, see page 137 for more information on this tool.

2" Overall Length



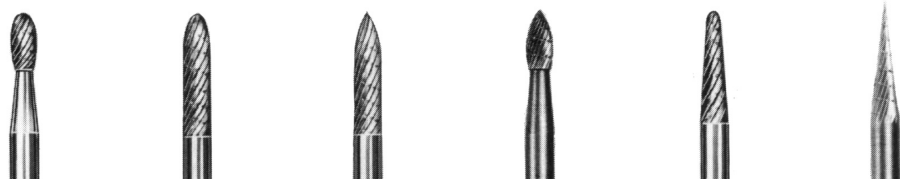
3" Overall Length



Shape No.	1 (SA-41)	2 (SA-42)	3 (SA-43)	3 (SB-43)	5 (SC-42)	6 (SD-42)
Cutter Diameter	1/16"	3/32"	1/8"	1/8"	1/8"	1/8"
Flute Length	1/4"	7/16"	9/16"	9/16"	9/16"	1/8"
2" OAL Double Cut	03A-BUR2701	03A-BUR2702	03A-BUR2703	03A-BUR2704	03A-BUR2705	03A-BUR2706
2" OAL Single Cut	—	03A-BUR2714	03A-BUR2715	—	03A-BUR2717	03A-BUR2718
3" OAL Double Cut	03A-BUR2725	03A-BUR2726	03A-BUR2727	03A-BUR2728	03A-BUR2729	03A-BUR2730
3" OAL Single Cut	03A-BUR2737	03A-BUR2738	03A-BUR2739	—	03A-BUR2741	03A-BUR2742

QUANTITY DISCOUNTS

- 5% 12+ OF THE SAME
- 10% 50+ OF THE SAME
- 15% 100+ OF THE SAME



Shape No:	8 (SE-41)	10 (SF-42)	12 (SG-44)	13 (SH-41)	17 (SL-42)	19 (SM-42)
Cutter Diameter	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"
Flute Length	7/32"	1/2"	1/2"	1/4"	1/2"	7/16"
2" OAL Double Cut	03A-BUR2707	03A-BUR2708	03A-BUR2709	03A-BUR2710	03A-BUR2711	03A-BUR2712
2" OAL Single Cut	03A-BUR2719	03A-BUR2720	03A-BUR2721	03A-BUR2722	03A-BUR2723	03A-BUR2724
3" OAL Double Cut	03A-BUR2731	03A-BUR2732	03A-BUR2733	03A-BUR2734	03A-BUR2735	03A-BUR2736
3" OAL Single Cut	03A-BUR2743	03A-BUR2744	03A-BUR2745	03A-BUR2746	03A-BUR2747	03A-BUR2748

Custom cuts, shafts and lengths available by request. Contact Customer Service for assistance.

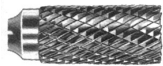


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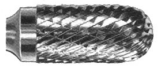
1/4"
SHANK
6"
LENGTHS

LONG SHANK CARBIDE BURS



CYLINDER SHAPE

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT
SA-1L6	1/4"	1/2"	03A-BUR2601
SA-3L6	3/8"	3/4"	03A-BUR2602
SA-5L6	1/2"	1"	03A-BUR2603



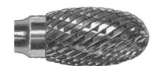
CYLINDER SHAPE RADIUS END

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT	STANDARD SINGLE CUT
SC-1L6	1/4"	1/2"	03A-BUR2604	03A-BUR2627
SC-3L6	3/8"	3/4"	03A-BUR2605	03A-BUR2628



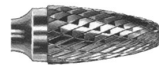
BALL SHAPE

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT	STANDARD SINGLE CUT
SD-1L6	1/4"	7/32"	03A-BUR2607	—
SD-3L6	3/8"	5/16"	—	03A-BUR2631
SD-5L6	1/2"	7/16"	03A-BUR2609	03A-BUR2632



OVAL SHAPE

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT
SE-1L6	1/4"	3/8"	03A-BUR2610
SE-3L6	3/8"	5/8"	03A-BUR2611



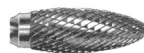
TREE SHAPE RADIUS END

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT
SF-1L6	1/4"	1/2"	03A-BUR2613
SF-3L6	3/8"	3/4"	03A-BUR2614



TREE SHAPE POINTED END

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT
SG-1L6	1/4"	1/2"	03A-BUR2616



FLAME SHAPE

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT
SH-2L6	5/16"	3/4"	03A-BUR2619



14° TAPER RADIUS END

SHAPE NO.	CUTTER DIA.	CUT LENGTH	STANDARD DOUBLE CUT
SL-1L6	1/4"	5/8"	03A-BUR2621
SL-4L6	1/2"	1-1/8"	03A-BUR2623

Custom cuts, shafts and lengths available by request. Contact Customer Service for assistance.



Falcon Tool Midget Carbide Burs are manufactured using high performance carbide of the best grade using a special process which assures a strong bond between the carbide and steel, not affected by temperature. This results in exact concentricity, unusual durability and resistance to wear even under unfavorable conditions.

Overall Length is approximately 1-3/4" and all burs have a 3/32" shank. Looking for a reliable handpiece? Check out our extensive line of equipment including Freedom (pages 141-145) and Dotco (page 139).

Leverage and planing motions must be avoided to prevent breakage. Use only with true running handpieces and chucks. Not recommended for use above 120,000 RPM. Use of eye, face and ear protection is strongly recommended!

3/32"
SHANK

1-3/4"
LENGTH

MIDGET CARBIDE BURS



ROUND

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	1/2	03B-MCB1000	007	.028"
	1	03B-MCB1001	008	.031"
	2	03B-MCB1002	010	.039"
	3	03B-MCB1003	012	.047"
	4	03B-MCB1004	014	.055"
	5	03B-MCB1005	016	.063"
	6	03B-MCB1006	018	.071"
	8	03B-MCB1007	023	.091"
	10	03B-MCB1008	027	.106"



WHEEL

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	14	03B-MCB1009	012	.047"



INVERTED CONE

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	33-1/2	03B-MCB1010	007	.028"
	34	03B-MCB1011	008	.031"
	35	03B-MCB1012	010	.039"
	36	03B-MCB1013	012	.047"
	37	03B-MCB1014	014	.055"
	38	03B-MCB1015	016	.063"
	39	03B-MCB1016	018	.071"



CYLINDER SQUARE SINGLE CUT

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	56	03B-MCB1017	009	.035"
	57	03B-MCB1018	010	.039"
	58	03B-MCB1019	012	.047"
	59	03B-MCB1020	016	.063"



UNIVERSAL SINGLE CUT

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	57U	03B-MCB1021	010	.039"
	58U	03B-MCB1022	012	.047"

QUANTITY DISCOUNTS

5% 72+ OF THE SAME
10% 144+ OF THE SAME

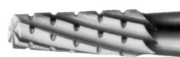
SOLD IN PACKAGES OF 6 PIECES

Custom cuts, shafts and lengths available by request. Contact Customer Service for assistance.



CONE SQUARE TAPER - SINGLE CUT

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	169	03B-MCB1023	008	.031"
	170	03B-MCB1024	010	.039"
	171	03B-MCB1025	014	.055"



CONE SQUARE TAPER - CROSS CUT

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	700	03B-MCB1038	010	.039"
	701	03B-MCB1039	014	.055"
	702	03B-MCB1040	016	.063"
	703	03B-MCB1041	018	.071"



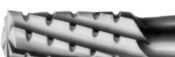
UNIVERSAL TAPER - SINGLE CUT

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	170U	03B-MCB1026	010	.039"
	171U	03B-MCB1027	014	.055"



UNIVERSAL TAPER - CROSS CUT

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	700U	03B-MCB1042	010	.039"
	701U	03B-MCB1043	014	.055"
	702U	03B-MCB1044	016	.063"
	703U	03B-MCB1045	018	.071"



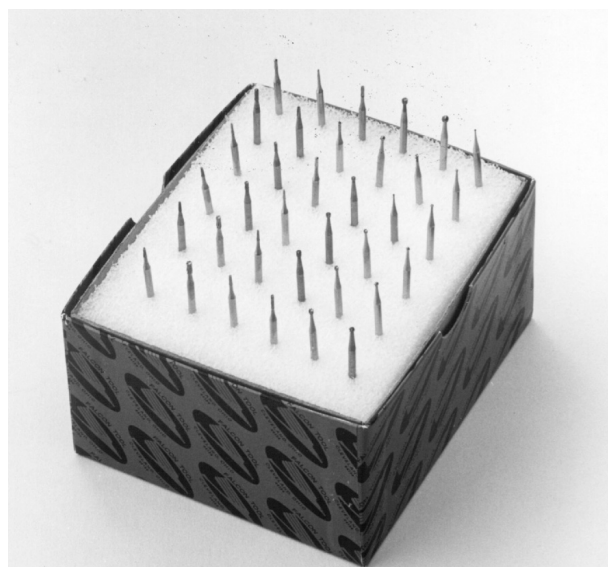
CYLINDER SQUARE CROSS CUT

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	557	03B-MCB1028	010	.039"
	558	03B-MCB1029	012	.047"
	559	03B-MCB1030	014	.055"
	560	03B-MCB1031	016	.063"
	561	03B-MCB1032	018	.071"



UNIVERSAL CROSS CUT

SHAPE	SHAPE NO.	ORDER NO.	ISO NO.	DIA.
	557U	03B-MCB1033	010	.039"
	558U	03B-MCB1034	012	.047"
	559U	03B-MCB1035	014	.055"
	560U	03B-MCB1036	016	.063"
	561U	03B-MCB1037	018	.071"



MIDGET BUR CARBIDE SET

Assorted set of 36 pieces

ORDER NO. 03B-MCB9000

SOLD IN PACKAGES OF 6 PIECES

Custom cuts, shafts and lengths available by request. Contact Customer Service for assistance.



Falcon Tool's made in USA High Speed Steel Burs offer premium quality and performance. Falcon HSS Burs stay sharper longer than Tungsten Vanadium Steel Burs and are known for their hardness and durability. All burs on this page have an 1/8" shank and an overall length of 1-1/2". Also available with 1/4" shank, contact Customer Service for more information.

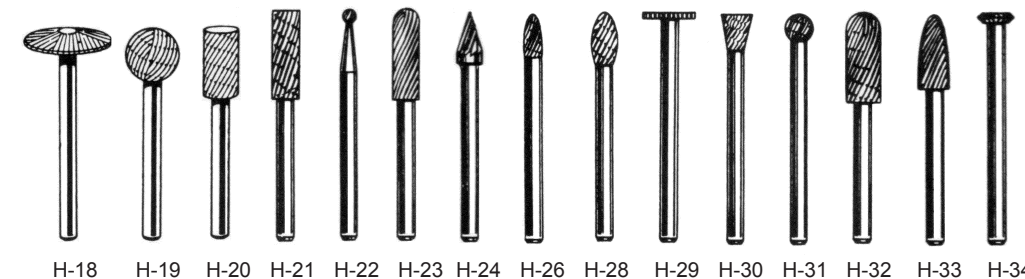
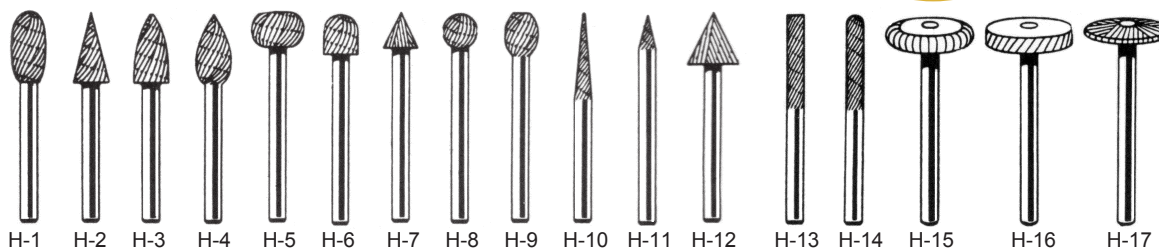
High Speed Steel Burs are recommended for cutting metal, wood or plastic and should be used at regular grinding wheel or point speeds in a flexible shaft, electric or air grinder. Check out our extensive line of equipment on pages 137 - 147 to find the perfect handpiece for use with these HSS Burs.

Always wear safety glasses while operating power tools.

HIGH SPEED STEEL BURS

1/8" SHANK

1-1/2" LENGTH



Tool No.	Order No.	Cut Length	Tool No.	Order No.	Cut Length	Tool No.	Order No.	Cut Length
H-1	03Q-HSB1001	1/4 x 1/2	H-13	03Q-HSB1013	1/8 x 5/8	H-26	03Q-HSB1026	1/8 x 5/16
H-2	03Q-HSB1002	1/4 x 1/2	H-14	03Q-HSB1014	1/8 x 5/8	H-28	03Q-HSB1028	3/16 x 3/8
H-3	03Q-HSB1003	1/4 x 1/2	H-15	03Q-HSB1015	5/8 x 1/8	H-29	03Q-HSB1029	3/8 x 1/32
H-4	03Q-HSB1004	1/4 x 1/2	H-16	03Q-HSB1016	5/8 x 1/8	H-30	03Q-HSB1030	1/4 x 1/4
H-5	03Q-HSB1005	3/8 x 7/32	H-17	03Q-HSB1017	5/8 x 1/8	H-31	03Q-HSB1031	3/16 x 3/16
H-6	03Q-HSB1006	1/4 x 1/4	H-18	03Q-HSB1018	5/8 x 1/8	H-32	03Q-HSB1032	1/4 x 5/8
H-7	03Q-HSB1007	1/4 x 1/4	H-19	03Q-HSB1019	3/8 x 3/8	H-33	03Q-HSB1033	1/4 x 1/2
H-8	03Q-HSB1008	1/4 x 1/4	H-20	03Q-HSB1020	1/4 x 1/2	H-34	03Q-HSB1034	1/4 x 1/16
H-9	03Q-HSB1009	1/4 x 5/16	H-21	03Q-HSB1021	3/16 x 5/8			
H-10	03Q-HSB1010	1/8 x 9/16	H-22	03Q-HSB1022	1/8 x 1/8			
H-11	03Q-HSB1011	1/8 x 1/4	H-23	03Q-HSB1023	3/16 x 5/8			
H-12	03Q-HSB1012	3/8 x 3/8	H-24	03Q-HSB1024	3/16 x 1/4			

Custom cuts, shafts and lengths available by request. Contact Customer Service for assistance.



Falcon Tool's Tungsten Vanadium Steel Burs offer a 3/32" Shank and are a great choice for precision cutting. They generally have more flutes ground on them and have smaller teeth which don't chip as easily. Only a small amount of vanadium is needed to increase the hardness, strength and high temperature stability of steel making these burs tougher and harder. While these burs are less expensive than High Speed Steel Burs or Carbide Burs, they do wear out more quickly.

Always wear safety glasses while operating power tools.

TUNGSTEN VANADIUM STEEL BURS

3/32"
SHANK



FIG. 1 ROUND

Size	ISO	Dia.	Order No.
9/0	0.25	.009	03R-TVB1000
8/0	003	.012	03R-TVB1001
7/0	0.35	.014	03R-TVB1002
6/0	004	.016	03R-TVB1003
5/0	005	.020	03R-TVB1004
4/0	006	.024	03R-TVB1005
3/0	007	.028	03R-TVB1006
2/0	008	.031	03R-TVB1007
0	009	.035	03R-TVB1008
1	010	.039	03R-TVB1009
2	012	.047	03R-TVB1010
3	014	.055	03R-TVB1011
4	015	.059	03R-TVB1012
5	016	.063	03R-TVB1013
6	018	.071	03R-TVB1014
7	021	.083	03R-TVB1015
8	023	.091	03R-TVB1016
9	025	.098	03R-TVB1017
10	027	.106	03R-TVB1018
11	029	.114	03R-TVB1019
12	031	.122	03R-TVB1020
14	035	.138	03R-TVB1022
15	037	.146	03R-TVB1023
16	040	.157	03R-TVB1024
17	042	.165	03R-TVB1025
18	045	.177	03R-TVB1026
19	047	.185	03R-TVB1027



FIG. 2 WHEEL

Size	ISO	Dia.	Order No.
3/0	007	.028	03R-TVB1100
2/0	008	.031	03R-TVB1101
1	010	.039	03R-TVB1103
3	014	.055	03R-TVB1105
5	016	.063	03R-TVB1107



FIG. 3 INVERTED CONE

Size	ISO	Dia.	Order No.
3/0	007	.028	03R-TVB1201
1	010	.039	03R-TVB1204
2	012	.047	03R-TVB1205
3	014	.055	03R-TVB1206
5	016	.063	03R-TVB1208

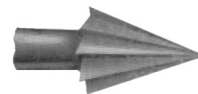


FIG. 5 CONE POINTED

Size	ISO	Dia.	Order No.
4/0	006	.024	03R-TVB1300
3/0	007	.028	03R-TVB1301
0	009	.035	03R-TVB1303
1	010	.039	03R-TVB1304
2	012	.047	03R-TVB1305
3	014	.055	03R-TVB1306
5	016	.063	03R-TVB1307
6	018	.071	03R-TVB1308
7	021	.083	03R-TVB1309
8	023	.091	03R-TVB1310
10	027	.106	03R-TVB1312
13	033	.130	03R-TVB1315
15	037	.146	03R-TVB1317
16	040	.157	03R-TVB1318
18	045	.177	03R-TVB1320

SOLD IN PACKAGES OF 6 PIECES

Custom cuts, shafts and lengths available by request. Contact Customer Service for assistance.

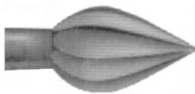


FIG. 6 BUD

Size	ISO	Dia.	Order No.
4/0	006	.024	03R-TVB1400
2/0	008	.031	03R-TVB1402
0	009	.035	03R-TVB1403
1	010	.039	03R-TVB1404
2	012	.047	03R-TVB1405
3	014	.055	03R-TVB1406
4	015	.059	03R-TVB1407
5	016	.063	03R-TVB1408
6	018	.071	03R-TVB1409
7	021	.083	03R-TVB1410
8	023	.091	03R-TVB1411
10	027	.106	03R-TVB1413
11	029	.114	03R-TVB1414
12	031	.122	03R-TVB1415
13	033	.130	03R-TVB1416
14	035	.138	03R-TVB1417
15	037	.146	03R-TVB1418
18	045	.177	03R-TVB1421



FIG. 17 CONE SQUARE

Single Cut

Size	ISO	Dia.	Order No.
3/0	007	.028	03R-TVB1900
2/0	008	.031	03R-TVB1901
2	012	.047	03R-TVB1904
3	014	.055	03R-TVB1905
5	016	.063	03R-TVB1907
6	018	.071	03R-TVB1908
7	021	.083	03R-TVB1909



FIG. 27A FLAME/SINGLE CUT

Size	ISO	Dia.	Order No.
0	009	.035	03R-TVB2300
1	010	.039	03R-TVB2301
2	012	.047	03R-TVB2302
3	014	.055	03R-TVB2303



FIG. 6A SHORT BUD

Single Cut

Size	ISO	Dia.	Order No.
0	009	.035	03R-TVB1500
1	010	.039	03R-TVB1501
3	014	.055	03R-TVB1503
5	016	.063	03R-TVB1505
8	023	.091	03R-TVB1508



FIG. 152 FLAME FINISHING

Size	ISO	Dia.	Order No.
2/0	008	.031	03R-TVB4500
1	010	.039	03R-TVB4501
2	012	.047	03R-TVB4502
3	014	.055	03R-TVB4503
5	016	.063	03R-TVB4504
6	018	.071	03R-TVB4505
8	023	.091	03R-TVB4507
12	031	.122	03R-TVB4509



FIG. 15 CYLINDER SQUARE

Size	ISO	Dia.	Order No.
3/0	007	.028	03R-TVB1800
2/0	008	.031	03R-TVB1801
0	009	.035	03R-TVB1802
2	012	.047	03R-TVB1804
3	014	.055	03R-TVB1805
5	016	.063	03R-TVB1807
6	018	.071	03R-TVB1808
12	031	.122	03R-TVB1812

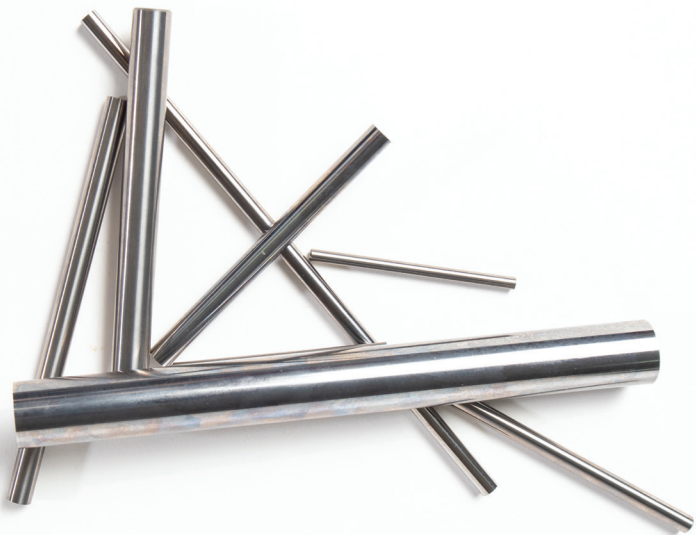


FIG. 145 ROUND FINISHING

Size	ISO	Dia.	Order No.
0	009	.035	03R-TVB3900
2	012	.047	03R-TVB3901
4	016	.067	03R-TVB3902
8	023	.091	03R-TVB3904
12	031	.122	03R-TVB3906
18	045	.177	03R-TVB3909

SOLD IN PACKAGES OF 6 PIECES

Custom cuts, shafts and lengths available by request. Contact Customer Service for assistance.



Falcon Tool Carbide Blanks are made from the highest quality materials. Available in a wide range of sizes and dimensions to meet your application needs.

- Tolerances: Blank Dia. +.000-.001, Flat Thickness +.004-.000
- Flat Length is equal to Cutter Diameter + 1/8"
- Always wear safety glasses while operating power tools

CARBIDE CYLINDERS AND SPLIT BLANKS

CYLINDERS

Grade C2



SIZE INCHES	ORDER NO.	SIZE INCHES	ORDER NO.
1/16 x 2	04A-CBL1000	1/4 x 6	04A-CBL1017
3/32 x 2	04A-CBL1001	5/16 x 2-1/2	04A-CBL1018
1/10 x 2	04A-CBL1002	5/16 x 3	04A-CBL1019
1/8 x 1-1/2	04A-CBL1003	5/16 x 4	04A-CBL1020
1/8 x 2	04A-CBL1004	5/16 x 6	04A-CBL1021
1/8 x 3	04A-CBL1005	3/8 x 2-1/2	04A-CBL1022
1/8 x 4	04A-CBL1006	3/8 x 3	04A-CBL1023
1/8 x 6	04A-CBL1007	3/8 x 4	04A-CBL1024
5/32 x 2	04A-CBL1008	3/8 x 6	04A-CBL1025
3/16 x 2	04A-CBL1009	1/2 x 3	04A-CBL1026
3/16 x 3	04A-CBL1010	1/2 x 4	04A-CBL1027
3/16 x 4	04A-CBL1011	1/2 x 6	04A-CBL1028
3/16 x 6	04A-CBL1012	5/8 x 3	04A-CBL1029
1/4 x 2	04A-CBL1013	5/8 x 6	04A-CBL1030
1/4 x 2-1/2	04A-CBL1014	3/4 x 6	04A-CBL1031
1/4 x 3	04A-CBL1015	1 x 6	04A-CBL1032
1/4 x 4	04A-CBL1016		

"A" SPLIT ONE END

Grade C2



SIZE INCHES	ORDER NO.
1/8 x 1-1/2	04A-CBL2000
1/8 x 2	04A-CBL2001
3/16 x 2	04A-CBL2002
3/16 x 3	04A-CBL2003
1/4 x 2	04A-CBL2004
1/4 x 2-1/2	04A-CBL2005
1/4 x 3	04A-CBL2006
5/16 x 2-1/2	04A-CBL2007
5/16 x 3	04A-CBL2008
3/8 x 2-1/2	04A-CBL2009
3/8 x 3	04A-CBL2010
1/2 x 3	04A-CBL2011
1/2 x 6	04A-CBL2012

"B" SPLIT BOTH ENDS

Grade C2



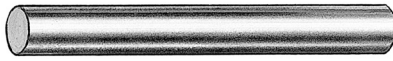
SIZE INCHES	ORDER NO.
1/8 x 1-1/2	04A-CBL2100
1/8 x 2	04A-CBL2101
3/16 x 2	04A-CBL2102
3/16 x 3	04A-CBL2103
1/4 x 2	04A-CBL2104
1/4 x 2-1/2	04A-CBL2105
1/4 x 3	04A-CBL2106
5/16 x 2-1/2	04A-CBL2107
5/16 x 3	04A-CBL2108
3/8 x 2-1/2	04A-CBL2109
3/8 x 3	04A-CBL2110
1/2 x 3	04A-CBL2111
1/2 x 6	04A-CBL2112

QUANTITY DISCOUNTS

10% 24+ OF THE SAME
15% 144+ OF THE SAME

CYLINDERS

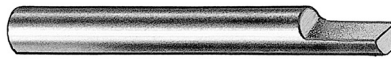
Grade C6



SIZE INCHES	ORDER NO.
1/16 x 2	04A-CBL3000
3/32 x 2	04A-CBL3001
1/10 x 2	04A-CBL3002
1/8 x 1-1/2	04A-CBL3003
1/8 x 2	04A-CBL3004
1/8 x 3	04A-CBL3005
1/8 x 4	04A-CBL3006
1/8 x 6	04A-CBL3007
5/32 x 2	04A-CBL3008
3/16 x 2	04A-CBL3009
3/16 x 3	04A-CBL3010
3/16 x 4	04A-CBL3011
3/16 x 6	04A-CBL3012
1/4 x 2	04A-CBL3013
1/4 x 2-1/2	04A-CBL3014
1/4 x 3	04A-CBL3015
1/4 x 4	04A-CBL3016
1/4 x 6	04A-CBL3017
5/16 x 2-1/2	04A-CBL3018
5/16 x 3	04A-CBL3019
5/16 x 4	04A-CBL3020
5/16 x 6	04A-CBL3021
3/8 x 2-1/2	04A-CBL3022
3/8 x 3	04A-CBL3023
3/8 x 4	04A-CBL3024
3/8 x 6	04A-CBL3025
1/2 x 3	04A-CBL3026
1/2 x 4	04A-CBL3027
1/2 x 6	04A-CBL3028
5/8 x 3	04A-CBL3029
5/8 x 6	04A-CBL3030
3/4 x 6	04A-CBL3031
1 x 6	04A-CBL3032

"A" SPLIT ONE END

Grade C6



SIZE INCHES	ORDER NO.
1/8 x 1-1/2	04A-CBL4000
1/8 x 2	04A-CBL4001
3/16 x 2	04A-CBL4002
3/16 x 3	04A-CBL4003
1/4 x 2	04A-CBL4004
1/4 x 2-1/2	04A-CBL4005
1/4 x 3	04A-CBL4006
5/16 x 2-1/2	04A-CBL4007
5/16 x 3	04A-CBL4008
3/8 x 2-1/2	04A-CBL4009
3/8 x 3	04A-CBL4010
1/2 x 3	04A-CBL4011
1/2 x 6	04A-CBL4012

"B" SPLIT BOTH ENDS

Grade C6



SIZE INCHES	ORDER NO.
1/8 x 1-1/2	04A-CBL4100
1/8 x 2	04A-CBL4101
3/16 x 2	04A-CBL4102
3/16 x 3	04A-CBL4103
1/4 x 2	04A-CBL4104
1/4 x 2-1/2	04A-CBL4105
1/4 x 3	04A-CBL4106
5/16 x 2-1/2	04A-CBL4107
5/16 x 3	04A-CBL4108
3/8 x 2-1/2	04A-CBL4109
3/8 x 3	04A-CBL4110
1/2 x 3	04A-CBL4111
1/2 x 6	04A-CBL4112

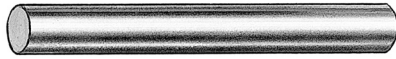
QUANTITY DISCOUNTS

10% 24+ OF THE SAME
15% 144+ OF THE SAME

CARBIDE CYLINDERS & SPLIT BANKS

CYLINDERS

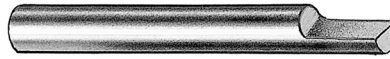
Micrograin



SIZE INCHES	ORDER NO.
1/16 x 2	04A-CBL5000
3/32 x 2	04A-CBL5001
1/10 x 2	04A-CBL5002
1/8 x 1-1/2	04A-CBL5003
1/8 x 2	04A-CBL5004
1/8 x 3	04A-CBL5005
1/8 x 4	04A-CBL5006
1/8 x 6	04A-CBL5007
5/32 x 2	04A-CBL5008
3/16 x 2	04A-CBL5009
3/16 x 3	04A-CBL5010
3/16 x 4	04A-CBL5011
3/16 x 6	04A-CBL5012
1/4 x 2	04A-CBL5013
1/4 x 2-1/2	04A-CBL5014
1/4 x 3	04A-CBL5015
1/4 x 4	04A-CBL5016
1/4 x 6	04A-CBL5017
5/16 x 2-1/2	04A-CBL5018
5/16 x 3	04A-CBL5019
5/16 x 4	04A-CBL5020
5/16 x 6	04A-CBL5021
3/8 x 2-1/2	04A-CBL5022
3/8 x 3	04A-CBL5023
3/8 x 4	04A-CBL5024
3/8 x 6	04A-CBL5025
1/2 x 3	04A-CBL5026
1/2 x 4	04A-CBL5027
1/2 x 6	04A-CBL5028
5/8 x 3	04A-CBL5029
5/8 x 6	04A-CBL5030
3/4 x 6	04A-CBL5031
1 x 6	04A-CBL5032

"A" SPLIT ONE END

Micrograin



SIZE INCHES	ORDER NO.
1/8 x 1-1/2	04A-CBL6000
1/8 x 2	04A-CBL6001
3/16 x 2	04A-CBL6002
3/16 x 3	04A-CBL6003
1/4 x 2	04A-CBL6004
1/4 x 2-1/2	04A-CBL6005
1/4 x 3	04A-CBL6006
5/16 x 2-1/2	04A-CBL6007
5/16 x 3	04A-CBL6008
3/8 x 2-1/2	04A-CBL6009
3/8 x 3	04A-CBL6010
1/2 x 3	04A-CBL6011
1/2 x 6	04A-CBL6012

"B" SPLIT BOTH ENDS

Micrograin



SIZE INCHES	ORDER NO.
1/8 x 1-1/2	04A-CBL6100
1/8 x 2	04A-CBL6101
3/16 x 2	04A-CBL6102
3/16 x 3	04A-CBL6103
1/4 x 2	04A-CBL6104
1/4 x 2-1/2	04A-CBL6105
1/4 x 3	04A-CBL6106
5/16 x 2-1/2	04A-CBL6107
5/16 x 3	04A-CBL6108
3/8 x 2-1/2	04A-CBL6109
3/8 x 3	04A-CBL6110
1/2 x 3	04A-CBL6111
1/2 x 6	04A-CBL6112

QUANTITY DISCOUNTS

10% 24+ OF THE SAME
15% 144+ OF THE SAME

MOUNTED POINTS & WHEELS

Falcon Tool Company features a variety of Mounted Points and Wheels in standard shapes and sizes, all made in the USA from premium materials to assure rapid stock removal and long life.



MOUNTED POINTS AND WHEELS

Made in the USA and available in industry standard "B" and "W" shapes with a 1/8" shank.

PREMIUM PURPLE MOUNTED POINTS

Manufactured with Premium Pink fused aluminum oxide grain combined with unique Sol Gel ceramic grain for an extremely long lasting, but cool cutting mounted point.

MOUNTED POINT SETS

Money saving sets of our standard Blue, Brown, White and Premium Purple Mounted Points.

HIGH SPEED CUT-OFF WHEELS

Rubber-bonded silicon carbide abrasive cut-off wheels used for fast, cool cutting and finishing.

REINFORCED CUT-OFF WHEELS

Strong and durable resin bonded cut-off wheels.

TRUING STONES

Used to dress, shape and clean mounted points.

DRESSING STICKS

Full array of aluminum oxide and silicon carbide dressing sticks for PCD, CBN, resin and metal bond diamond wheels. Can also be used to clean mounted points.

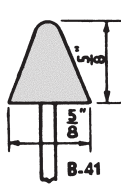


Falcon Tool's Mounted Points are made in the USA from premium materials to assure rapid stock removal and long life. These aluminum oxide mounted points can be used in many different applications for material removal, roughing, blending, deburring and finishing. They grind exceptionally well on stainless steel, carbon steel, mild steel, aluminum and other alloys. Available in industry standard "B" shapes and three grit options: Blue: Hard, holds shape very well while cutting fast and leaving a smooth finish. Brown: Medium-hard, fast cutting and non-loading for use on hard metals. White: Regular, offers a great surface finish.

Also available in money saving sets, see page 87! Use our Mounted Point Truing Stones on page 81 to keep your points operating at their best. We offer a wide variety of equipment for use with mounted points. See our selection of air and electric grinders on pages 137 – 146.

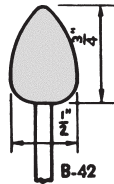
1/4" SHANK
"B" SHAPES

MOUNTED POINTS



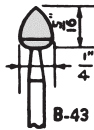
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B-41



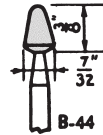
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B-42



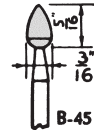
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B-43



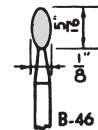
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B-44



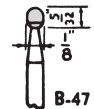
3/16 x 5/16

B-45



1/8 x 5/16

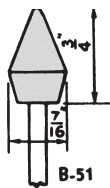
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1/8 x 5/32

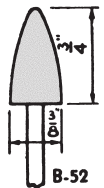
B-47

	B-41	B-42	B-43	B-44	B-45	B-46	B-47
BLUE	05A-MPT1041	05A-MPT1042	05A-MPT1043	05A-MPT1044	05A-MPT1045	05A-MPT1046	05A-MPT1047
BROWN	05A-MPT2041	05A-MPT2042	05A-MPT2043	05A-MPT2044	05A-MPT2045	05A-MPT2046	—
WHITE	—	05A-MPT3042	05A-MPT3043	—	—	—	05A-MPT3047



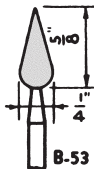
7/16 x 3/4

B-51



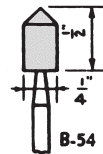
3/8 x 3/4

B-52



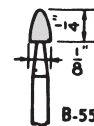
1/4 x 5/8

B-53



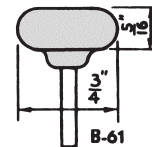
1/4 x 1/2

B-54



1/8 x 1/4

B-55



3/4 x 5/16

B-61

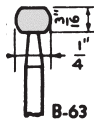
	B-51	B-52	B-53	B-54	B-55	B-61
BLUE	05A-MPT1051	05A-MPT1052	05A-MPT1053	05A-MPT1054	05A-MPT1055	05A-MPT1061
BROWN	—	05A-MPT2052	05A-MPT2053	—	05A-MPT2055	—
WHITE	—	05A-MPT3052	05A-MPT3053	05A-MPT3054	05A-MPT3055	—

QUANTITY DISCOUNTS
10% 150+ OF THE SAME

Sold in packages of 25 | Always wear proper eye protection while using rotary power tool accessories.

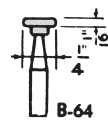
MOUNTED POINTS

1/8" Shank



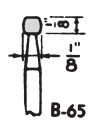
1/4 x 3/16

B-63



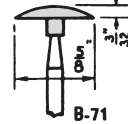
1/4 x 1/16

B-64



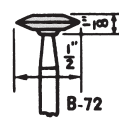
1/8 x 1/8

B-65



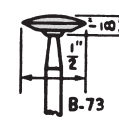
5/8 x 1/8

B-71



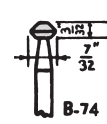
1/2 x 1/8

B-72



1/2 x 1/8

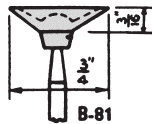
B-73



7/32 x 3/32

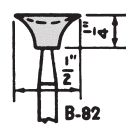
B-74

	B-63	B-64	B-65	B-71	B-72	B-73	B-74
BLUE	05A-MPT1063	—	—	05A-MPT1071	05A-MPT1072	—	—
BROWN	05A-MPT2063	—	05A-MPT2065	05A-MPT2071	05A-MPT2072	05A-MPT2073	—
WHITE	05A-MPT3063	05A-MPT3064	05A-MPT3065	05A-MPT3071	05A-MPT3072	05A-MPT3073	05A-MPT3074



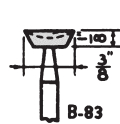
3/4 x 3/16

B-81



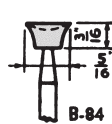
1/2 x 1/4

B-82



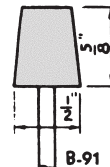
3/8 x 3/16

B-83



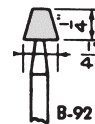
5/16 x 3/16

B-84



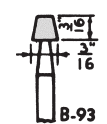
1/2 x 5/8

B-91



1/4 x 1/4

B-92

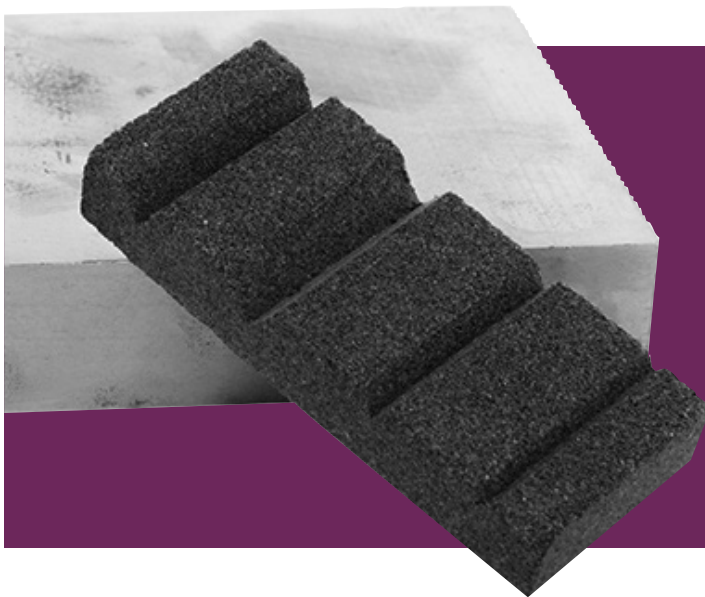


3/16 x 3/16

B-93

	B-81	B-82	B-83	B-84	B-91	B-92	B-93
BLUE	05A-MPT1081	05A-MPT1082	05A-MPT1083	05A-MPT1084	05A-MPT1091	05A-MPT1092	—
BROWN	05A-MPT2081	05A-MPT2082	05A-MPT2083	05A-MPT2084	05A-MPT2091	05A-MPT2092	05A-MPT2093
WHITE		05A-MPT3082	05A-MPT3083	—	05A-MPT3091	05A-MPT3092	05A-MPT3093

QUANTITY DISCOUNTS
10% 150+ OF THE SAME



MOUNTED POINT TRUING STONES

Coarse silicon carbide stone with 1/16", 1/8", 3/16" and 1/4" grooves. Used to dress, shape and clean mounted points. Quickly reshapes and resurfaces abrasive stones and points to like-new condition. Available with v-shaped or rounded grooves.

GROOVE SHAPE	ORDER NO.
V-Shaped	02R-TRU1000
Rounded	02R-TRU2000

Sold in packages of 25 | Always wear proper eye protection while using rotary power tool accessories.



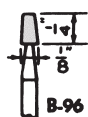
11/64 x 3/32

B-94



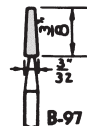
1/8 x 3/16

B-95



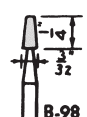
1/8 x 1/4

B-96



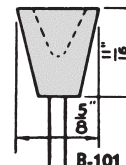
1/8 x 3/8

B-97



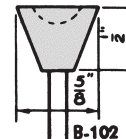
3/32 x 1/4

B-98



5/8 x 11/16

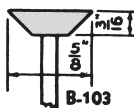
B-101



5/8 x 1/2

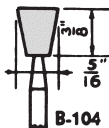
B-102

	B-94	B-95	B-96	B-97	B-98	B-101	B-102
BLUE	05A-MPT1094	05A-MPT1095	05A-MPT1096	05A-MPT1097	05A-MPT1098	05A-MPT1101	05A-MPT1102
BROWN	–	05A-MPT2095	05A-MPT2096	05A-MPT2097	05A-MPT2098	05A-MPT2101	–
WHITE	–	05A-MPT3095	05A-MPT3096	05A-MPT3097	05A-MPT3098	05A-MPT3101	–



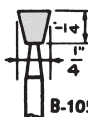
5/8 x 3/16

B-103



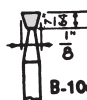
5/16 x 3/8

B-104



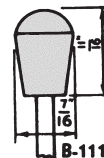
1/4 x 1/4

B-105



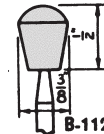
1/8 x 7/64

B-106



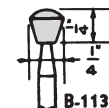
7/16 x 11/16

B-111



3/8 x 1/2

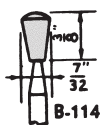
B-112



1/4 x 1/4

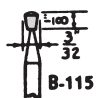
B-113

	B-103	B-104	B-105	B-106	B-111	B-112	B-113
BLUE	05A-MPT1103	05A-MPT1104	05A-MPT1105	–	05A-MPT1111	–	05A-MPT1113
BROWN	05A-MPT2103	05A-MPT2104	05A-MPT2105	05A-MPT2106	–	05A-MPT2112	–
WHITE	–	05A-MPT3104	–	–	–	05A-MPT3112	–



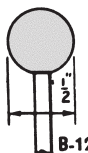
7/32 x 3/8

B-114



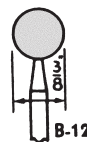
3/32 x 1/8

B-115



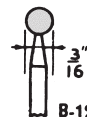
1/2 x 1/2

B-121



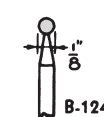
3/8 x 3/8

B-122



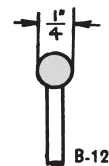
3/16 x 3/16

B-123



1/8 x 1/8

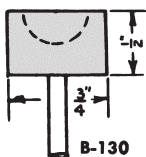
B-124



1/4 x 1/4

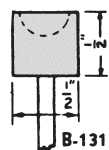
B-125

BLUE	05A-MPT1114	–	05A-MPT1121	05A-MPT1122	05A-MPT1123	05A-MPT1124	05A-MPT1125
BROWN	05A-MPT2114	–	05A-MPT2121	05A-MPT2122	05A-MPT2123	05A-MPT2124	05A-MPT2125
WHITE	–	05A-MPT3115	05A-MPT3121	–	05A-MPT3123	05A-MPT3124	05A-MPT3125



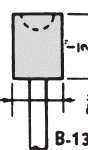
3/4 x 1/2

B-130



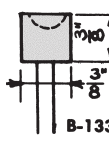
1/2 x 1/2

B-131



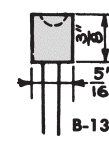
3/8 x 1/2

B-132



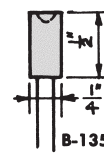
3/8 x 3/8

B-133



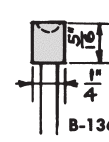
5/16 x 3/8

B-134



1/4 x 1/2

B-135

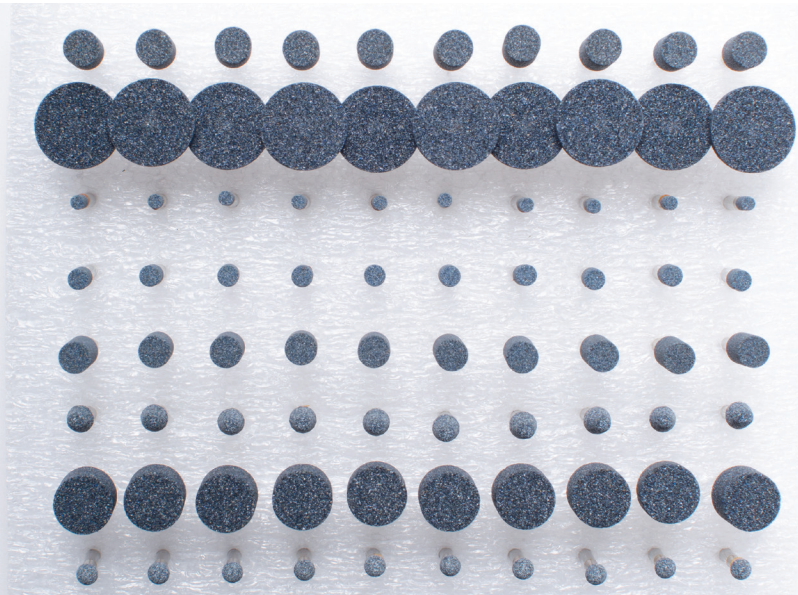


1/4 x 5/16

B-136

BLUE	05A-MPT1130	05A-MPT1131	05A-MPT1132	05A-MPT1133	05A-MPT1134	05A-MPT1135	05A-MPT1136
BROWN	–	05A-MPT2131	05A-MPT2132	05A-MPT2133	05A-MPT2134	05A-MPT2135	–
WHITE	–	05A-MPT3131	05A-MPT3132	05A-MPT3133	05A-MPT3134	05A-MPT3135	05A-MPT3136

Sold in packages of 25 | Always wear proper eye protection while using rotary power tool accessories.

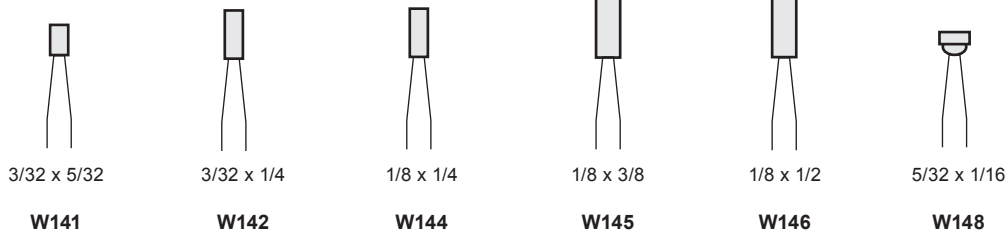


Falcon Tool's Mounted Wheels are made in the USA from premium materials to assure rapid stock removal and long life. These aluminum oxide mounted wheels can be used in many different applications for material removal, roughing, blending, deburring and finishing. They grind exceptionally well on stainless steel, carbon steel, mild steel, aluminum and other alloys. Available in industry standard "W" shapes and three grit options: Blue: Hard, holds shape very well while cutting fast and leaving a smooth finish. Brown: Medium-hard, fast cutting and non-loading for use on hard metals. White: Regular, offers a great surface finish.

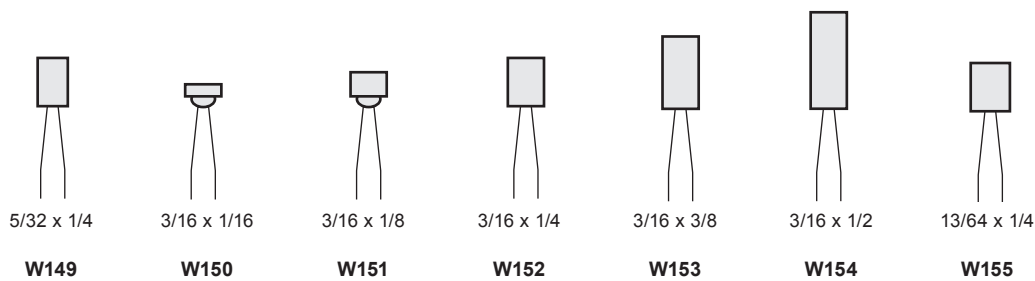
Also available in money saving sets, see page 87! Use our Mounted Point Truing Stones on page 81 to keep your points operating at their best. We offer a wide variety of equipment for use with mounted points. See our selection of air and electric grinders on pages 137 – 146.

MOUNTED WHEELS

1/8"
SHANK



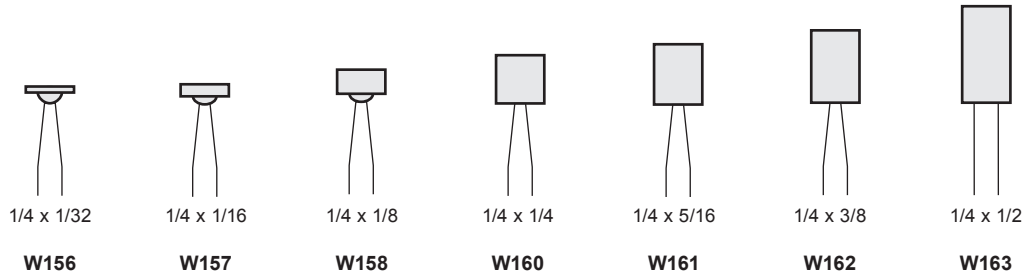
	W141	W142	W144	W145	W146	W148
BLUE	05B-MWH1141	05B-MWH1142	05B-MWH1144	05B-MWH1145	05B-MWH1146	05B-MWH1148
BROWN	05B-MWH2141	05B-MWH2142	05B-MWH2144	05B-MWH2145	05B-MWH2146	—
WHITE	05B-MWH3141	05B-MWH3142	05B-MWH3144	05B-MWH3145	05B-MWH3146	—



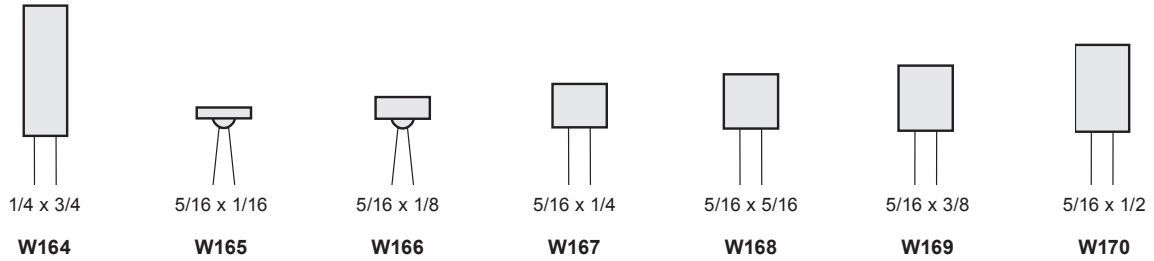
	W149	W150	W151	W152	W153	W154	W155
BLUE	05B-MWH1149	05B-MWH1150	05B-MWH1151	05B-MWH1152	05B-MWH1153	05B-MWH1154	—
BROWN	—	05B-MWH2150	05B-MWH2151	05B-MWH2152	05B-MWH2153	05B-MWH2154	—
WHITE	—	—	—	05B-MWH3152	05B-MWH3153	05B-MWH3154	05B-MWH3155

QUANTITY DISCOUNTS
10% 150+ OF THE SAME

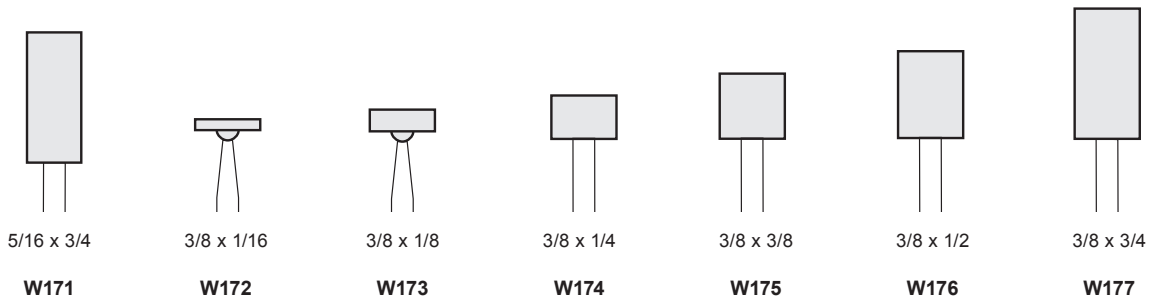
Sold in packages of 25 | Always wear proper eye protection while using rotary power tool accessories.



BLUE	05B-MWH1156	05B-MWH1157	05B-MWH1158	05B-MWH1160	05B-MWH1161	05B-MWH1162	05B-MWH1163
BROWN	-	05B-MWH2157	05B-MWH2158	05B-MWH2160	05B-MWH2161	05B-MWH2162	05B-MWH2163
WHITE	-	-	-	-	05B-MWH3161	05B-MWH3162	05B-MWH3163

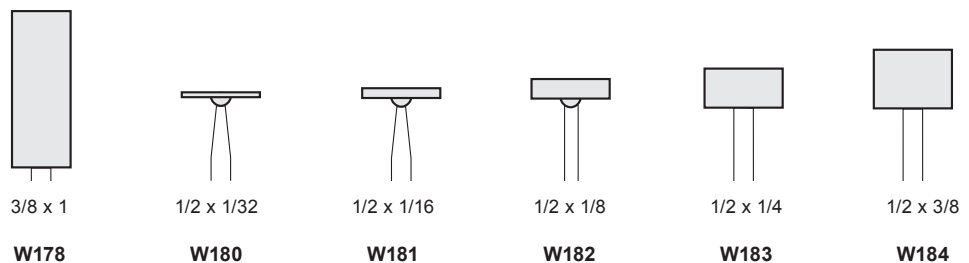


BLUE	05B-MWH1164	05B-MWH1165	-	-	-	05B-MWH1169	05B-MWH1170
BROWN	05B-MWH2164	05B-MWH2165	05B-MWH2166	05B-MWH2167	05B-MWH2168	-	05B-MWH2170
WHITE	05B-MWH3164	-	-	-	-	-	05B-MWH3170



BLUE	05B-MWH1171	05B-MWH1172	05B-MWH1173	05B-MWH1174	05B-MWH1175	05B-MWH1176	05B-MWH1177
BROWN	-	-	05B-MWH2173	-	-	05B-MWH2176	05B-MWH2177
WHITE	05B-MWH3171	-	-	05B-MWH3174	05B-MWH3175	05B-MWH3176	05B-MWH3177

QUANTITY DISCOUNTS
10% 150+ OF THE SAME

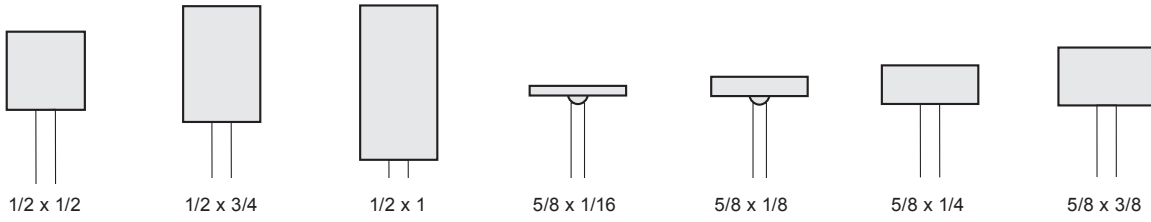


BLUE	05B-MWH1178	-	05B-MWH1181	05B-MWH1182	05B-MWH1183	05B-MWH1184
BROWN	-	05B-MWH2180	-	05B-MWH2182	05B-MWH2183	05B-MWH2184
WHITE	05B-MWH3178	-	05B-MWH3181	05B-MWH3182	05B-MWH3183	-

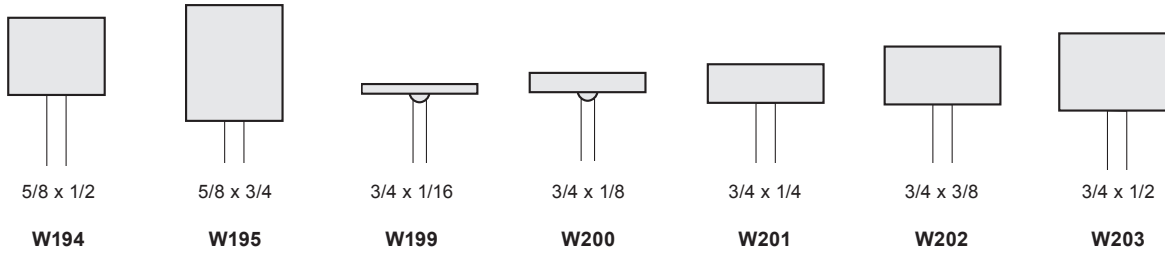
Sold in packages of 25 | Always wear proper eye protection while using rotary power tool accessories.

MOUNTED WHEELS

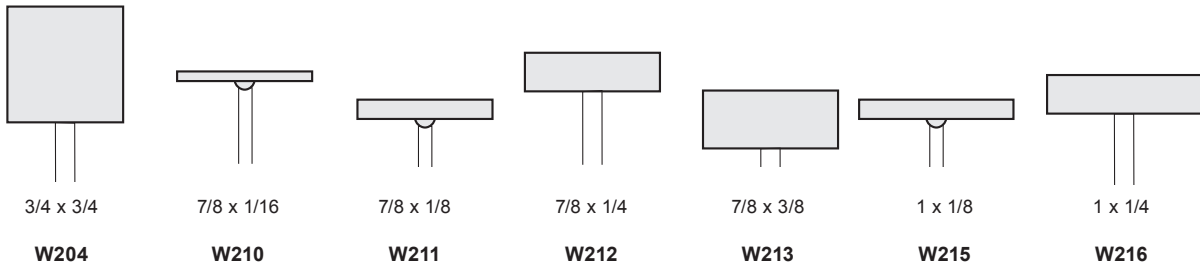
1/8" Shank



Color	W185	W186	W187	W190	W191	W192	W193
BLUE	05B-MWH1185	05B-MWH1186	05B-MWH1187	—	05B-MWH1191	05B-MWH1192	05B-MWH1193
BROWN	—	05B-MWH2186	05B-MWH2187	—	05B-MWH2191	05B-MWH2192	—
WHITE	05B-MWH3185	—	—	05B-MWH3190	05B-MWH3191	05B-MWH3192	05B-MWH3193



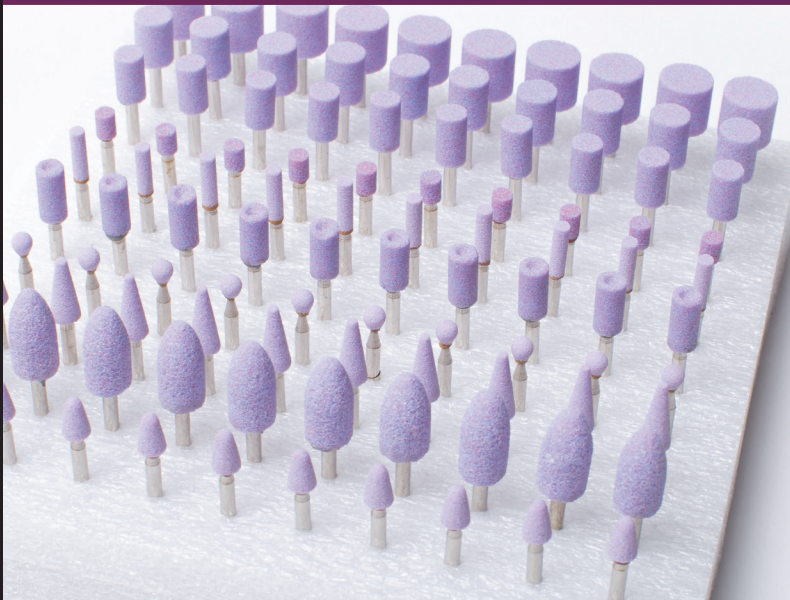
Color	W194	W195	W199	W200	W201	W202	W203
BLUE	—	05B-MWH1195	05B-MWH1199	05B-MWH1200	05B-MWH1201	05B-MWH1202	05B-MWH1203
BROWN	05B-MWH2194	—	—	05B-MWH2200	05B-MWH2201	—	05B-MWH2203
WHITE	05B-MWH3194	05B-MWH3195	05B-MWH3199	—	—	—	05B-MWH3203



Color	W204	W210	W211	W212	W213	W215	W216
BLUE	05B-MWH1204	05B-MWH1210	05B-MWH1211	05B-MWH1212	05B-MWH1213	05B-MWH1215	—
BROWN	05B-MWH2204	—	05B-MWH2211	05B-MWH2212	—	05B-MWH2215	05B-MWH2216
WHITE	—	05B-MWH3210	05B-MWH3211	—	—	05B-MWH3215	—

QUANTITY DISCOUNTS
10% 150+ OF THE SAME

Sold in packages of 25 | Always wear proper eye protection while using rotary power tool accessories.

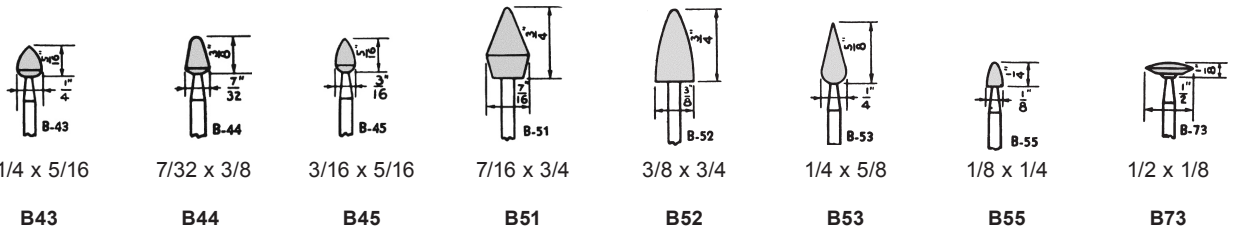


Premium Purple Mounted Points are an extremely long lasting but cool cutting alternative to standard mounted points. Premium Pink fused aluminum oxide grain combined with unique Sol Gel ceramic grain provides up to double the life of a standard mounted point. Premium Purple Mounted Points can be used on all ferrous & non-ferrous materials. They offer less loading and cooler running lessening the possibility of thermal damage during polishing. Proudly Made in USA. Available in 80, 100 and 120 grits.

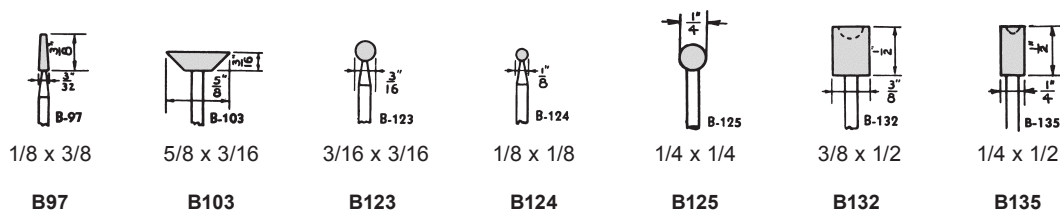
Available in industry standard “B” and “W” shapes as well as in money saving sets, see page 87! Use our Mounted Point Truing Stones on page 81 to keep your points operating at their best. We offer a wide variety of equipment for use with mounted points. See our selection of air and electric grinders on pages 137 – 146.

PREMIUM PURPLE MOUNTED POINTS

B SHAPES - 1/8" MANDREL



80 GRIT	05P-MPT4043	–	–	05P-MPT4051	05P-MPT4052	–	–	05P-MPT4073
100 GRIT	–	05P-MPT4044	05P-MPT4045	–	–	–	–	–
120 GRIT	–	–	–	–	–	05P-MPT4053	05P-MPT4055	–








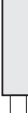

80 GRIT	–	–	–	–	–	05P-MPT4132	05P-MPT4135
100 GRIT	–	05P-MPT4103	05P-MPT4123	–	05P-MPT4125	–	–
120 GRIT	05P-MPT4097	–	–	05P-MPT4124	–	–	–








QUANTITY DISCOUNTS

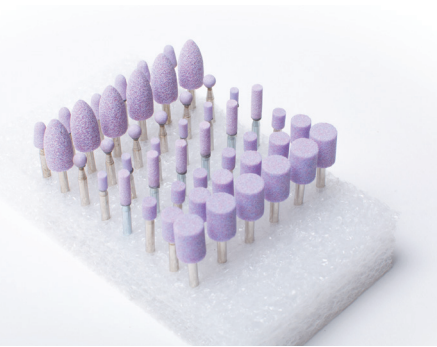
10% 150+ OF THE SAME

Sold in packages of 25 | Always wear proper eye protection while using rotary power tool accessories.

W SHAPES - 1/8" MANDREL

	 3/32 x 1/4 W142	 1/8 x 1/4 W144	 1/8 x 3/8 W145	 1/8 x 1/2 W146	 3/16 x 1/4 W152	 3/16 x 3/8 W153	 3/16 x 1/2 W154
80 GRIT	-	-	-	-	05P-MWH4152	05P-MWH4153	05P-MWH4154
100 GRIT	-	-	-	-	-	-	-
120 GRIT	05P-MWH4142	05P-MWH4144	05P-MWH4145	05P-MWH4146	-	-	-

	 1/4 x 3/8 W162	 1/4 x 1/2 W163	 1/4 x 3/4 W164	 3/8 x 3/8 W175	 3/8 x 1/2 W176	 1/2 x 1/8 W182	 1/2 x 1/2 W185
80 GRIT	05P-MWH4162	05P-MWH4163	-	05P-MWH4175	05P-MWH4176	-	05P-MWH4185
100 GRIT	-	-	05P-MWH4164	-	-	05P-MWH4182	-



PREMIUM PURPLE MOUNTED POINT SETS

An economical way to have a selection of points in your toolkit for any application. All Premium Purple Mounted Points have a 1/8" mandrel.

PIECES PER SHAPE	SHAPES INCLUDED	TOTAL PIECES PER KIT	ORDER NO.
6	B44, B52, B123, W144, W146, W152, W162, W176	48	05P-KIT9000
10	B44, B52, B53, B123, B135, W146, W152, W163, W176, W185	100	05P-KIT9001

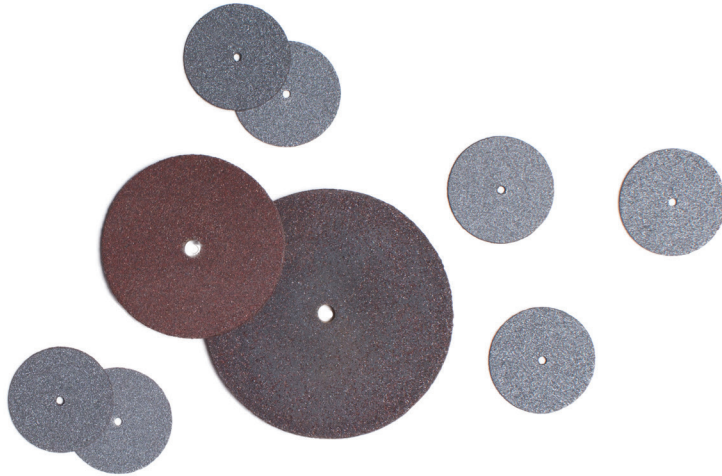


STANDARD MOUNTED POINT SETS

PIECES PER SHAPE	SHAPES INCLUDED	TOTAL PIECES PER KIT	BLUE ORDER NO.	BROWN ORDER NO.	WHITE ORDER NO.
10	Set on 1/8" Shank W144, W152, W163, W170, W176, W185, W200, B44, B52, B123	100	05A-MPT9000	05A-MPT9100	05A-MPT9200
6	Set on 1/8" Shank W144, W152, W162, W176, W200, B44, B52, B123	48	05A-MPT9300	05-MPT9301	05A-MPT9302

HIGH-SPEED CUT-OFF WHEELS

High Speed Cut-Off Wheels are made of pure rubber-bonded silicon carbide abrasive in a special binder. They are used for fast, cool cutting and finishing on a wide variety of materials including porcelain, acrylic, gold, alloys and more. Available in various sizes and sold in quantities of 12 pieces per box, mandrels sold separately (page 115-116).
Maximum RPM: 25,000



STYLE NO.	ORDER NO.	SIZE/INCHES
CD-1	05H-COW1001	7/8 x .022 x 1/16 hole
CD-2	05H-COW1002	1 x .022 x 1/16 hole
CD-3	05H-COW1003	1 x 1/16 x 1/8 hole
CD-4	05H-COW1004	1 x 3/32 x 1/8 hole
CD-5	05H-COW1005	1 x 1/8 x 1/8 hole
CD-7	05H-COW1007	1-1/2 x 1/32 x 1/8 hole
CD-8	05H-COW1008	1-1/2 x 1/16 x 1/8 hole
CD-9	05H-COW1009	1-1/2 x 3/32 x 1/8 hole
CD-10	05H-COW1010	1-1/2 x 1/8 x 1/8 hole
CD-11	05H-COW1011	2 x 1/32 x 1/8 hole
CD-12	05H-COW1012	2 x 1/16 x 1/8 hole
CD-14	05H-COW1014	2 x 1/8 x 1/8 hole

REINFORCED CUT-OFF WHEELS

Falcon Tool's Reinforced Cut-Off Wheels are resin bonded for strength and durability. They can be used in any portable grinder, such as our Freedom Portable Micromotor (page 145), for a variety of applications including metal fabrication, construction, pipe cutting, general tool room needs and more. Sold in quantities of 12 pieces per box, mandrels sold separately (page 115-116).

QUANTITY DISCOUNTS
10% 120+ OF THE SAME

ORDER NO.	SIZE/INCHES
05H-COW2000	1-1/4 x 3/64 x 1/16 Hole
05H-COW2001	2-1/2 x 3/64 x 1/8 Hole



DRESSING STICKS FOR MOUNTED POINTS & WHEELS

These Dressing Sticks are used for dressing, cleaning and shaping mounted points. Quickly reshape and resurface points to like-new condition. Sold individually.

STYLE NO.	ORDER NO.	SIZE/INCHES
1032	05I-DRS1032	1/2 x 1/2 x 4
1035	05I-DRS1035	1 x 1/2 x 4
1040	05I-DRS1040	1 x 1 x 4



QUANTITY DISCOUNTS
15% 12+ OF THE SAME



Falcon Tool produces a wide array of dressing sticks for PCD, CBN, resin, and metal bond diamond wheels. We use only premium aluminum oxide and silicon carbide materials to produce consistent quality products.

- Free cutting and load resistant
- Consistent product quality lot-to-lot
- Standard offering ranges from grits 80-320
- Advanced fine grit technology for precision applications

Made-to-order formulations to meet specific customer requirements or for fine grits up to 800, contact Customer Service.

DRESSING STICKS FOR DIAMOND & CBN WHEELS

WHITE ALUMINUM OXIDE

SIZE	GRIT	SOFT SPEC ORDER NO.	MEDIUM SPEC ORDER NO.
3/8 x 3/4 x 4	150	040210	040260
1/2 x 1/2 x 4	150	040211	040261
1/2 x 1/2 x 4	220	040212	040262
1/2 x 1/2 x 4	320	040213	040263
1/2 x 1/2 x 6	150	040214	040264
1/2 x 1/2 x 6	220	040215	040265
3/4 x 3/4 x 4	80	040216	040266
3/4 x 3/4 x 4	100	040217	040267
3/4 x 3/4 x 4	150	040218	040268
3/4 x 3/4 x 4	220	040219	040269
3/4 x 3/4 x 4	320	040220	040270
3/4 x 3/4 x 8	150	040221	040271
3/4 x 3/4 x 8	220	040222	040272
3/4 x 3/4 x 8	320	040223	040273
1 x 1 x 6	150	040224	040274
1 x 1 x 6	220	040225	040275
1 x 1 x 6	320	040226	040276
1 x 1 x 8	120	040227	040277
1 x 1 x 8	150	040228	040278
1 x 1 x 8	220	040229	040279
1 x 1 x 8	320	040230	040280

SILICON CARBIDE

SIZE	GRIT	SOFT SPEC ORDER NO.	MEDIUM SPEC ORDER NO.
1/2 x 1/2 x 6	100	040240	040290
1/2 x 1/2 x 6	150	040241	040291
1/2 x 1/2 x 6	220	040242	040292
1/2 x 1/2 x 6	320	040243	040293
3/4 x 3/4 x 6	150	040244	040294
3/4 x 3/4 x 6	320	040245	040295
1 x 1 x 6	80	040246	040296
1 x 1 x 6	120	040247	040297
1 x 1 x 6	150	040248	040298
1 x 1 x 6	220	040249	040299
1 x 1 x 6	400	040250	040300
1 x 1 x 6	320	040252	040302
1 x 1 x 8	320	040251	040301

SOLD IN PACK QUANTITIES ACCORDING TO SIZE

Size	Pack Qty	Size	Pack Qty
3/8 x 3/4 x 4	25	3/4 x 3/4 x 6	10
1/2 x 1/2 x 4	25	3/4 x 3/4 x 8	10
1/2 x 1/2 x 6	25	1 x 1 x 6	8
3/4 x 3/4 x 4	25	1 x 1 x 8	8

DIAMOND TOOLS



Falcon Tool Company sources the highest quality products for all your diamond tooling needs, including a wide selection of Diamond Files for high grinding efficiency and precision.

DIAMOND FILE

Diamond Files are the perfect tool for use on a variety of materials and intricate areas. The distribution of diamond particles enables the diamond file to not only cut in all directions, but also produces a much better finish than a traditional file.

DIAMOND POINTS & WHEELS

Diamond coated points and wheels are very durable with a superior cutting edge.

DRESSING STICKS

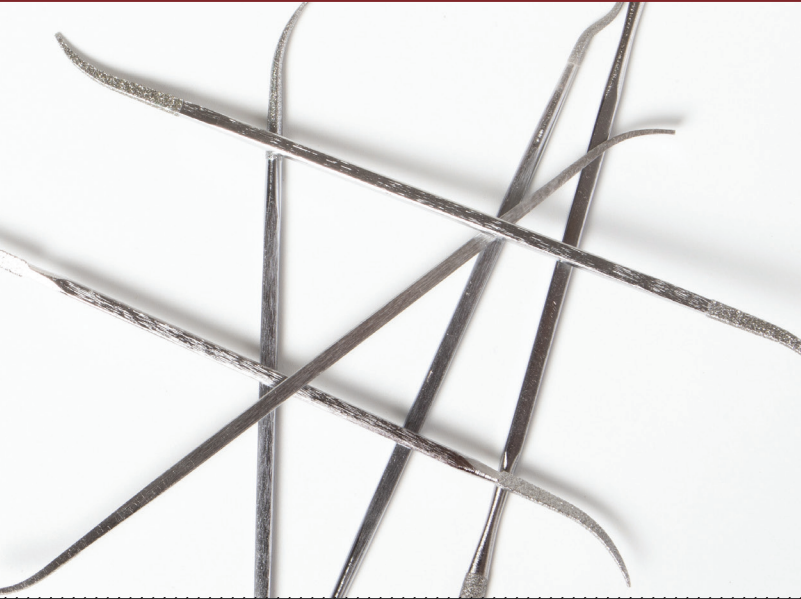
Falcon's Diamond Wheel Dressing Stick is manufactured with a soft aluminum oxide abrasive for cleaning diamond wheels to re-expose the diamond particles for renewed cutting action.

PHONO POINTS

Falcon Phono Points are available in three angles: 90°, 75° and 60°. All with 1/8" shank and 1" overall length. Used for precision dressing of the most intricate and small radii.

DIAMOND WHEELS FOR JIG AND INTERNAL GRINDING

These mandrels feature hardened steel shanks and multi-layer diamond coated surfaces. The diamond particles are bonded onto the mandrel through the "Electrogrip" process, which maximizes diamond particle exposure assuring a free cutting action which greatly reduces heat and wear.



Diamond Files are the perfect tool for use on a variety of materials and intricate areas. The distribution of diamond particles enables the diamond file to not only cut in all directions, but also produces a much better finish than a traditional file.

DIAMOND FILES

DIAMOND FILE TYPES

CONTACT FILES

Commonly used in the mold & die industry for very accurate applications.

ESCAPEMENT FILES

Used on very small, intricate shapes. Come with square handles.

DHM & DH FILES

Tapered files used for filing inside slots and grooves.

DIAMOND MACHINE FILES FOR AIR PROFILER

To be used with air profilers. Available in a variety of shapes and styles, all with 3.0 mm round shank.

DIAMOND NEEDLE FILES

Allows easy access to complicated areas. Regular needle files and extra slim needle files available.

DIAMOND NEEDLE TAPER FILES

Tapered needle files that allow easy access to difficult areas like ribs and slots.

DIAMOND TIP LAPPER FILES

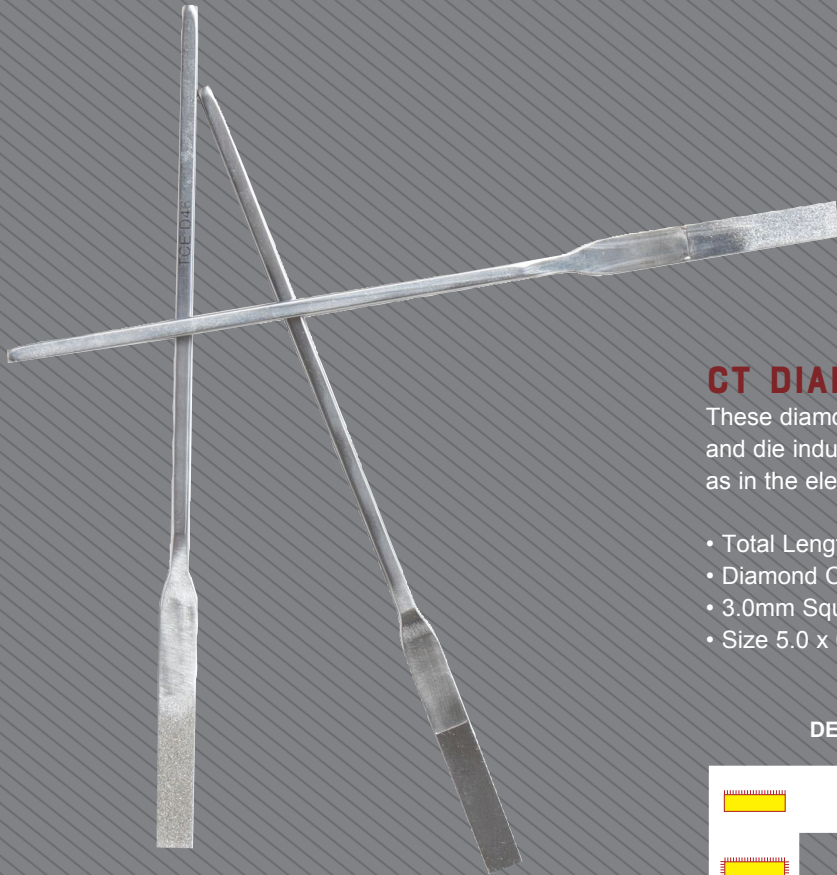
Specifically designed for use in high speed, short stroke profilers.

FLEXIBLE FILES

Flexible, yet strong and light diamond files. Choose between plastic or metal based blanks.

FILE HANDLES



Holds any 1/8" shank tool.



CT DIAMOND CONTACT FILE

These diamond files are commonly used in the mold and die industry for very accurate applications as well as in the electric, electronic and automotive industries.

- Total Length 116mm
- Diamond Coated Length 20mm
- 3.0mm Square Shank
- Size 5.0 x 0.4mm







DESCRIPTION	200 GRIT	300 GRIT
 1 Side	07F-DCT2000	07F-DCT1000
 2 Side	07F-DCT2001	07F-DCT1001

DIAMOND ESCAPEMENT FILES

Falcon Tool's Diamond Escapement Files are smaller than Needle Files and are used in a variety of applications where fine and accurate work is necessary.

- Total Length 140mm
- Diamond Coated Length 40mm
- Available in 120 and 200 Grit
- Square Shank



SHAPE	SHAPE NO	120 GRIT	200 GRIT
		ORDER NO.	ORDER NO.
 Crossing	8609	07D-DEF2000	—
 Barrette	8610	—	07D-DEF1001
 3-Square	8614	07D-DEF2002	07D-DEF1002
 Equalling	8617	07D-DEF2003	—
 Square	8619	07D-DEF2004	07D-DEF1004
 Round	8621	—	07D-DEF1005

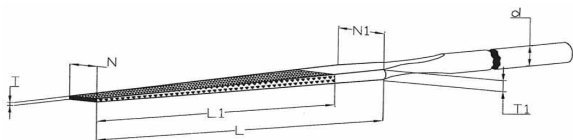


DHM Files and DH Files are tapered files used for filing inside slots and grooves where access with parallel files is impossible.

DHM & DH FILES

DHM FILES

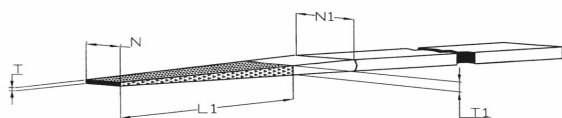
- Total Length 130mm
- Diamond Coated Length 30mm
- 3.0mm Round Shank
- Have a round shank and can be used by hand or in any reciprocating filing machine



GRIT	N1 (mm)	L1 (mm)	d (mm)	LENGTH (mm)	ORDER NO.
200	2.0	30	3.0	130	07F-DHM1000
200	4.0	30	3.0	130	07F-DHM1001
200	6.0	30	3.0	130	07F-DHM1002
300	2.0	30	3.0	130	07F-DHM2000
300	4.0	30	3.0	130	07F-DHM2001
300	6.0	30	3.0	130	07F-DHM2002
600	2.0	30	3.0	130	07F-DHM3000
600	4.0	30	3.0	130	07F-DHM3001
600	6.0	30	3.0	130	07F-DHM3002

DH FILES

- Total Length 170mm
- Diamond Coated Length 50mm
- Have a standard flat handle
- "Sharp" (07F-DDH1004) has a tip that is 1mm narrower than the standard item (07F-DDH1003)



GRIT	N1 (mm)	T1 (mm)	LENGTH (mm)	ORDER NO.
120	4.0	2.0	170	07F-DDH1001
120	10	2.4	170	07F-DDH1000
200	4.0	2.0	170	07F-DDH1003
				07F-DDH1004 (Sharp)
200	6.0	2.4	170	07F-DDH1005
200	8.0	2.4	170	07F-DDH1007
300	4.0	2.0	170	07F-DDH1002
300	8.0	2.4	170	07F-DDH1006

DH FILE SET

ORDER NO. 07F-KIT9000



2 of each of the following:

- 120 Grit 4 x 2 x 170mm
- 200 Grit 4 x 2 x 170mm
- 200 Grit 6 x 2.4 x 170mm

1 of each of the following:

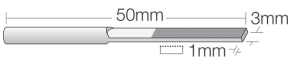
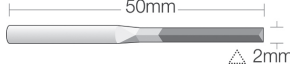
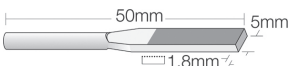
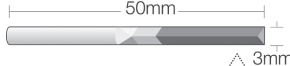
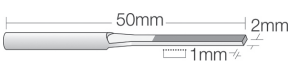
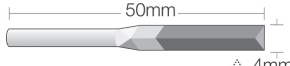
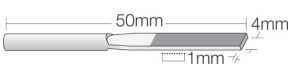
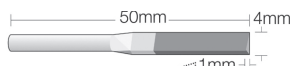
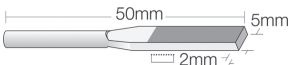
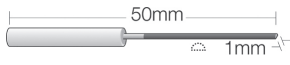
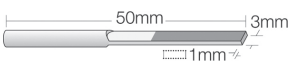
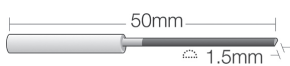
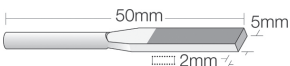
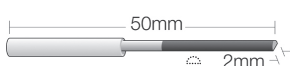
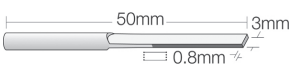
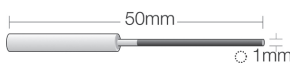
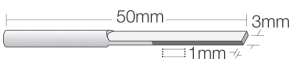
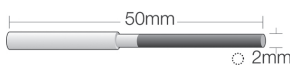
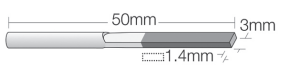

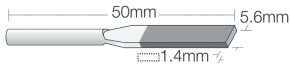

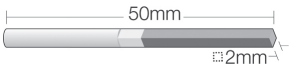
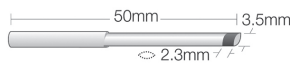
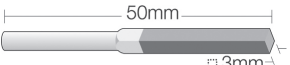
- 200 Grit 4 x 2 x 170mm (Sharp)
- 200 Grit 8 x 2.4 x 170mm
- 300 Grit 4 x 2 x 170mm
- 300 Grit 8 x 2.4 x 170mm

Machine Diamond Files are precision manufactured with the highest quality diamond for use in reciprocating handpieces. Use for quick and accurate filing and material removal. All are 150 grit with 3mm shanks.



DIAMOND MACHINE FILES FOR AIR PROFILER

3MM SHANK












	SIZE (mm)	150 GRIT		SIZE (mm)	150 GRIT
	1 x 3 x 50mm, 1-side	07P-DDP4000		2 x 50mm, Triangle 3-sides	07P-DDP4013
	1.8 x 5 x 50mm, 1-side	07P-DDP4001		3 x 50mm, Triangle 3-sides	07P-DDP4014
	1 x 2 x 50mm, 1-side	07P-DDP4002		4 x 50mm, Triangle 3-sides	07P-DDP4015
	1 x 4 x 50mm, 1-side	07P-DDP4003		1 x 4 x 50mm, Triangle 3-sides	07P-DDP4016
	2 x 5 x 50mm, 1-side	07P-DDP4004		1 x 50mm, Half Round	07P-DDP4017
	1 x 3 x 50mm, 2-sides	07P-DDP4005		1.5 x 50mm, Half Round	07P-DDP4018
	2 x 2 x 50mm, 2-sides	07P-DDP4006		2 x 50mm, Half Round	07P-DDP4019
	.8 x 3 x 50mm, 2-sides	07P-DDP4007		1 x 50mm, Round	07P-DDP4020
	1 x 3 x 50mm, 2-sides	07P-DDP4008		2 x 50mm, Round	07P-DDP4021
	1.4 x 3 x 50mm, 4-sides	07P-DDP4009		3 x 50mm, Round	07P-DDP4022
	1.4 x 5.6 x 50mm, 4-sides	07P-DDP4010		4 x 50mm, Round	07P-DDP4023
	2 x 2 x 50mm, 4-sides	07P-DDP4011		2.3 x 3.5 x 50mm, Ellipse	07P-DDP4024
	3 x 3 x 50mm, 4-sides	07P-DDP4012			



Diamond Needle Files are the perfect tools for grinding different metals and hard materials such as tungsten carbide, steels of 40Hrc and harder, ceramic materials, glass and more. They are a must for any tool and die shop, extruders and repairs of hardened alloys and ceramics.

Total Length 140mm
Diamond Coated Length 70mm
3.0mm Round Shank
Available in 80, 120 and 200 Grit

DIAMOND NEEDLE FILES

SHAPE	80 GRIT ORDER NO.	120 GRIT ORDER NO.	200 GRIT ORDER NO.
 Equalling	07C-DNF3000	07C-DNF2000	07C-DNF1000
 Half Round	07C-DNF3001	07C-DNF2001	07C-DNF1001
 Crossing	07C-DNF3002	07C-DNF2002	07C-DNF1002
 Knife	07C-DNF3003	07C-DNF2003	07C-DNF1003
 Warding	07C-DNF3004	07C-DNF2004	07C-DNF1004
 3-Square	07C-DNF3005	07C-DNF2005	07C-DNF1005
 Square	07C-DNF3006	07C-DNF2006	07C-DNF1006
 Round	07C-DNF3007	07C-DNF2007	07C-DNF1007
 Barrette	07C-DNF3008	07C-DNF2008	07C-DNF1008
 Slitting	07C-DNF3009	07C-DNF2009	07C-DNF1009
 Crochet	07C-DNF3010	07C-DNF2010	07C-DNF1010










Our Extra Slim Needle Files are perfect for grinding different metals and hard materials such as tungsten carbide, steels of 40Hrc and harder, ceramic materials, and glass. These slim files allow easy access to difficult and complicated areas.

Total Length 140mm
 Diamond Coated Length 70mm
 3.0mm Round Shank
 Available in 120, 200 and 300 Grit

EXTRA SLIM DIAMOND NEEDLE FILES

SHAPE	SIZE (mm)	120 GRIT	200 GRIT	300 GRIT	
	Equalling	5.1 x 0.9	07F-DES1000	07F-DES2000	07F-DES3000
	Three Square	2.7	07F-DES1001	07F-DES2001	07F-DES3001
	Square	2.9	07F-DES1002	07F-DES2002	07F-DES3002
	Half Round	3.8 x 1.5	07F-DES1003	07F-DES2003	07F-DES3003
	Round	2.8	07F-DES1004	07F-DES2004	07F-DES3004



INTERCHANGEABLE FILE HANDLE

Holds any 1/8" shank tool.

ORDER NO. 01Z-MSC1100





Needle Taper Diamond Files are precision manufactured with the highest quality diamond allowing mold and die polishers easy access in difficult areas like ribs and slots. They work great for removal of EDM scale leaving a high surface finish. Available individually or in a cost saving set.

Total Length 130mm
 Diamond Coated Length 30-40mm
 Plastic Handle
 Available in 140, 200 and 320 Grit

DIAMOND NEEDLE TAPER FILES

	SIZE (mm)	140 GRIT	200 GRIT	320 GRIT
	0.5 x 1 x 130	-	-	07N-NTF3000
	0.5 x 3 x 130	07N-NTF1001	07N-NTF2001	07N-NTF3001
	0.5 x 5 x 130	07N-NTF1002	07N-NTF2002	07N-NTF3002
	0.5 x 7 x 130	07N-NTF1003	07N-NTF2003	07N-NTF3003

DIAMOND NEEDLE TAPER FILE SET



Set includes 1 of each of the following:

- 0.5 x 1 x 130mm, 320 grit
- 0.5 x 3 x 130mm, 140, 200 & 320 Grit
- 0.5 x 5 x 130mm, 140, 200 & 320 Grit
- 0.5 x 7 x 130mm, 140, 200 & 320 Grit

ORDER NO. 07N-NTF9000



Diamond Tip Lapper Files are specifically designed for use in high speed, short stroke profilers. They have a unique design which locks the file in place. Precisely manufactured from the highest quality diamond, Diamond Tip Lapper Files are excellent for use in hard to reach ribs, slots and details areas.

Total Length 60-90mm
 Diamond Coated Length 25-60mm
 Available in 120, 150 and 200 Grit

DIAMOND TIP LAPPER FILES

	SIZE (mm)	120 GRIT	150 GRIT	200 GRIT
	0.5 x 4-2 x 60	07Q-DTF3000	07Q-DTF2000	07Q-DTF1000
	0.5 x 4 x 60	07Q-DTF3001	07Q-DTF2001	07Q-DTF1001
	0.5 x 6 x 70	07Q-DTF3002	07Q-DTF2002	07Q-DTF1002
	0.5 x 8 x 70	07Q-DTF3003	07Q-DTF2003	07Q-DTF1003
	0.5 x 8 x 90	07Q-DTF3004	07Q-DTF2004	07Q-DTF1004
	0.5 x 10 x 70	07Q-DTF3005	07Q-DTF2005	07Q-DTF1005
	0.5 x 10 x 90	07Q-DTF3006	07Q-DTF2006	07Q-DTF1006



DIAMOND TIP LAPPER FILE ASSORTMENT SET

07Q-KIT9000

Set includes 12 files, 1 of each of the following:

- 0.5 x 4-2 x 60mm, 150, 200 & 400 grit
- 0.5 x 4 x 60mm, 150, 200 & 400 grit
- 0.5 x 6 x 70mm, 150 & 200 grit
- 0.5 x 8 x 70mm, 150 & 200 grit
- 0.5 x 10 x 70mm, 150 & 200 grit



Flexible Files are unique files ideal for use in areas where access is difficult. Available in Plastic or Metal styles, these files offer superior surface finish results.

Plastic Flexible Files are the first files to be made on a non-steel based blank. These flat files are made on a special composite material which allows them to be flexible, yet extremely strong and light. Available in 120, 200 and 400 grit.

Metal Flexible Files are strong yet extremely thin, long and flexible for use in narrow slots and hard-to-reach areas. Available in 170, 400, 600 and 1200 Grit.

FLEXIBLE FILES

PLASTIC

Width 14mm x Plated Length 88mm x Length 170mm

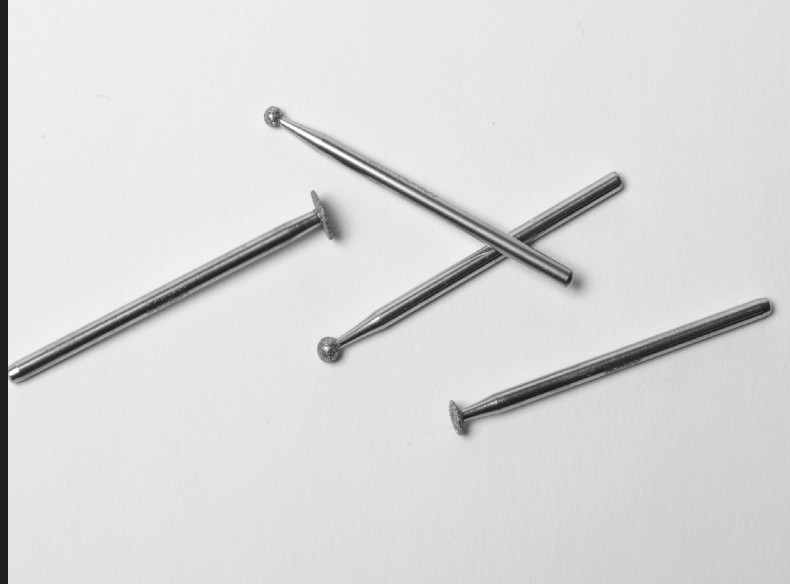
ORDER NO.	GRIT
07F-DDP4008	400
07F-DDP4009	200
07F-DDP4010	120

METAL

Width 12.7mm x Plated Length 50mm x Length 180mm

ORDER NO.	THICKNESS (mm after plating)	GRIT
07F-DDP4000	0.17	1200
07F-DDP4001	0.27	1200
07F-DDP4002	0.2	600
07F-DDP4003	0.3	600
07F-DDP4004	0.4	400
07F-DDP4005	0.5	400
07F-DDP4006	0.6	170
07F-DDP4007	0.8	170





Falcon Tool's Diamond Points & Wheels are excellent tools for grinding, sculpting and carving. They are available in many shapes and are extremely durable with a superior cutting edge. All have a 3/32" shank.

DIAMOND POINTS & WHEELS

**3/32"
SHANK**

STYLE NO.	BM-1	BM-3	BM-4	BM-6	BM-7
ORDER NO.	07L-DPW1001	07L-DPW1003	07L-DPW1004	07L-DPW1006	07L-DPW1007

STYLE NO.	BM-17	BM-18	BM-23	BM-24
ORDER NO.	07L-DPW1017	07L-DPW1018	07L-DPW1023	07L-DPW1024

STYLE NO.	BM-26	BM-28	BM-29	BM-30	BM-39
ORDER NO.	07L-DPW1026	07L-DPW1028	07L-DPW1029	07L-DPW1030	07L-DPW1039

MAXIMUM RPM	250,000	120,000	80,000	60,000	40,000
	BM-17	BM-18, 23, 28, 29, 30	BM-6, 7, 24, 26	BM-1, 4, 39	BM-3



DIAMOND WHEEL DRESSING STICK

Soft aluminum oxide abrasive for cleaning diamond wheels to re-expose the diamond particles.

STYLE NO.	ORDER NO.	SIZE (INCHES)
DS-80	07Z-MSC1200	1/2 x 1/2 x 6

PHONO POINTS

High-quality miniature points with full-size, long-lasting diamonds used for precision intricate, small radius dressing. Overall length is 1" with a 1/8" shank.

ANGLE	90°	75°	60°
ORDER NO.	07M-PPT1090	07M-PPT1075	07M-PPT1060





Falcon Tool's Diamond Wheels for Jig and Internal Grinding feature hardened steel shanks and multi-layer diamond coated surfaces. The diamond particles are bonded onto the mandrel through the "Electrogrip" process, which maximizes diamond particle exposure assuring a free cutting action which greatly reduces heat and wear. When properly used, these tools consistently outperform conventional single layer diamond mandrels.

DIAMOND WHEELS FOR JIG AND INTERNAL GRINDING



STYLE NO.	ORDER NO. COARSE GRIT 80/100	ORDER NO. FINE GRIT 200/240	A ±0.0015 (INCHES)	B ±0.0010 (INCHES)	C ±0.0005 (INCHES)
PD-1	-	07H-PDW1001	.020	1/16	1/8
PD-2	-	07H-PDW1002	.025	3/32	1/4
PD-3	-	07H-PDW1003	.030	3/32	1/4
PD-4	-	07H-PDW1004	.035	3/32	1/4
PD-5	07H-PDW2005	07H-PDW1005	.040	1/8	3/8
PD-6	07H-PDW2006	07H-PDW1006	.045	1/8	3/8
PD-7	07H-PDW2007	07H-PDW1007	.050	1/8	3/8
PD-8	07H-PDW2008	07H-PDW1008	.050	1/8	1
PD-9	07H-PDW2009	07H-PDW1009	.055	1/8	3/8
PD-10	07H-PDW2010	07H-PDW1010	.060	1/8	3/8
PD-11	07H-PDW1011	07H-PDW1011	.060	1/8	1
PD-12	07H-PDW2012	07H-PDW1012	.070	5/32	1/2
PD-13	07H-PDW2013	07H-PDW1013	.070	5/32	1
PD-14	07H-PDW2014	07H-PDW1014	.080	5/32	1/2
PD-15	07H-PDW2015	07H-PDW1015	.080	5/32	1
PD-16	07H-PDW2016	07H-PDW1016	.090	5/32	1/2
PD-17	07H-PDW2017	07H-PDW1017	.090	5/32	1
PD-18	07H-PDW2018	07H-PDW1018	.100	5/32	1/2
PD-19	07H-PDW2019	07H-PDW1019	.100	5/32	1
PD-20	07H-PDW2020	07H-PDW1020	.110	5/32	1/2
PD-21	07H-PDW2021	07H-PDW1021	.110	5/32	1
PD-22	07H-PDW2022	07H-PDW1022	.125	5/32	1/2
PD-23	07H-PDW2023	07H-PDW1023	.125	5/32	1

.020-.200 DIA

.200-.500 DIA

.500-1.00 DIA

RECOMMENDED SPEEDS

60,000-120,000 RPM

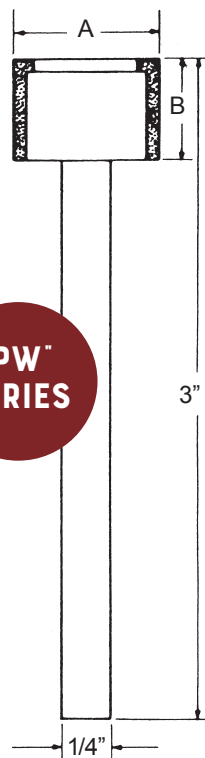
45,000-60,000 RPM

30,000-45,000 RPM

DIAMOND WHEELS FOR JIG AND INTERNAL GRINDING



STYLE NO.	ORDER NO. COARSE GRIT 80/100	ORDER NO. FINE GRIT 200/240	A ±0.0015 (INCHES)	B ±0.0010 (INCHES)	C ±0.0005 (INCHES)
P-101	-	07H-PDW3101	.020	1/16	1/8
P-102	-	07H-PDW3102	.025	3/32	1/4
P-103	-	07H-PDW3103	.030	3/32	1/4
P-104	-	07H-PDW3104	.035	3/32	1/4
P-105	07H-PDW4105	07H-PDW3105	.040	1/8	3/8
P-106	07H-PDW4106	07H-PDW3106	.045	1/8	3/8
P-107	07H-PDW4107	07H-PDW3107	.050	1/8	3/8
P-108	07H-PDW4108	07H-PDW3108	.055	1/8	3/8
P-109	07H-PDW4109	07H-PDW3109	.060	1/8	3/8
P-110	07H-PDW4110	07H-PDW3110	.070	5/32	1/2
P-111	07H-PDW4111	07H-PDW3111	.080	5/32	1/2
P-112	07H-PDW4112	07H-PDW3112	.090	5/32	1/2
P-113	07H-PDW4113	07H-PDW3113	.100	5/32	1/2
P-114	07H-PDW4114	07H-PDW3114	.110	5/32	1/2
P-115	07H-PDW4115	07H-PDW3115	.125	5/32	1/2



STYLE NO.	ORDER NO. COARSE GRIT 80/100	ORDER NO. MEDIUM GRIT 150/170	A (INCHES)	B (INCHES)
PW-201	07H-PDW6201	07H-PDW5201	9/64	1/4
PW-202	07H-PDW6202	07H-PDW5202	5/32	1/4
PW-203	07H-PDW6203	07H-PDW5203	3/16	1/4
PW-204	07H-PDW6204	07H-PDW5204	7/32	1/4
PW-205	07H-PDW6205	07H-PDW5205	1/4	1/8
PW-206	07H-PDW6206	07H-PDW5206	1/4	1/4
PW-207	07H-PDW6207	07H-PDW5207	5/16	1/8
PW-208	07H-PDW6208	07H-PDW5208	5/16	1/4
PW-209	07H-PDW6209	07H-PDW5209	5/16	3/8
PW-210	07H-PDW6210	07H-PDW5210	3/8	1/8
PW-211	07H-PDW6211	07H-PDW5211	3/8	1/4
PW-212	07H-PDW6212	07H-PDW5212	3/8	3/8
PW-213	07H-PDW6213	07H-PDW5213	1/2	1/4
PW-214	07H-PDW6214	07H-PDW5214	1/2	3/8
PW-215	07H-PDW6215	07H-PDW5215	1/2	1/2
PW-216	07H-PDW6216	07H-PDW5216	3/4	1/4
PW-217	07H-PDW6217	07H-PDW5217	3/4	1/2

.020-.200 DIA

.200-.500 DIA

.500-1.00 DIA

RECOMMENDED SPEEDS

60,000-120,000 RPM

45,000-60,000 RPM

30,000-45,000 RPM

FILES
ABRASIVE STONES
CUTTING TOOLS
MOUNTED POINTS & WHEELS
DIAMOND TOOLS
ABRASIVES
COMPOUNDS
BRUSHES, WOOD STICKS & FELT
EQUIPMENT
VISION EQUIPMENT & MISC TOOLS

ABRASIVES



Falcon Tool Company offers a selection of coated, rubberized and cotton fiber abrasive products for a variety of finishing and polishing applications.

BELT STICKS

Belt Sticks are versatile tools ideal for metal finishing, woodworking, pattern making and much more. Used for sanding and smoothing hard-to-reach areas.

CARTRIDGE ROLLS

Ideal for finishing operations on inside diameters, dead-end holes, and lapping operations.

CRATEX® RUBBERIZED ABRASIVES

Made with high quality silicon carbide, evenly distributed throughout a premium grade oil-resistant chemical rubber bond.

MANDRELS

For use with a variety of Falcon products including Cratex®, Unmounted Wheels and Points, Felt and more.

PILOT MANDRELS

Designed to easily mount cartridge rolls.

MX FINISHING WHEELS

Abrasive impregnated cotton fiber mounted points used in many different applications including tool & die, aerospace, automotive, fabrication and jewelry finishing for chamfering, deburring, cleaning, blending, and finishing.

PRESS-ON DISCS

Long lasting, fast cutting and durable discs ideal for light blending and contoured areas. Can be used on both ferrous and non-ferrous metals.

ALUMINUM OXIDE PRESS-ON STRIPS

Great for polishing ribs, slots and hard-to-reach areas.

PRESS-ON DISC HOLDERS & PRESS-ON STRIP HOLDER

Holders for Falcon's Press-On Discs and Strips.

RADIAL DISCS

Excellent tool for finishing and polishing hard-to-access areas without removing detail or causing flat spots.

SILICON CARBIDE WATERPROOF PAPER

Used for light to heavy sanding, shaping and finishing.



Belt Sticks are economical and versatile tools used for sanding and smoothing hard-to-reach areas. They are ideal for metal finishing, woodworking, mold finishing, pattern making, welding cleanup, jewelry making, gun repair and much more. These multifunctional belt sticks accommodate 1/4", 1/2" or 3/4" wide aluminum oxide abrasive belts that fit onto their spring-loaded tensioning device allowing the belt to be quickly changed or rotated so that all areas of the belt can be used. They feature three working areas: a flat bottom, a round end and a tapered end for intricate areas. Abrasive belts are resin-bonded aluminum oxide and can be used dry or with water or solvents.

Product Features:

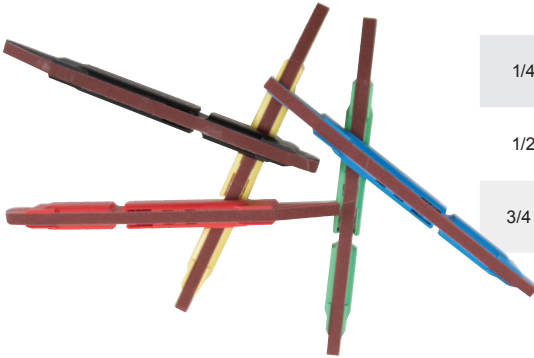
- Replaceable abrasive belts can be easily indexed around the tool enabling the economical use of the entire abrasive material
- Ergonomic shape for added comfort
- Thumb and finger supports for added control
- Supplied in 5 colors to quickly distinguish one grit from another

Purchase Belt Sticks (with one belt) individually or in a cost saving Belt Stick Set!

BELT STICKS & REPLACEMENT BELTS

BELT STICKS

Sold individually (one belt stick with belt)



SIZE	120 GRIT	240 GRIT	320 GRIT	400 GRIT	600 GRIT
	RED	BLUE	GREEN	YELLOW	BLACK
1/4 x 6	08Q-SBS1000	08Q-SBS1001	08Q-SBS1002	08Q-SBS1003	08Q-SBS1004
1/2 x 8	08Q-SBS1005	08Q-SBS1006	08Q-SBS1007	08Q-SBS1008	08Q-SBS1009
3/4 x 10	08Q-SBS1010	08Q-SBS1011	08Q-SBS1012	08Q-SBS1013	08Q-SBS1014

REPLACEMENT BELTS

Sold in packages of 10

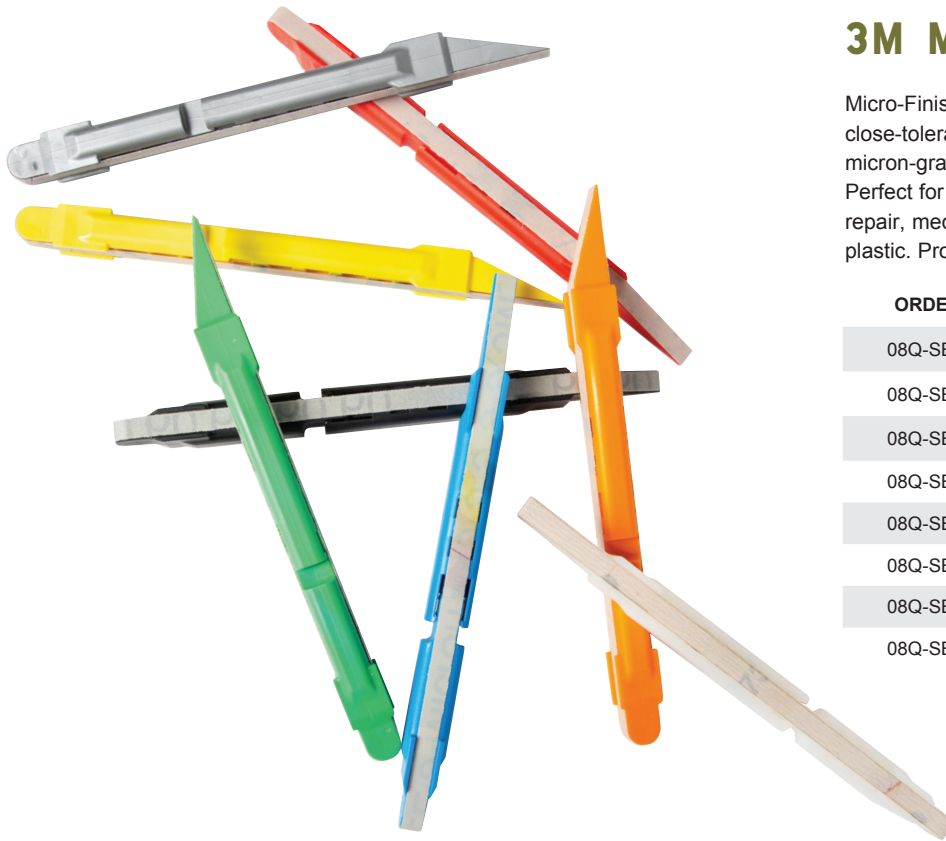


1/4 x 6	08Q-SBS2000	08Q-SBS2001	08Q-SBS2002	08Q-SBS2003	08Q-SBS2004
1/2 x 8	08Q-SBS2005	08Q-SBS2006	08Q-SBS2007	08Q-SBS2008	08Q-SBS2009
3/4 x 10	08Q-SBS2010	08Q-SBS2011	08Q-SBS2012	08Q-SBS2013	08Q-SBS2014

BELT STICK SET

10 piece Belt Stick Set includes 5 Belt Sticks in a 1/4" size: 1 each of Red (120 Grit), Blue (240 Grit), Green (320 Grit), Yellow (400 Grit), and Black (600 Grit) each equipped with 1 abrasive belt.

ORDER NO. 08Q-SBS9000



3M MICRO-FINISH FILM BELTS

Micro-Finish Film is a fast-cutting abrasive used for precise, uniform, close-tolerance finishing. High strength polyester film backing and micron-graded aluminum oxide mineral resin are bonded for durability. Perfect for tool and die work, gunsmithing, jewelry making, watch repair, medical devices and much more. Works well on both metal and plastic. Product should be used dry.

ORDER NO.	Color	Grit	Micron
08Q-SBS3100	Black	220 Grit	60 μ
08Q-SBS3101	Gray	270 Grit	50 μ
08Q-SBS3102	Red	320 Grit	40 μ
08Q-SBS3103	Green	400 Grit	30 μ
08Q-SBS3104	Orange	600 Grit	15 μ
08Q-SBS3105	Yellow	800 Grit	14 μ
08Q-SBS3106	White	1000 Grit	12 μ
08Q-SBS3107	Blue	1200 Grit	9 μ

Sold Individually (one belt stick with belt) or available in 3 sets below

SANDING DETAILER SETS

1/4" Wide x 6" Long
ORDER NO. 08Q-SBS9001
 Includes 8 Sanding Detailers each equipped with (1) Belt

QUANTITY	COLOR	GRIT/MICRONS
1 ea.	Black	220/60μ
1 ea.	Gray	270/50μ
1 ea.	Red	320/40μ
1 ea.	Green	400/30μ
1 ea.	Orange	600/15μ
1 ea.	Yellow	800/14μ
1 ea.	White	1000/12μ
1 ea.	Blue	1200/9μ

Coarse Grit
ORDER NO. 08Q-SBS9003
 Includes 4 Coarse Grit Sanding Detailers with (5) Belts

QUANTITY	COLOR	GRIT/MICRONS
1 ea.	Black	220/60μ
1 ea.	Gray	270/50μ
1 ea.	Red	320/40μ
1 ea.	Green	400/30μ
5 ea.	Black	220/60μ
5 ea.	Gray	270/50μ
5 ea.	Red	320/40μ
5 ea.	Green	400/30μ

Fine Grit
ORDER NO. 08Q-SBS9002
 Includes 4 Fine Grit Sanding Detailers with (5) Belts

QUANTITY	COLOR	GRIT/MICRONS
1 ea.	Orange	600/15μ
1 ea.	Yellow	800/14μ
1 ea.	White	1000/12μ
1 ea.	Blue	1200/9μ
5 ea.	Orange	600/15μ
5 ea.	Yellow	800/14μ
5 ea.	White	1000/12μ
5 ea.	Blue	1200/9μ

REPLACEMENT BELTS

Sold in packages of 10



ORDER NO.	COLOR	GRIT	MICRON
08Q-SBS3000	Black	220 Grit	60 μ
08Q-SBS3001	Gray	270 Grit	50 μ
08Q-SBS3002	Red	320 Grit	40 μ
08Q-SBS3003	Green	400 Grit	30 μ
08Q-SBS3004	Orange	600 Grit	15 μ
08Q-SBS3005	Yellow	800 Grit	14 μ
08Q-SBS3006	White	1000 Grit	12 μ
08Q-SBS3007	Blue	1200 Grit	9 μ



Falcon Tool's Resin Bond Cartridge Rolls are ideal for finishing operations on inside diameters, dead-end holds, and lapping operations. Their self-renewing feature of wearing through one layer of abrasive cloth to uncover the layer beneath makes them an excellent tool for blending where high finishes are required. They are available in a wide range of sizes and grits for every kind of application.

Always wear proper eye protection while using rotary power tool accessories. Sold in packages of 100 pieces.

RECOMMENDED RPM

DIAMETER	RPM
1/8" - 1/2"	16,000-22,000
5/8" - 1"	12,000-18,000
1" - 1-1/2"	10,000-15,000

Coarser grit and slower speed removes more material.

Finer grit and faster speed produces a finer finish.

CARTRIDGE ROLLS

Size No. 30R • Diameter: 1/8" • Center Hole: 5/64"

GRIT	3/4" ROLL LENGTH	1" ROLL LENGTH
	ORDER NO.	ORDER NO.
80	08F-CTR4000	08F-CTR5000
100	08F-CTR4001	08F-CTR5001
120	08F-CTR4002	08F-CTR5002
150	08F-CTR4003	08F-CTR5003
180	08F-CTR4004	08F-CTR5004
240	08F-CTR4005	08F-CTR5005
320	08F-CTR4006	08F-CTR5006

Size No. 31R • Diameter: 3/16" • Center Hole: 3/32"

GRIT	3/4" ROLL LENGTH	1" ROLL LENGTH
	ORDER NO.	ORDER NO.
60	-	08F-CTR6810
80	08F-CTR4100	08F-CTR5100
100	08F-CTR4101	08F-CTR5101
120	08F-CTR4102	08F-CTR5102
180	08F-CTR4104	08F-CTR5104
240	08F-CTR4105	08F-CTR5105
320	08F-CTR4106	08F-CTR5106

Size No. 32R • Diameter: 1/4" • Center Hole: 1/8"

GRIT	3/4" ROLL LENGTH	1" ROLL LENGTH	1 1/2" ROLL LENGTH
	ORDER NO.	ORDER NO.	ORDER NO.
60	-	08F-CTR5200	08F-CTR6200
80	08F-CTR4201	08F-CTR5201	08F-CTR6201
100	08F-CTR4202	08F-CTR5202	08F-CTR6202
120	08F-CTR4203	08F-CTR5203	08F-CTR6203
150	08F-CTR4204	08F-CTR5204	08F-CTR6204
180	08F-CTR4205	08F-CTR5205	08F-CTR6205
240	08F-CTR4206	08F-CTR5206	08F-CTR6206
320	08F-CTR4207	08F-CTR5207	08F-CTR6207

Size No. 33R • Diameter: 5/16" • Center Hole: 1/8"

GRIT	3/4" ROLL LENGTH	1" ROLL LENGTH	1 1/2" ROLL LENGTH
	ORDER NO.	ORDER NO.	ORDER NO.
60	-	08F-CTR5302	08F-CTR6302
80	08F-CTR4303	08F-CTR5303	08F-CTR6303
100	08F-CTR4304	08F-CTR5304	08F-CTR6304
120	08F-CTR4305	08F-CTR5305	08F-CTR6305
150	08F-CTR4306	08F-CTR5306	08F-CTR6306
180	08F-CTR4307	08F-CTR5307	08F-CTR6307
240	08F-CTR4308	08F-CTR5308	08F-CTR6308
320	08F-CTR4309	08F-CTR5309	08F-CTR6309

Different sizes and grits available upon request

QUANTITY DISCOUNTS

- 5% 500 OF THE SAME
- 8% 1000 OF THE SAME
- 10% 2500 OF THE SAME

Size No. 34R • Diameter: 3/8" • Center Hole: 1/8"

	3/4" ROLL LENGTH	1" ROLL LENGTH	1 1/2" ROLL LENGTH
GRIT	ORDER NO.	ORDER NO.	ORDER NO.
60	–	08F-CTR5402	08F-CTR6402
80	08F-CTR4403	08F-CTR5403	08F-CTR6403
100	08F-CTR4404	08F-CTR5404	08F-CTR6404
120	08F-CTR4405	08F-CTR5405	08F-CTR6405
150	08F-CTR4406	08F-CTR5406	08F-CTR6406
180	08F-CTR4407	08F-CTR5407	08F-CTR6407
240	08F-CTR4408	08F-CTR5408	08F-CTR6408
320	08F-CTR4409	08F-CTR5409	08F-CTR6409

Size No. 35R • Diameter: 1/2" • Center Hole: 1/8"

	3/4" ROLL LENGTH	1" ROLL LENGTH	1 1/2" ROLL LENGTH
GRIT	ORDER NO.	ORDER NO.	ORDER NO.
60	–	08F-CTR5502	08F-CTR6502
80	08F-CTR4503	08F-CTR5503	08F-CTR6503
100	08F-CTR4504	08F-CTR5504	08F-CTR6504
120	08F-CTR4505	08F-CTR5505	08F-CTR6505
150	08F-CTR4506	08F-CTR5506	08F-CTR6506
180	08F-CTR4507	08F-CTR5507	08F-CTR6507
240	08F-CTR4508	08F-CTR5508	08F-CTR6508
320	08F-CTR4509	08F-CTR5509	08F-CTR6509

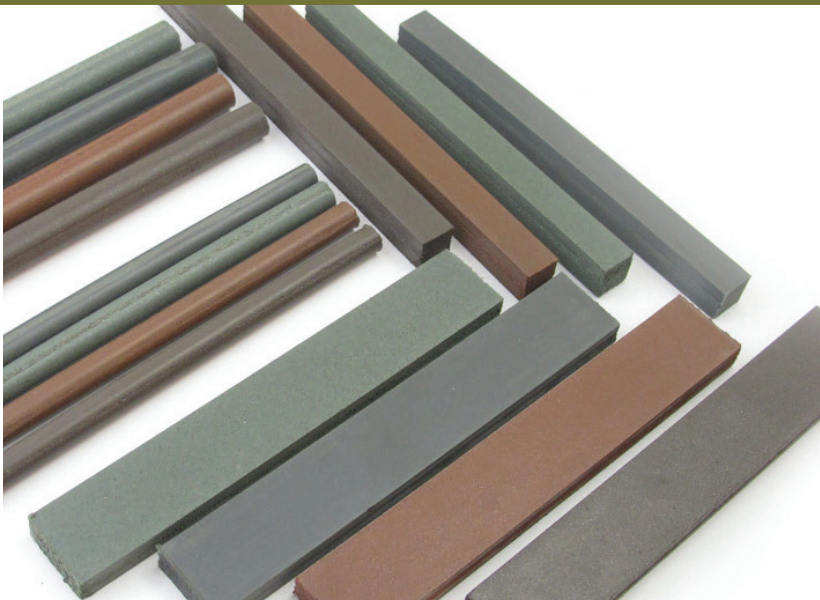
Size No. 36R • Diameter: 5/8" • Center Hole: 3/16"

	1" ROLL LENGTH
GRIT	ORDER NO.
60	08F-CTR5602
80	08F-CTR5603
100	08F-CTR5604
120	08F-CTR5605
180	08F-CTR5607
240	08F-CTR5608
320	08F-CTR5609

Different sizes and grits available upon request

QUANTITY DISCOUNTS

- 5% 500 OF THE SAME
- 8% 1000 OF THE SAME
- 10% 2500 OF THE SAME



Cratex® Rubberized Abrasives are used in a widely diversified list of industries, on production and assembly lines, in finishing operations, in tool and machine shops, in the production of basic tools, instruments, component parts and for maintenance and repairs. Cratex® is made with premium quality silicon carbide, evenly distributed throughout a premium grade oil-resistant chemical rubber bond. In contrast to hard grinding wheels the Cratex® bond has a unique cushioned action. It resists loading and cuts smoothly without gouging into the work surface and is ideal for a broad range of applications where metallic or non-metallic surfaces must be smoothed and polished without loss of dimensional tolerances or control.

Available in a variety of shapes and sizes including wheels, points, cones, blocks and sticks in four standard grit textures.

CRATEX® RUBBERIZED ABRASIVES

BASIC APPLICATIONS:

- Light deburring and smoothing to relieve stress concentrations and to remove visible and microscopic burrs without impacting surrounding areas.
- Smoothing and polishing to improve wearing qualities and to reduce the dangers of progressive fracture and fatigue failure.
- Cleaning and polishing to remove undesirable surface deposits.
- Polishing and smoothing to improve performance, appearance, cleanliness and to lessen the dangers of surface contamination.

CRATEX® TOOL & DIE MAKER KITS

Cratex® Rubberized Abrasive Kits that vary in offerings so that you can find exactly which abrasives are perfect for you. Additional kits available by request, contact us for more information!

CRATEX® POINT TEST KIT

64 piece set, contains two each of all eight Cratex Point shapes equally assorted in four grit plus two No. 4 and two No. 6 Point Mandrels.

Cratex® No. 778 08N-CTX9778

- 8 Cylinder Points No. 4 – 1/2" length x 1/4" dia.
- 8 Cylinder Points No. 6 – 7/8" length x 1/4" dia.
- 8 Bullet Points No. 8 – 1" length x 9/32" dia.
- 8 Bullet Points No. 10 – 5/8" length x 3/8" dia.
- 8 Bullet Points No. 11 – 1" length x 3/8" dia.



- 8 Tapered Points No. 12 – 7/8" length x 3/8" to 5/16" dia.
- 8 Tapered Points No. 14 – 7/8" length x 5/8" to 1/8" dia.
- 8 Bullet Points No. 15 – 7/8" length x 1/2" dia.
- 2 Point Mandrels No. 4 – 1/8" shank
- 2 Point Mandrels No. 6 – 1/8" shank

*Max safe speed 25,000 RPM. Best results are usually obtained at 30% to 80% of Maximum safe speed. Use light work pressure.

CRATEX® INTRODUCTORY KIT

Contains 80 Wheels and Points plus 4 Mandrels. Packaged in a four compartment plastic box by grit textures C, M, F, & XF for easy selection. Ideal for use in a wide range of polishing, smoothing and deburring applications.

Cratex® No. 777 08N-CTX9777

- 8 Tapered Edge Wheels No. 2 – 5/8" dia.
- 16 Straight Wheels No. 74 – 7/8" dia. x 1/8" thick
- 8 Straight Wheels No. 86 – 1" dia. x 3/16" thick
- 16 Cylinder Points No. 6 – 7/8" length x 1/4" dia.
- 16 Bullet Points No. 8 – 1" length x 9/32" dia.
- 8 Bullet Points No. 10 – 5/8" length x 3/8" dia.
- 2 Wheel Mandrels No. 3 – 1/8" shank
- 2 Point Mandrels No. 4 – 1/8" shank

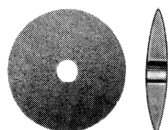
Small wheels – max safe speed 25,000 RPM
 Points – max safe speed 25,000 RPM
 Cones – max safe speed 20,000 RPM

Best results are usually obtained at 30% to 80% of Maximum safe speed. Use light work pressure.





Wheel - Knife Edge



SHAPED WHEELS AND POINTS

1/16" Center Hole Sold in packages of 100 pieces.

Cratex® Grit Specification

TEXTURE CODE	Coarse	Medium	Fine	Extra Fine
C		M	F	XF
COLOR	Green	Dark Brown	Reddish Brown	Grey Green
GRIT	80	150	280	400

1/16" CENTER HOLE

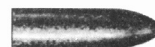
Shape 4 Cylinder



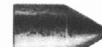
Shape 6 Cylinder



Shape 8 Bullet



Shape 10 Bullet

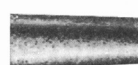


1/8" CENTER HOLE

Shape 11 Bullet



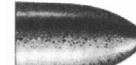
Shape 12 Tapered



Shape 14 Tapered



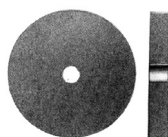
Shape 15 Bullet



DIMENSIONS & SHAPE IN INCHES	C (COARSE)		M (MEDIUM)		F (FINE)		XF (EXTRA FINE)	
	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.
WHEELS - KNIFE EDGE								
3/8 dia. x 3/32 thick	1-C	08N-CTX0011	1-M	08N-CTX0012	1-F	08N-CTX0013	1-XF	08N-CTX0014
5/8 dia. x 3/32 thick	2-C	08N-CTX0021	2-M	08N-CTX0022	2-F	08N-CTX0023	2-XF	08N-CTX0024
1 dia. x 1/8 thick	5-C	08N-CTX0051	5-M	08N-CTX0052	5-F	08N-CTX0053	5-XF	08N-CTX0054
POINTS - CYLINDER								
1/2 lg x 1/4 dia.	4-C	08N-CTX0041	4-M	08N-CTX0042	4-F	08N-CTX0043	4-XF	08N-CTX0044
7/8 lg x 1/4 dia.	6-C	08N-CTX0061	6-M	08N-CTX0062	6-F	08N-CTX0063	6-XF	08N-CTX0064
POINTS - BULLET								
1 lg x 9/32 dia.	8-C	08N-CTX0081	8-M	08N-CTX0082	8-F	08N-CTX0083	8-XF	08N-CTX0084
5/8 lg x 3/8 dia.	10-C	08N-CTX0101	10-M	08N-CTX0102	10-F	08N-CTX0103	10-XF	08N-CTX0104
1 lg x 3/8 dia.	11-C	08N-CTX0111	11-M	08N-CTX0112	11-F	08N-CTX0113	11-XF	08N-CTX0114
7/8 lg x 1/2 dia.	15-C	08N-CTX0151	15-M	08N-CTX0152	15-F	08N-CTX0153	15-XF	08N-CTX0154
POINTS - TAPERED								
7/8 lg x 3/8 to 5/16 dia.	12-C	08N-CTX0121	12-M	08N-CTX0122	12-F	08N-CTX0123	12-XF	08N-CTX0124

STRAIGHT WHEELS

Sold in packages of 100 pieces.



DIMENSIONS (INCHES)			C (COARSE)		M (MEDIUM)		F (FINE)		XF (EXTRA FINE)	
DIA.	THICKNESS	HOLE	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.
5/8	3/32	1/16	53-C	08N-CTX0531	53-M	08N-CTX0532	53-F	08N-CTX0533	53-XF	08N-CTX0534
	1/8	1/16	54-C	08N-CTX0541	54-M	08N-CTX0542	54-F	08N-CTX0543	54-XF	08N-CTX0544
	1/4	1/16	59-C	08N-CTX0591	59-M	08N-CTX0592	59-F	08N-CTX0593	59-XF	08N-CTX0594
7/8	1/8	1/16	74-C	08N-CTX0741	74-M	08N-CTX0742	74-F	08N-CTX0743	74-XF	08N-CTX0744
	3/16	1/16	76-C	08N-CTX0761	76-M	08N-CTX0762	76-F	08N-CTX0763	76-XF	08N-CTX0764
	1/4	1/16	79-C	08N-CTX0791	79-M	08N-CTX0792	79-F	08N-CTX0793	79-XF	08N-CTX0794
1	3/32	1/16	83-C	08N-CTX0831	83-M	08N-CTX0832	83-F	08N-CTX0833	83-XF	08N-CTX0834
	1/8	1/16	80-C	08N-CTX0801	80-M	08N-CTX0802	80-F	08N-CTX0803	80-XF	08N-CTX0804
	3/16	1/16	86-C	08N-CTX0861	86-M	08N-CTX0862	86-F	08N-CTX0863	86-XF	08N-CTX0864
	1/4	1/16	88-C	08N-CTX0881	88-M	08N-CTX0882	88-F	08N-CTX0883	88-XF	08N-CTX0884

*Max safe speed 25,000 RPM. Best results are usually obtained at 30% to 80% of Maximum safe speed. Use light work pressure.

For Mandrels, see pages 115 & 116.



STRAIGHT WHEELS, LARGE

Sold Individually

DIMENSIONS (INCHES)			C (COARSE)		M (MEDIUM)		F (FINE)		XF (EXTRA FINE)	
DIA.	THICKNESS	HOLE	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.
1 1/2	1/8	1/8	152-C	08N-CTX1521	152-M	08N-CTX1522	152-F	08N-CTX1523	152-XF	08N-CTX1524
	3/16	1/4	153-C	08N-CTX1531	153-M	08N-CTX1532	153-F	08N-CTX1533	153-XF	08N-CTX1534
	1/4	1/4	154-C	08N-CTX1541	154-M	08N-CTX1542	154-F	08N-CTX1543	154-XF	08N-CTX1544
	3/8	1/4	156-C	08N-CTX1561	156-M	08N-CTX1562	156-F	08N-CTX1563	156-XF	08N-CTX1564
	1/2	1/4	158-C	08N-CTX1581	158-M	08N-CTX1582	158-F	08N-CTX1583	158-XF	08N-CTX1584
2	1/8	1/4	202-C	08N-CTX2021	202-M	08N-CTX2022	202-F	08N-CTX2023	202-XF	08N-CTX2024
	3/16	1/4	203-C	08N-CTX2031	203-M	08N-CTX2032	203-F	08N-CTX2033	203-XF	08N-CTX2034
	1/4	1/4	204-C	08N-CTX2041	204-M	08N-CTX2042	204-F	08N-CTX2043	204-XF	08N-CTX2044
	3/8	1/4	206-C	08N-CTX2061	206-M	08N-CTX2062	206-F	08N-CTX2063	206-XF	08N-CTX2064
	1/2	1/4	208-C	08N-CTX2081	208-M	08N-CTX2082	208-F	08N-CTX2083	208-XF	08N-CTX2084
2 1/2	1/4	1/4	254-C	08N-CTX2541	254-M	08N-CTX2542	254-F	08N-CTX2543	254-XF	08N-CTX2544
	3/8	1/4	256-C	08N-CTX2561	256-M	08N-CTX2562	256-F	08N-CTX2563	256-XF	08N-CTX2564
	1/2	1/4	258-C	08N-CTX2581	258-M	08N-CTX2582	258-F	08N-CTX2583	258-XF	08N-CTX2584
3	1/8	1/4	302-C	08N-CTX3021	302-M	08N-CTX3022	302-F	08N-CTX3023	302-XF	08N-CTX3024
	1/4	1/4	304-C	08N-CTX3041	304-M	08N-CTX3042	304-F	08N-CTX3043	304-XF	08N-CTX3044
	3/8	1/4	306-C	08N-CTX3061	306-M	08N-CTX3062	306-F	08N-CTX3063	306-XF	08N-CTX3064
	1/2	1/4	308-C	08N-CTX3081	308-M	08N-CTX3082	308-F	08N-CTX3083	308-XF	08N-CTX3084
	3/4	1/2	312-C	08N-CTX3121	312-M	08N-CTX3122	312-F	08N-CTX3123	312-XF	08N-CTX3124
	1	1/2	316-C	08N-CTX3161	316-M	08N-CTX3162	316-F	08N-CTX3163	316-XF	08N-CTX3164
4	1/8	1/2	402-C	08N-CTX4021	402-M	08N-CTX4022	402-F	08N-CTX4023	402-XF	08N-CTX4024
	1/4	1/2	404-C	08N-CTX4041	404-M	08N-CTX4042	404-F	08N-CTX4043	404-XF	08N-CTX4044
	3/8	1/2	406-C	08N-CTX4061	406-M	08N-CTX4062	406-F	08N-CTX4063	406-XF	08N-CTX4064
	1/2	1/2	408-C	08N-CTX4081	408-M	08N-CTX4082	408-F	08N-CTX4083	408-XF	08N-CTX4084
	3/4	1/2	412-C	08N-CTX4121	412-M	08N-CTX4122	412-F	08N-CTX4123	412-XF	08N-CTX4124
	1	1/2	416-C	08N-CTX4161	416-M	08N-CTX4162	416-F	08N-CTX4163	416-XF	08N-CTX4164
5	1/4	1/2	504-C	08N-CTX5041	504-M	08N-CTX5042	504-F	08N-CTX5043	504-XF	08N-CTX5044
	3/8	1/2	506-C	08N-CTX5061	506-M	08N-CTX5062	506-F	08N-CTX5063	506-XF	08N-CTX5064
	1/2	1/2	508-C	08N-CTX5081	508-M	08N-CTX5082	508-F	08N-CTX5083	508-XF	08N-CTX5084
	3/4	1/2	512-C	08N-CTX5121	512-M	08N-CTX5122	512-F	08N-CTX5123	512-XF	08N-CTX5124
	1	1/2	516-C	08N-CTX5161	516-M	08N-CTX5162	516-F	08N-CTX5163	516-XF	08N-CTX5164
6	1/4	1/2	604-C	08N-CTX6041	604-M	08N-CTX6042	604-F	08N-CTX6043	604-XF	08N-CTX6044
	3/8	1/2	606-C	08N-CTX6061	606-M	08N-CTX6062	606-F	08N-CTX6063	606-XF	08N-CTX6064
	1/2	1/2	608-C	08N-CTX6081	608-M	08N-CTX6082	608-F	08N-CTX6083	608-XF	08N-CTX6084
	5/8	1/2	610-C	08N-CTX6101	610-M	08N-CTX6102	610-F	08N-CTX6103	610-XF	08N-CTX6104
	3/4	1/2	612-C	08N-CTX6121	612-M	08N-CTX6122	612-F	08N-CTX6123	612-XF	08N-CTX6124
	1	1/2	616-C	08N-CTX6161	616-M	08N-CTX6162	616-F	08N-CTX6163	616-XF	08N-CTX6164
8	1/4	1/2	804-C	08N-CTX8041	804-M	08N-CTX8042	804-F	08N-CTX8043	804-XF	08N-CTX8044
	3/8	1/2	806-C	08N-CTX8061	806-M	08N-CTX8062	806-F	08N-CTX8063	806-XF	08N-CTX8064
	1/2	1/2	808-C	08N-CTX8081	808-M	08N-CTX8082	808-F	08N-CTX8083	808-XF	08N-CTX8084
	5/8	1/2	810-C	08N-CTX8101	810-M	08N-CTX8102	810-F	08N-CTX8103	810-XF	08N-CTX8104
	3/4	1/2	812-C	08N-CTX8121	812-M	08N-CTX8122	812-F	08N-CTX8123	812-XF	08N-CTX8124
	1	1/2	816-C	08N-CTX8161	816-M	08N-CTX8162	816-F	08N-CTX8163	816-XF	08N-CTX8164

For Mandrels, see pages 115 & 116.



BLOCKS & STICKS SQUARE, RECTANGULAR, ROUND

Sold Individually

Square

DIMENSIONS (INCHES)		C (COARSE)		M (MEDIUM)		F (FINE)		XF (EXTRA FINE)	
LENGTH	SIZE	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.
		6	1/4 x 1/4	6202-C	08N-CTX8301	6202-M	08N-CTX8302	6202-F	08N-CTX8303
1/2 x 1/2	6404-C		08N-CTX8311	6404-M	08N-CTX8312	6404-F	08N-CTX8313	6404-XF	08N-CTX8314
3/4 x 3/4	6606-C		08N-CTX8321	6606-M	08N-CTX8322	6606-F	08N-CTX8323	6606-XF	08N-CTX8324
1 x 1	6808-C		08N-CTX8331	6808-M	08N-CTX8332	6808-F	08N-CTX8333	6808-XF	08N-CTX8334

Rectangular

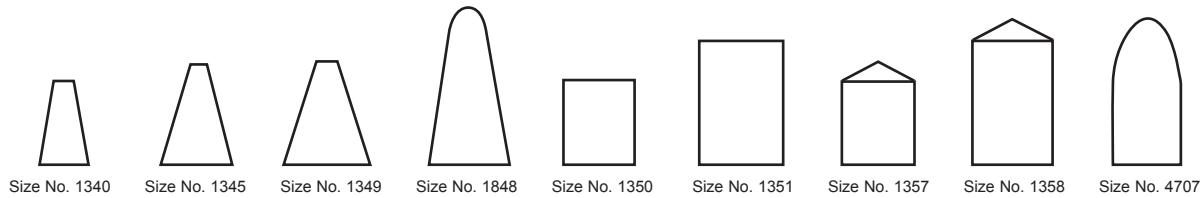
DIMENSIONS (INCHES)		C (COARSE)		M (MEDIUM)		F (FINE)		XF (EXTRA FINE)	
LENGTH	SIZE	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.
		3	1 x 1/4	3802-C	08N-CTX8401	3802-M	08N-CTX8402	3802-F	08N-CTX8403
4	2 x 3/8	4163-C	08N-CTX8411	4163-M	08N-CTX8412	4163-F	08N-CTX8413	4163-XF	08N-CTX8414
	1 x 1/8	6801-C	08N-CTX8421	6801-M	08N-CTX8422	6801-F	08N-CTX8423	6801-XF	08N-CTX8424
6	1 x 1/4	6802-C	08N-CTX8431	6802-M	08N-CTX8432	6802-F	08N-CTX8433	6802-XF	08N-CTX8434
	1 x 3/8	6803-C	08N-CTX8441	6803-M	08N-CTX8442	6803-F	08N-CTX8443	6803-XF	08N-CTX8444
6	2 x 1/4	6162-C	08N-CTX8451	6162-M	08N-CTX8452	6162-F	08N-CTX8453	6162-XF	08N-CTX8454
	2 x 1	6168-C	08N-CTX8461	6168-M	08N-CTX8462	6168-F	08N-CTX8463	6168-XF	08N-CTX8464
8	1 x 1/2	8804-C	08N-CTX8471	8804-M	08N-CTX8472	8804-F	08N-CTX8473	8804-XF	08N-CTX8474

Round

DIMENSIONS (INCHES)		C (COARSE)		M (MEDIUM)		F (FINE)		XF (EXTRA FINE)	
LENGTH	SIZE	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.	CRATEX® NO.	ORDER NO.
		6	3/16	036-C	08N-CTX8201	036-M	08N-CTX8202	036-F	08N-CTX8203
1/4	046-C		08N-CTX8211	046-M	08N-CTX8212	046-F	08N-CTX8213	046-XF	08N-CTX8214
5/16	056-C		08N-CTX8221	056-M	08N-CTX8222	056-F	08N-CTX8223	056-XF	08N-CTX8224
3/8	066-C		08N-CTX8231	066-M	08N-CTX8232	066-F	08N-CTX8233	066-XF	08N-CTX8234
1/2	086-C		08N-CTX8241	086-M	08N-CTX8242	086-F	08N-CTX8243	086-XF	08N-CTX8244
5/8	0106-C		08N-CTX8251	0106-M	08N-CTX8252	0106-F	08N-CTX8253	0106-XF	08N-CTX8254
3/4	0126-C		08N-CTX8261	0126-M	08N-CTX8262	0126-F	08N-CTX8263	0126-XF	08N-CTX8264
7/8	0146-C		08N-CTX8271	0146-M	08N-CTX8272	0146-F	08N-CTX8273	0146-XF	08N-CTX8274
1	0166-C		08N-CTX8281	0166-M	08N-CTX8282	0166-F	08N-CTX8283	0166-XF	08N-CTX8284

CRATEX® CONES TAPERED, CYLINDER, POINTED, BULLET SHAPE

Sold Individually



DIMENSIONS (INCHES)			C (COARSE)		M (MEDIUM)		F (FINE)		XF (EXTRA FINE)	
SHAPE	LENGTH	DIA.	CRATEX NO.	ORDER NO.	CRATEX NO.	ORDER NO.	CRATEX NO.	ORDER NO.	CRATEX NO.	ORDER NO.
Tapered	1	5/8 to 1/4	1340-C	08N-CTX8501	1340-M	08N-CTX8502	1340-F	08N-CTX8503	1340-XF	08N-CTX8504
Tapered	1-1/4	7/8 to 1/4	1345-C	08N-CTX8511	1345-M	08N-CTX8512	1345-F	08N-CTX8513	1345-XF	08N-CTX8514
Tapered	1-1/4	1 to 1/4	1349-C	08N-CTX8521	1349-M	08N-CTX8522	1349-F	08N-CTX8523	1349-XF	08N-CTX8524
Tapered	2	1 to 1/2	1848-C	08N-CTX8571	1848-M	08N-CTX8572	1848-F	08N-CTX8573	1848-XF	08N-CTX8574
Cylinder	1	7/8	1350-C	08N-CTX8531	1350-M	08N-CTX8532	1350-F	08N-CTX8533	1350-XF	08N-CTX8534
Cylinder	1-1/2	1	1351-C	08N-CTX8541	1351-M	08N-CTX8542	1351-F	08N-CTX8543	1351-XF	08N-CTX8544
Pointed	1-1/4	7/8	1357-C	08N-CTX8551	1357-M	08N-CTX8552	1357-F	08N-CTX8553	1357-XF	08N-CTX8554
Pointed	1-3/4	1	1358-C	08N-CTX8561	1358-M	08N-CTX8562	1358-F	08N-CTX8563	1358-XF	08N-CTX8564
Bullet	1-3/4	7/8	4707-C	08N-CTX8581	4707-M	08N-CTX8582	4707-F	08N-CTX8583	4707-XF	08N-CTX8584

Maximum Safe Speed 20,000 Revolutions Per Minute. Best results are usually obtained at 30% to 80% of Maximum Safe Speed. Use a light work pressure. For Mandrels, see pages 115 & 116.

A wide selection of mandrels for use with Falcon's Unmounted Wheels, Points, Felts, Cartridge Rolls and other products. Selection includes wheel mandrels, heavy duty mandrels, felt wheel and bob mandrels, and pilot mandrels.



MANDRELS

WHEEL MANDRELS



STYLE NO.	105	106	107	108	109	110	111
ORDER NO.	08S-MDR0105	08S-MDR0106	08S-MDR0107	08S-MDR0108	08S-MDR0109	08S-MDR0110	08S-MDR0111
SCREW	1/16	1/16	1/16	1/16	1/16	1/16	1/8
SHANK	3/32	3/32	3/32	1/8	1/8	1/8	1/8



STYLE NO.	112	113	114	115	116	118
ORDER NO.	08S-MDR0112	08S-MDR0113	08S-MDR0114	08S-MDR0115	08S-MDR0116	08S-MDR0118
SCREW	1/8	1/8	1/4	1/8	1/4	1/16
SHANK	1/8	1/8	1/8	1/4	1/4	1/4

HEAVY DUTY WHEEL MANDRELS



STYLE NO.	120	121	122	123
ORDER NO.	08S-MDR0120	08S-MDR0121	08S-MDR0122	08S-MDR0123
SCREW SIZE	1/4	1/4	1/4	1/4
THREAD LENGTH	1/2	3/4	1	1-1/4
SHANK	1/4	1/4	1/4	1/4

FELT WHEEL AND BOB MANDRELS



STYLE NO.	130	131	132	133	134	135	136	137
ORDER NO.	08S-MDR0130	08S-MDR0131	08S-MDR0132	08S-MDR0133	08S-MDR0134	08S-MDR0135	08S-MDR0136	08S-MDR0137
SHANK	3/32	1/8	1/8	1/8	1/8	1/4	1/4	1/4

PILOT MANDRELS

STYLE NO.	ORDER NO.	PILOT DIAMETER	PILOT LENGTH	SHANK DIAMETER
PM-1	08G-PLM1001	5/64"	1"	1/8"
PM-2	08G-PLM1002	3/32"	1"	1/8"
PM-3	08G-PLM1003	1/8"	1/2"	1/8"
PM-4	08G-PLM1004	1/8"	3/4"	1/8"
PM-5	08G-PLM1005	1/8"	1"	1/8"
PM-6	08G-PLM1006	1/8"	1/2"	1/4"
PM-7	08G-PLM1007	1/8"	3/4"	1/4"
PM-8	08G-PLM1008	1/8"	1"	1/4"
PM-9	08G-PLM1009	3/16"	1/2"	1/8"
PM-10	08G-PLM1010	3/16"	3/4"	1/8"
PM-11	08G-PLM1011	3/16"	1/2"	1/4"
PM-12	08G-PLM1012	3/16"	3/4"	1/4"
PM-13	08G-PLM1013	3/16"	1"	1/4"
PM-14	08G-PLM1014	1/4"	1/2"	1/4"
PM-15	08G-PLM1015	1/4"	3/4"	1/4"
PM-16	08G-PLM1016	1/4"	1"	1/4"
PM-17	08G-PLM1017	1/4"	1-1/2"	1/4"



SPECIAL LONG LENGTH PILOT MANDRELS & OLD STYLE PM-2

STYLE NO.	ORDER NO.	OVERALL LENGTH	PILOT DIAMETER	PILOT LENGTH	SHANK DIAMETER
PM-2 Special	08G-PLM1020	4"	3/32"	1"	1/4"
PM-8 Special	08G-PLM1021	4"	1/8"	1"	1/4"
PM-8 Special	08G-PLM1022	6"	1/8"	1"	1/4"
PM-13 Special	08G-PLM1023	6"	3/16"	1"	1/4"



Falcon Tool MX Finishing Wheels are engineered for blending, deburring, and finishing machined and cast parts. MX is acceptable for use on both ferrous and non-ferrous materials and works extremely well on stainless steel. It is very quiet and smooth running. Its special composition runs cool with virtually no loading. This non-loading makes it extremely suitable for working with softer metals and alloys, such as aluminum. Available with 1/8" and 1/4" shanks and in grits 50, 80, 120, 180, and 320. Sold in packages of 10 pieces.

Product Features:

- Deburr and finish in one step
- Controlled metal removal without changing part geometry
- Long life
- Smooth, chatter free operation
- Superior surface finishing on stainless steel and aluminum
- Non-loading on aluminum, brass, and other non-ferrous metals

MX FINISHING WHEELS

SHAPE NO.	SIZE (IN) (D X L)	SHANK	GRIT 50	GRIT 80	GRIT 120	GRIT 180	GRIT 320
MX-1/2	1/8 x 1/4	1/8	08D-MXW1000	08D-MXW2000	08D-MXW3000	08D-MXW4000	08D-MXW5000
MX-1	3/16 x 1/4	1/8	08D-MXW1001	08D-MXW2001	08D-MXW3001	08D-MXW4001	08D-MXW5001
MX-2	3/16 x 1/2	1/8	08D-MXW1002	08D-MXW2002	08D-MXW3002	08D-MXW4002	08D-MXW5002
MX-3	1/4 x 1/4	1/8	08D-MXW1003	08D-MXW2003	08D-MXW3003	08D-MXW4003	08D-MXW5003
MX-4	1/4 x 1/2	1/8	08D-MXW1004	08D-MXW2004	08D-MXW3004	08D-MXW4004	08D-MXW5004
MX-5	3/8 x 1/2	1/8	—	08D-MXW2005	08D-MXW3005	08D-MXW4005	08D-MXW5005
MX-6	1/2 x 1/2	1/8	08D-MXW1006	08D-MXW2006	08D-MXW3006	08D-MXW4006	08D-MXW5006
MX-7	1/2 x 3/4	1/8	—	08D-MXW2007	08D-MXW3007	08D-MXW4007	08D-MXW5007
MX-8	1/2 x 1	1/4	08D-MXW1008	—	08D-MXW3008	—	08D-MXW5008
MX-9	3/4 x 3/4	1/4	—	08D-MXW2009	08D-MXW3009	08D-MXW4009	—
MX-10	1 x 1	1/4	08D-MXW1010	08D-MXW2010	08D-MXW3010	08D-MXW4010	08D-MXW5010

QUANTITY DISCOUNTS
10% 100+ OF THE SAME

Applications:

Aircraft/Aerospace: Deburr and finish engine components

Automotive: Deburr and finish machined/cast parts

Tool & Die: Clean, deburr, repair, and finish

Fabrication: Blend corners, break edges, deburr I.D. and O.D.

Jewelry: Remove parting lines and finish castings



Falcon Tool Press-On Discs and Strips are manufactured using premium aluminum oxide grain and the highest quality pressure sensitive adhesive. The adhesive is also heat resistant which eliminates the possibility for discs to fly off during operation.

Press-On Discs are ideal for light blending and contoured areas and can be used on both ferrous and non-ferrous metals. Available in a variety of sizes and grits. Sold in packages of 100 pieces.

Press-On Strips measure 1" x 11" and are available in grits 80 – 400. They are great for polishing ribs, slots and hard-to-reach areas. Sold in packages of 25 pieces.

PRESS-ON DISCS & STRIPS

Style PD10 • Diameter: 1/2"

GRIT	ORDER NO.
50	08P-POD1001
80	08P-POD1003
100	08P-POD1004
120	08P-POD1005
150	08P-POD1006
180	08P-POD1007
240	08P-POD1008
320	08P-POD1009
500	08P-POD1011

Style PD11 • Diameter: 3/4"

GRIT	ORDER NO.
80	08P-POD1103
100	08P-POD1104
120	08P-POD1105
180	08P-POD1107
240	08P-POD1108
320	08P-POD1109
400	08P-POD1110
500	08P-POD1111

Style PD12 • Diameter: 1"

GRIT	ORDER NO.
80	08P-POD1203
100	08P-POD1204
120	08P-POD1205
150	08P-POD1206
180	08P-POD1207
240	08P-POD1208
320	08P-POD1209
400	08P-POD1210
500	08P-POD1211

Style PD13 • Diameter: 1-1/2"

GRIT	ORDER NO.
80	08P-POD1303
100	08P-POD1304
120	08P-POD1305
180	08P-POD1307
320	08P-POD1309

Style PD14 • Diameter: 2"

GRIT	ORDER NO.
120	08P-POD1405
180	08P-POD1407
240	08P-POD1408
320	08P-POD1409



PRESS-ON DISC HOLDERS

STYLE NO.	DIAMETER (INCHES)	ORDER NO. 1/8" SHANK SIZE	ORDER NO. 1/4" SHANK SIZE
RD10	1/2	08P-POD5010	08P-POD6010
RD11	3/4	08P-POD5011	08P-POD6011
RD12	1	08P-POD5012	08P-POD6012
RD13	1-1/2	08P-POD5013	08P-POD6013
RD14	2	—	08P-POD6014
RD15	3	—	08P-POD6015

Sold individually



ALUMINUM OXIDE PRESS-ON STRIPS

GRIT	ORDER NO.
80	08Q-POS1001
100	08Q-POS1002
120	08Q-POS1003
150	08Q-POS1004
180	08Q-POS1005
240	08Q-POS1006
320	08Q-POS1007
400	08Q-POS1008

25 strips per package

Press-on Strip Holder
08Q-POS5000
Sold individually



No matter what the material being worked, SUNBURST® Radial Discs are the best for finishing and polishing hard-to-access areas without removing detail or causing flat spots. The sharp, clean, specially treated ceramic abrasive grain embedded throughout their thin flexible bristles enable them to work faster and last longer than rubber wheels, brushes, buffs and conventional sanders. These radial discs generate minimal dust and heat and eliminate the need for polishing compound.

Available in Standard, 3-Ply, 4-Ply, and 6-Ply options and grits ranging from 36 grit to 1 micron.

Recommended operating speed for most applications is 3,000-18,000 RPM (5,000 RPM for woodworking).

Visit FalconTool.com for more information and for guidelines for usage.

DEDECO® SUNBURST® RADIAL DISCS & ACCESSORIES

SUNBURST® RADIAL DISCS

Sold in Packages of 12. Mandrels sold separately. See mandrel table for options.

Color	Grit/Micron	5/8"	7/8"	1"	2"	3"
Brown	36 Grit	--	--	08N-DED4000	--	--
Dk Green	50 Grit	--	--	08N-DED4001	--	--
Yellow	80 Grit	08N-DED1000	08N-DED2000	08N-DED4002	08N-DED5000	08N-DED8000
White	120 Grit	08N-DED1001	08N-DED2001	08N-DED4003	08N-DED5001	08N-DED8001
Red	220 Grit	08N-DED1002	08N-DED2002	08N-DED4004	08N-DED5002	08N-DED8002
Blue	400 Grit	08N-DED1003	08N-DED2003	08N-DED4005	08N-DED5003	08N-DED8003
Pink	600 Grit	08N-DED1004	08N-DED2004	--	--	--
Peach	6 Micron	08N-DED1005	08N-DED2005	--	08N-DED5004	08N-DED8004
Lt Green	1 Micron	08N-DED1006	08N-DED2006	--	08N-DED5005	08N-DED8005

SUNBURST® RADIAL DISCS 3-PLY

Sold Individually. Mandrels sold separately. See mandrel table for options.

Color	Grit/Micron	2"	3"
Yellow	80 Grit	08N-DED6000	08N-DED9000
White	120 Grit	08N-DED6001	08N-DED9001
Red	220 Grit	08N-DED6002	08N-DED9002
Blue	400 Grit	08N-DED6003	08N-DED9003
Peach	6 Micron	08N-DED6004	08N-DED9004
Lt Green	1 Micron	08N-DED6005	08N-DED9005

SUNBURST® RADIAL DISCS 4-PLY

Sold in Packages of 6. Sold mounted on a mandrel w/ 3/32" shank.

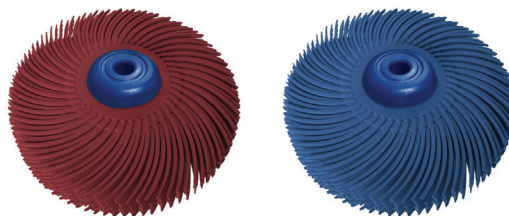
Color	Grit/Micron	7/8"
Yellow	80 Grit	08N-DED3000
White	120 Grit	08N-DED3001
Red	220 Grit	08N-DED3002
Blue	400 Grit	08N-DED3003
Pink	600 Grit	08N-DED3004
Peach	6 Micron	08N-DED3005
Lt Green	1 Micron	08N-DED3006



SUNBURST® RADIAL DISCS 6-PLY

Sold Individually. Mandrels sold separately. See mandrel table for options.

Color	Grit/Micron	2"	3"
Yellow	80 Grit	08N-DED7000	08N-DED9100
White	120 Grit	08N-DED7001	08N-DED9200
Red	220 Grit	08N-DED7002	08N-DED9300
Blue	400 Grit	08N-DED7003	08N-DED9400
Peach	6 Micron	08N-DED7004	08N-DED9500
Lt Green	1 Micron	08N-DED7005	08N-DED9600



MANDRELS

Sold Individually.

Mandrels	ORDER NO.	Sunburst Used With
1/8" x 1/16"	08S-MDR3005	5/8" & 7/8"
1/8" x 1/8"	08S-MDR3002	1"
1/4" x 1/16"	08S-MDR3003	5/8" & 7/8"
1/4" x 1/8"	08S-MDR3004	1"
1/4" x 1/4"	08S-MDR3006	2", 3", 3-Ply & 6-Ply
1/4" x 3/8"	08S-MDR3007	2" & 3" Single Ply



ADAPTERS

Use with 2", 3", 3-ply & 4-ply Radial Discs with 3/8" arbor.

Right Hand	08S-MDR3000
Left Hand	08S-MDR3001



WATERPROOF PAPER SILICON CARBIDE

50 sheets per package

GRIT	9" X 11" SHEET SIZE
150	08C-WPP1004
180	08C-WPP1005
240	08C-WPP1006
320	08C-WPP1008
400	08C-WPP1009
600	08C-WPP1011



WATERPROOF PAPER QUANTITY DISCOUNTS

5% 10 OF THE SAME
10% 25 OF THE SAME

COMPOUNDS



Falcon Tool Company offers a variety of polishing compounds including two unique brands of diamond compound in an unrivaled array of grades and concentrations which are made in house using the highest quality materials.

FALCON DIAMOND COMPOUND

Precise blend of natural and synthetic diamond particles results in faster cutting and superior finishing. The professional's choice!

ADAMAS DIAMOND COMPOUND

A great option for those looking for a quality diamond compound at a more economical price point. Offers excellent performance for general use applications.

CLOVER LAPPING COMPOUND

Grease based silicon carbide compound for cutting, smoothing and finishing of metal surfaces, and for the precision mating of metal parts.

SIMICHROME POLISH

Removes tarnish, dirt and oils, and generally renews polished metal surfaces while leaving a protective film which retards oxidation.

POLISHING LUBRICANT & THINNER

Doubles as both a stoning lubricant for polishing stones and a thinner for diamond compounds.



Falcon Diamond Compound is the ultimate polishing medium. Diamond is the hardest material by a large margin and therefore cuts all other materials with ease. Falcon Diamond Compound consists of extremely sharp, blocky diamond particles of uniform size suspended in a specially designed carrier. All of the features of the compound are optimum for achieving excellent finishes, rapidly, with minimum effort and cost.

All grades (except 1/2) are available in heavy (100% diamond concentration), standard (75% concentration) and medium light (50% concentration).

All Falcon Diamond Compounds are water and oil soluble and supplied in disposable 2 gram, 5 gram and 18 gram plastic applicators.

FALCON DIAMOND COMPOUND

GRADE NUMBER & CONCENTRATION	2 GRAM ORDER NO.	5 GRAM ORDER NO.	18 GRAM ORDER NO.	COLOR OF COMPOUND	MESH SIZE EQUIVALENT	MICRON RANGE	TYPE OF WORK
1/2 Standard	07A-CPD4000	07A-CPD1000	07A-CPD2000	Grey	60,000	0 - 1	Finest finish of metallographic and optical quality.
1 Med Light	07A-CPD4001	07A-CPD1001	07A-CPD2001	Blue	14,000	0 - 2	
1 Standard	07A-CPD4002	07A-CPD1002	07A-CPD2002	Blue	14,000	0 - 2	
1 Heavy	07A-CPD4003	07A-CPD1003	07A-CPD2003	Blue	14,000	0 - 2	
3 Med Light	07A-CPD4004	07A-CPD1004	07A-CPD2004	Green	8,000	1 - 5	Final finish on hardened steels and harder materials including carbides. Also beryllium copper.
3 Standard	07A-CPD4005	07A-CPD1005	07A-CPD2005	Green	8,000	1 - 5	
3 Heavy	07A-CPD4006	07A-CPD1006	07A-CPD2006	Green	8,000	1 - 5	
6 Med Light	07A-CPD4007	07A-CPD1007	07A-CPD2007	Yellow	3,000	4 - 8	
6 Standard	07A-CPD4008	07A-CPD1008	07A-CPD2008	Yellow	3,000	4 - 8	
6 Heavy	07A-CPD4009	07A-CPD1009	07A-CPD2009	Yellow	3,000	4 - 8	
9 Med Light	07A-CPD4010	07A-CPD1010	07A-CPD2010	Red	1,800	6 - 12	For one-step medium finish or intermediate in multiple-step finishing.
9 Standard	07A-CPD4011	07A-CPD1011	07A-CPD2011	Red	1,800	6 - 12	
9 Heavy	07A-CPD4012	07A-CPD1012	07A-CPD2012	Red	1,800	6 - 12	
15 Med Light	07A-CPD4013	07A-CPD1013	07A-CPD2013	Brown	1,200	8 - 22	
15 Standard	07A-CPD4014	07A-CPD1014	07A-CPD2014	Brown	1,200	8 - 22	
15 Heavy	07A-CPD4015	07A-CPD1015	07A-CPD2015	Brown	1,200	8 - 22	
30 Med Light	07A-CPD4016	07A-CPD1016	07A-CPD2016	Mahogany	600	20 - 40	Finish to dimension without final finish. Remove tool marks.
30 Standard	07A-CPD4017	07A-CPD1017	07A-CPD2017	Mahogany	600	20 - 40	
30 Heavy	07A-CPD4018	07A-CPD1018	07A-CPD2018	Mahogany	600	20 - 40	
45 Med Light	07A-CPD4019	07A-CPD1019	07A-CPD2019	Purple	325	30 - 60	
45 Standard	07A-CPD4020	07A-CPD1020	07A-CPD2020	Purple	325	30 - 60	
45 Heavy	07A-CPD4021	07A-CPD1021	07A-CPD2021	Purple	325	30 - 60	

QUANTITY DISCOUNTS

10% 4+ OF THE SAME

FILES
ABRASIVE STONES
CUTTING TOOLS
MOUNTED POINTS & WHEELS
DIAMOND TOOLS
ABRASIVES
COMPOUNDS
BRUSHES, WOOD STICKS & FELT
EQUIPMENT
VISION EQUIPMENT & MISC TOOLS



DIAMOND COMPOUND SETS

Falcon Diamond Compound sets are the perfect way to try a wide range of grades at a cost savings. All compounds are water and oil soluble.

Sets are available in either Medium Light, Standard or Heavy concentrations.

Each set contains:

- (1) 6 oz bottle of Polishing Lubricant & Diamond Thinner
- (5) 2 gram syringes: one of each of the following grades:

COLOR OF COMPOUND	MESH SIZE EQUIVALENT	MICRON RANGE	TYPE OF WORK
Green	8,000	1-5	Final finish on hardened steels and harder materials including carbides. Also beryllium & copper.
Yellow	3,000	4-8	
Red	1,800	6-12	For one-step medium finish or intermediate in multiple-step finishing.
Brown	1,200	8-22	
Mahogany	600	20-40	Finish to dimension without final finish. Remove tool marks.

Medium Light Concentration - 07A-CPD9000

Standard Concentration - 07A-CPD9100

Heavy Concentration - 07A-CPD9200

POLISHING LUBRICANT & DIAMOND THINNER THINS, COOLS, LUBRICATES

Falcon Tool Polishing Lubricant & Diamond Thinner was developed especially for use with our Diamond Compounds and Finishing Stones as it doubles as both a stoning lubricant for polishing stones and a thinner for diamond compounds. We've made subtle improvements to our original green formulation; the color is now blue and offers superior performance. It penetrates quickly, lubricates every particle for maximum cutting action, and helps flush away abraded material while reducing lapping time. For finishing stones, it is formulated to clean, lubricate and prevent stone loading.

- Water-based and water-soluble
- Nearly odor free
- Biodegradable
- Non-flammable
- Ideal for use on molds that will be coated

SIZE	ORDER NO.
6 oz.	07B-THN1000
1 Pint	07B-THN1001
1 Quart	07B-THN1002
1 Gallon	07B-THN1003





Adamas Diamond Compound offers an economical solution for general use and mold and die applications. It provides a consistent blend of synthetic diamond particles and a wide thermal processing range allowing it to be used under the most demanding conditions. Available in either oil-based or water-based formulations and 5gm and 18gm syringes.

- Medium Concentration: For light stock removal
- Heavy Concentration: For standard stock removal and finishing
- Extra Heavy Concentration: Higher concentration of diamond for faster stock removal
- Super Concentration: Most aggressive, made for the toughest jobs

ADAMAS DIAMOND COMPOUND

OIL BASED

Grade	Micron	Color	5 GRAM SYRINGE				18 GRAM SYRINGE			
			Medium	Heavy	Extra Heavy	Super	Medium	Heavy	Extra Heavy	Super
100	100-150	Black	330001	330002	330003	330004	330021	330022	330023	330024
170	80-100	Dark Gray	330041	330042	330043	330044	330061	330062	330063	330064
230	54-80	Purple	330081	330082	330083	330084	330101	330102	330103	330104
45	36-54	Brown	330161	330162	330163	330164	330181	330182	330183	330184
30	22-36	Dark Red	330241	330242	330243	330244	330221	330222	330223	330224
25	20-30	Black Cherry	—	—	—	—	—	330262	—	—
20	15-25	Light Blue	330281	330282	330283	330284	330301	330302	330303	330304
15	12-22	Dark Blue	330321	330322	330323	330324	330341	330342	330343	330344
9	8-12	Green	330401	330402	330403	330404	330421	330422	330423	330424
6	4-8	Orange	330481	330482	330483	330484	330501	330502	330503	330504
4	2-6	Pink	330521	330522	330523	330524	330541	330542	330543	330544
3	2-4	Yellow	330561	330562	330563	330564	330581	330582	330583	330584
2	1-3	Lavender	330601	330602	330603	330604	330621	330622	330623	330624
1	0-2	Ivory	330641	330642	330643	330644	330661	330662	330663	330664
1/2	0-1	Light Gray	330681	330682	330683	330684	330701	330702	330703	330704
1/4	0-1/2	Gray	330721	330722	330723	330724	330741	330742	330743	330744
1/10	0-1/4	White	330761	330762	330763	330764	330781	330782	330783	330784

ADAMAS DIAMOND COMPOUND WATER BASED

Grade	Micron	Color	5 GRAM SYRINGE				18 GRAM SYRINGE			
			Medium	Heavy	Extra Heavy	Super	Medium	Heavy	Extra Heavy	Super
100	100-150	Black	330011	330012	330013	330014	330031	330032	330033	330034
170	80-100	Dark Gray	330051	330052	330053	330054	330071	330072	330073	330074
230	54-80	Purple	330091	330092	330093	330094	330111	330112	330113	330114
45	36-54	Brown	330171	330172	330173	330174	330191	330192	330193	330194
30	22-36	Dark Red	330251	330252	330253	330254	330231	330232	330233	330234
20	15-25	Light Blue	330291	330292	330293	330294	330311	330312	330313	330314
15	12-22	Dark Blue	330331	330332	330333	330334	330351	330352	330353	330354
9	8-12	Green	330411	330412	330413	330414	330431	330432	330433	330434
6	4-8	Orange	330491	330492	330493	330494	330511	330512	330513	330514
4	2-6	Pink	330531	330532	330533	330534	330551	330552	330553	330554
3	2-4	Yellow	330571	330572	330573	330574	330591	330592	330593	330594
2	1-3	Lavender	330611	330612	330613	330614	330631	330632	330633	330634
1	0-2	Ivory	330651	330652	330653	330654	330671	330672	330673	330674
1/2	0-1	Light Gray	330691	330692	330693	330694	330711	330712	330713	330714
1/4	0-1/2	Gray	330731	330732	330733	330734	330751	330752	330753	330754
1/10	0-1/4	White	330771	330772	330773	330774	330791	330792	330793	330794

CLOVER LAPPING COMPOUND

1 lb. Can (Silicon Carbide Abrasive)

Grease based silicon carbide compound for cutting, smoothing and finishing of metal surfaces, and for the precision mating of metal parts.



GRADE	ORDER NO.	GRIT
G	08E-PBC1001	80
F	08E-PBC1002	100
E	08E-PBC1003	120
D	08E-PBC1005	180
C	08E-PBC1006	220
B	08E-PBC1007	240
A	08E-PBC1008	280
1A	08E-PBC1009	320
2A	08E-PBC1010	400
3A	08E-PBC1011	500
4A	08E-PBC1012	600
5A	08E-PBC1013	800
6A	08E-PBC1014	1000

SIMICHROME POLISH

Removes tarnish, dirt and oils, and generally renews polished metal surfaces while leaving a protective film which retards oxidation. Simichrome works well on brass, bronze, chromium, and aluminum and is recommended for use after diamond compound. It can be rubbed on and removed with a soft cloth; or it can be used with a clean felt bob. Available in 50gm tubes and 250gm tins.



BRUSHES, WOOD STICKS & FELT



Falcon Tool Company offers a wide variety of polishing accessories including mandrel mounted Miniature Brushes, Wood Sticks, and various shapes, sizes and densities of Felt. All of these accessory items are commonly used with diamond and other compounds.

MINIATURE BRUSHES

Wide variety of mandrel mounted miniature End Brushes, Cup Brushes and Wheel Brushes.

WOOD STICKS

Soft and very soft Wood Sticks made of select white birch and balsa.

FELT

Select from a wide offering of mandrel mounted felt bobs, felt sheets, felt sticks and more.

FILES

ABRASIVE
STONES

CUTTING
TOOLS

MOUNTED POINTS
& WHEELS

DIAMOND
TOOLS

ABRASIVES

COMPOUNDS

**BRUSHES, WOOD
STICKS & FELT**

EQUIPMENT

VISION EQUIPMENT
& MISC TOOLS

END BRUSHES

Falcon Tool offers a wide variety of mandrel mounted Miniature End Brushes, Cup Brushes and Wheel Brushes that are of the most durable in the industry. Brush filaments are securely embedded in a steel ring construction offering the highest quality through consistent distribution. Our Miniature Brushes are great for use with diamond and other compounds. Use with one of our Air or Electric Grinders (pages 137).



SHANK		1/8	1/8	1/8	1/8	1/8	1/8
BRISTLE DIAMETER		3/16	3/16	3/16	3/16	1/4	5/16
BRISTLE LENGTH		1/4	3/8	1/2	5/8	3/8	9/16
Stiff Horsehair	Style No.	SH-2	SH-3	—	—	SH-7	SH-8
	Order No.	08W-BRU1000	08W-BRU1001	—	—	08W-BRU1002	08W-BRU1003
Stiff Horsehair	Style No.	SAP-2	SAP-3	—	—	SAP-7	SAP-8
Plastic Ferrule	Order No.	08W-BRU1100	08W-BRU1101	—	—	08W-BRU1102	08W-BRU1103
Soft Goat Hair	Style No.	SG-2	—	—	—	—	—
	Order No.	08W-BRU1200	—	—	—	—	—
Soft Goat Hair	Style No.	SGP-2	SGP-3	—	—	SGP-7	SGP-8
Plastic Ferrule	Order No.	08W-BRU1300	08W-BRU1301	—	—	08W-BRU1302	08W-BRU1303
Brass Wire	Style No.	BW-2B	—	—	—	—	—
	Order No.	08W-BRU1400	—	—	—	—	—
Brass Wire	Style No.	—	—	—	—	BW-7C	BW-8C
.005	Order No.	—	—	—	—	08W-BRU1500	08W-BRU1501
Steel Wire	Style No.	SW-2D	SW-3D	SW-4D	SW-5D	SW-7D	SW-8D
	Order No.	08W-BRU1600	08W-BRU1601	08W-BRU1602	08W-BRU1603	08W-BRU1604	08W-BRU1605

QUANTITY DISCOUNTS

20%
144+ OF THE SAME

CUP AND WHEEL BRUSHES

Max Safe Speed For All Miniature Brushes is 25,000 RPM



SHANK		1/8	1/8	1/8	1/8	1/8
BRISTLE DIAMETER		9/16	1	5/8	3/4	1
SHAPE		CUP	CUP	WHEEL	WHEEL	WHEEL
Stiff Horsehair	Style No.	HC-2	HC-3	—	HC-5	—
	Order No.	08W-BRU2000	08W-BRU2001	—	08W-BRU3000	—
Soft Goat Hair	Style No.	GC-2	—	GC-4	GC-5	GC-6
	Order No.	08W-BRU2100	—	08W-BRU3100	08W-BRU3101	08W-BRU3102
Brass Wire	Style No.	BW-2	—	—	BW-5	—
	.003 Order No.	08W-BRU2200	—	—	08W-BRU3200	—
Brass Wire	Style No.	BW-2A	—	—	—	BW-6A
	.005 Order No.	08W-BRU2300	—	—	—	08W-BRU3300
Steel Wire	Style No.	SW-2	—	—	SW-5	SW-6
	.003 Order No.	08W-BRU2400	—	—	08W-BRU3400	08W-BRU3401
Steel Wire	Style No.	SW-2A	—	—	SW-5A	SW-6A
	.005 Order No.	08W-BRU2500	—	—	08W-BRU3500	08W-BRU3501

QUANTITY DISCOUNTS

10%
144+ OF THE SAME

WOOD STICKS

Wood Sticks are made of select white birch (soft) or balsa (very soft) and are used for lapping and finishing by hand or with reciprocating and rotary tools. Softer wood creates a higher surface finish while the harder sticks cut fast and hold shape longer. Use soft wood sticks for intermediate to final finishing and very soft wood sticks for final finishing with diamond and other compounds.

TYPE	SIZE	STICKS PER PACK	ORDER NO.
Very Soft	1/4 x 1/4 x 6	5	07N-WST1000
Soft	1/8 x 6 Round	25	07N-WST1001
Soft	1/4 x 6 Round	25	07N-WST1002
Soft	3/16 x 3/16 Bevel	5	07N-WST1003
Soft	1/8 x 1/4 Bevel	5	07N-WST1004
Soft	1/4 x 1/4 Bevel	5	07N-WST1005
Set	Includes 2 sticks of each type and size	12	07N-WST9000





FELT SHEETS

Falcon Tool's felt sheets are 12" x 12" and are available in 3 densities: soft, medium and hard.

THICK (INCHES)	SOFT	MEDIUM	HARD
	ORDER NO.	ORDER NO.	ORDER NO.
1/4	08U-FLT1000	08U-FLT1001	08U-FLT1002
3/8	08U-FLT1003	08U-FLT1004	08U-FLT1005
1/2	08U-FLT1006	08U-FLT1007	08U-FLT1008
3/4	08U-FLT1009	08U-FLT1010	08U-FLT1011
1	08U-FLT1012	08U-FLT1013	08U-FLT1014
1-1/2	08U-FLT1015	08U-FLT1016	08U-FLT1017
2	08U-FLT1018	08U-FLT1019	08U-FLT1020

Sheets are sold individually.



KNIFE EDGE FELT WHEELS

Falcon Tool's knife edge felt wheels have tapered edges for polishing corners, crevices and joints. They have a pinhole center for use with mandrels, mandrels not included. See pages 115 -116 for mandrels options.

STYLE NO.	ORDER NO.	DIAMETER (INCHES)
KE-2	08U-FLT3002	5/8
KE-3	08U-FLT3003	3/4
KE-4	08U-FLT3004	1
KE-5	08U-FLT3005	1-1/2
KE-6	08U-FLT3006	2
KE-7	08U-FLT3007	2-1/2
KE-8	08U-FLT3008	3

Sold in packages of 12 pieces.

**KNIFE EDGE FELT
QUANTITY DISCOUNT**

10%

144+ OF THE SAME

FELT STICKS

Falcon Tool's felt sticks are 6" long and are available in medium and hard densities.

STYLE NO.	SIZE (INCHES)	MEDIUM	HARD
		ORDER NO.	ORDER NO.
FS-1	1/4 square	08U-FLT4012	08U-FLT4013
FS-2	3/8 square	08U-FLT4022	08U-FLT4023
FS-3	1/2 square	08U-FLT4032	08U-FLT4033



Sold in packages of 12 pieces

MUSLIN BUFFS

Soft textured buffs perfect for use with polishing compounds.

APPROXIMATE THICKNESS:

16 ply = 5/32"	42 ply = 7/16"	55 ply = 9/16"
30 ply = 5/16"	45 ply = 7/16"	60 ply = 5/8"
35 ply = 3/8"	50 ply = 1/2"	70 ply = 3/4"

MBF-1 - MBF-5 - Sold in packages of 12 pieces

MBF-6 - MBF-10 - Sold individually

MBR-1 - MBR-8 - Sold in packages of 12 pieces

MCB-1, MT-1, MG-1 - MG-5 - Sold individually



FINE MUSLIN BUFFS

STYLE NO.	ORDER NO.	DIAMETER (INCHES)	PLY	SEWING
MBF-1	08R-MBF1001	7/8	16	1
MBF-2	08R-MBF1002	1	16	1
MBF-3	08R-MBF1003	1-1/4	16	3
MBF-4	08R-MBF1004	1-1/2	16	3
MBF-5	08R-MBF1005	2	16	4
MBF-6	08R-MBF1006	4	50	4
MBF-8	08R-MBF1008	6	60	6
MBF-10	08R-MBF1010	8	70	7

REGULAR MUSLIN BUFFS

STYLE NO.	ORDER NO.	DIAMETER (INCHES)	PLY	SEWING
MBR-1	08R-MBF2001	2	30	2
MBR-2	08R-MBF2002	2-1/2	30	2
MBR-3	08R-MBF2003	3	35	3
MBR-4	08R-MBF2004	4	42	3
MBR-5	08R-MBF2005	5	45	3
MBR-6	08R-MBF2006	6	50	4
MBR-8	08R-MBF2008	8	55	4

MUSLIN CYLINDER BUFFS



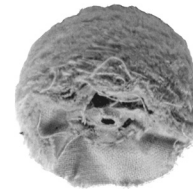
STYLE NO.	ORDER NO.	SIZE (INCHES)
MCB-1	08R-MBF3001	2 x 2

MUSLIN TAPER BUFFS

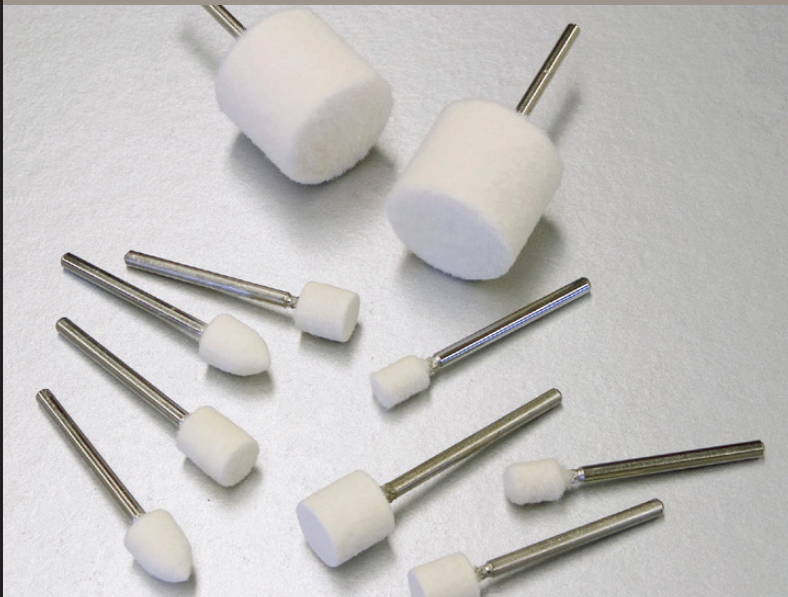


STYLE NO.	ORDER NO.	DIAMETER (INCHES)
MT-1	08R-MBF4001	2

MUSLIN GOBLET BUFFS



STYLE NO.	ORDER NO.	DIAMETER (INCHES)
MG-1	08R-MBF5001	2
MG-2	08R-MBF5002	2-1/2
MG-3	08R-MBF5003	3
MG-5	08R-MBF5005	4



Falcon Tool's Mandrel Mounted Felt Bobs are made in the USA and are of the highest quality. They are made from the finest wool and materials and may be used with polishing compounds to produce a high surface finish. Available in a variety of shapes, sizes, densities, and shanks.

Sold in packages of 12 pieces.

MANDREL MOUNTED FELT BOBS - CYLINDERS

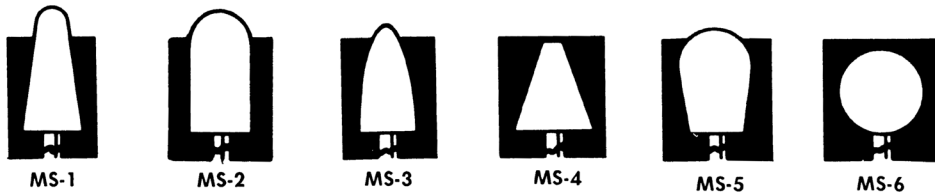
STYLE NO.	DIAMETER (INCHES)	LENGTH (INCHES)	SHANK (INCHES)	SOFT	MEDIUM	HARD	ROCK HARD
				ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.
MF-1	1/4	1/4	1/8	08V-MFB1011	08V-MFB1012	08V-MFB1013	08V-MFB1014
MF-2	1/4	3/8	1/8	08V-MFB1021	08V-MFB1022	08V-MFB1023	08V-MFB1024
MF-3	3/8	3/8	1/8	08V-MFB1031	08V-MFB1032	08V-MFB1033	08V-MFB1034
MF-4	3/8	1/2	1/8	08V-MFB1041	08V-MFB1042	08V-MFB1043	08V-MFB1044
MF-5	1/2	1/2	1/8	08V-MFB1051	08V-MFB1052	08V-MFB1053	08V-MFB1054
MF-6	1/2	3/4	1/8	08V-MFB1061	08V-MFB1062	08V-MFB1063	08V-MFB1064
MF-7	1/2	1	1/8	08V-MFB1071	08V-MFB1072	08V-MFB1073	08V-MFB1074
MF-8	3/4	3/4	1/8	08V-MFB1081	08V-MFB1082	08V-MFB1083	08V-MFB1084
MF-9	3/4	1	1/8	08V-MFB1091	08V-MFB1092	08V-MFB1093	08V-MFB1094
MF-10	3/4	1-1/2	1/4	08V-MFB1101	08V-MFB1102	08V-MFB1103	08V-MFB1104
MF-11	1	1	1/8	08V-MFB1111	08V-MFB1112	08V-MFB1113	08V-MFB1114
MF-11	1	1	1/4	08V-MFB1115	08V-MFB1116	08V-MFB1117	08V-MFB1118
MF-12	1	1-1/4	1/4	08V-MFB1121	08V-MFB1122	08V-MFB1123	08V-MFB1124
MF-13	1	1-1/2	1/4	08V-MFB1131	08V-MFB1132	08V-MFB1133	—
MF-14	1	2	1/4	08V-MFB1141	08V-MFB1142	08V-MFB1143	—
MF-15	1-1/4	1	1/4	08V-MFB1151	08V-MFB1152	08V-MFB1153	08V-MFB1154
MF-16	1-1/4	1-1/4	1/4	08V-MFB1161	08V-MFB1162	08V-MFB1163	08V-MFB1164
MF-17	1-1/2	1	1/4	08V-MFB1171	08V-MFB1172	08V-MFB1173	08V-MFB1174
MF-18	1-1/2	1-1/2	1/4	08V-MFB1181	08V-MFB1182	08V-MFB1183	08V-MFB1184

QUANTITY DISCOUNTS

5%
96+ OF THE SAME

MANDREL MOUNTED FELT BOBS - ALL SHAPES

1/8" & 1/4" Shank



STYLE NO.	DIAMETER (INCHES)	LENGTH (INCHES)	SHANK (INCHES)	SOFT	MEDIUM	HARD	ROCK HARD
				ORDER NO.	ORDER NO.	ORDER NO.	ORDER NO.
MS-1A	1/2	1	1/8	08V-MFB2000	08V-MFB2001	08V-MFB2002	08V-MFB2003
MS-1B	3/4	1-1/2	1/4	08V-MFB2004	08V-MFB2005	08V-MFB2006	08V-MFB2007
MS-1C	1	2	1/4	08V-MFB2008	08V-MFB2009	08V-MFB2010	08V-MFB2011
MS-2A	1/4	1/2	1/8	08V-MFB2012	08V-MFB2013	—	—
MS-2D	3/8	3/4	1/8	—	08V-MFB2021	—	08V-MFB2023
MS-2E	1/2	1	1/8	—	08V-MFB2025	—	08V-MFB2027
MS-2F	1	2	1/4	08V-MFB2028	—	—	—
MS-3A	1/2	1	1/8	08V-MFB2032	08V-MFB2033	08V-MFB2034	08V-MFB2035
MS-3B	3/4	1-1/2	1/4	08V-MFB2036	08V-MFB2037	08V-MFB2038	08V-MFB2039
MS-3C	1	2	1/4	08V-MFB2040	08V-MFB2041	08V-MFB2042	08V-MFB2043
MS-3D	1/4	1/2	1/8	—	08V-MFB2045	08V-MFB2046	08V-MFB2047
MS-3E	3/8	3/4	1/8	08V-MFB2048	08V-MFB2049	08V-MFB2050	08V-MFB2051
MS-4A	1/2	3/4	1/8	08V-MFB2052	08V-MFB2053	08V-MFB2054	08V-MFB2055
MS-4B	3/4	1	1/4	08V-MFB2056	08V-MFB2057	08V-MFB2058	08V-MFB2059
MS-4C	1	1-1/4	1/4	08V-MFB2060	08V-MFB2061	08V-MFB2062	08V-MFB2063
MS-5A	1/2	3/4	1/8	08V-MFB2064	08V-MFB2065	08V-MFB2066	08V-MFB2067
MS-5B	3/4	1	1/4	08V-MFB2068	08V-MFB2069	08V-MFB2070	08V-MFB2071
MS-5C	1	1-1/4	1/4	08V-MFB2072	08V-MFB2073	08V-MFB2074	08V-MFB2075
MS-6A	1/2	1/2	1/8	08V-MFB2076	08V-MFB2077	08V-MFB2078	08V-MFB2079
MS-6B	3/4	3/4	1/4	08V-MFB2080	08V-MFB2081	08V-MFB2082	08V-MFB2083
MS-6C	1	1	1/4	08V-MFB2084	08V-MFB2085	08V-MFB2086	08V-MFB2087

QUANTITY DISCOUNTS

5%
96+ OF THE SAME

MOUNTED SQUARE FELTS

1/8" Shank

STYLE NO.	SIZE	MEDIUM ORDER NO.	HARD ORDER NO.	ROCK HARD ORDER NO.
SF-1	1/4 x 1/4 x 1-1/2	08U-FLT5012	08U-FLT5013	08U-FLT5014

**FELT TOUCH-UP PADS**

1" x 3" x 1/8" Thick.

HARDNESS	ORDER NO.
Medium	08U-FLT4100
Soft	08U-FLT4102

FELT BOB ASSORTMENT SETS

An assortment of Felt Bobs, available at a price considerably below that of individual bobs if purchased separately.

**K-1 Bob Kit**

64 Assorted felts and 1 mandrel.

ORDER NO. 08V-MFB9001**K-2 Bob Kit**

64 Assorted felts and 1 mandrel and 4 compound sticks.

ORDER NO. 08V-MFB9002

EQUIPMENT



Falcon Tool Company offers an extensive line of polishing, deburring and grinding equipment to meet the demands of nearly any application. Brands like Freedom, Dotco, Diprofil, Dumore and NSK bring the quality, durability, dependability and versatility our customers have come to expect.

AIR PROFILERS

The perfect tools for polishing fine detail areas. Reciprocating profilers available in varying stroke lengths and RPMs. Offer excellent performance with finishing stones & detail stones.

AIR GRINDERS

Excellent tools for many applications including polishing & precision grinding. Available in a variety of different models including straight pencil type & angle grinders.

DIPROFIL® DI-PROFILERS

Powerful machines of the highest quality for filing, lapping, honing, & polishing applications. The preferred choice for tool and mold makers worldwide for more than 60 years.

DOTCO

No tools are better suited for fine finishing applications such as die grinding & deburring. Small, lightweight & comfortable to use tools that offer durability, dependability & versatility.

DUMORE

Ideal hand grinders for rotary filing, deburring, cleaning & polishing applications. Powered by an advance design Dumore motor that is efficient, conserves power & runs cooler.

FOREDOM

Freedom offers the best selection of quality rotary tools & accessories. From flex shaft tools to micromotors, handpieces & other attachments, Freedom offers the right tool to accomplish the job.

NSK

The latest technology in high speed precision hand tools. Both electric & pneumatic ultra-precision grinders available.

ULTRASONIC

Ideal for precision polishing & deburring. Powerful, high-performance tools specially designed for efficient use of detail stones including Ceramic Super Stones & Cristones®.

Air Profilers are the perfect tools for a wide variety of fine detail polishing, filing, lapping, and honing applications. Available in two unique models, Turbo-Laps and U-LAPs, these air operated reciprocating profilers provide excellent performance with Falcon Finishing Stones, Ceramic Super Stones, Cristones®, Ceramic Diamond Stones, CNB, and Diamond Files.

Turbo-Lap Profilers should be used at 80 psi or a maximum of 85 psi with clean, dry air. Lubrication is not needed.

U-LAPs require a connection to an air filter, regulator, lubricator such as Falcon's 3-in-1 Filter, Regulator, Lubricator system (page 136). Adjust the air pressure to a maximum of 85 psi for proper use.

Use with light pressure. Both models can be easily maintained and rebuilt, see air profiler repair parts on page 136.

A variety of stone holders are available for use with our air profilers, see page 45.



AIR PROFILERS

TURBO-LAP UNITS

Must be used at a maximum of 85 psi. Use with filtered dry air. No lubrication.

ORDER NO.	MODEL	STROKE	RPM	MOVEMENT
09T-LAP0003	TLL-03	0.3mm	52,000	Linear
09T-LAP0007	TLL-07	0.7 - 0.027mm	28,000	Linear
09T-LAP0012	TLS-12	1.5mm	14,000	Swing - 3mm left to right and 1.2mm linear. 12,000 strokes per minute.



U-LAP UNITS

Must be used at a maximum of 85 psi. Requires an air filter/lubricator similar to Falcon order # 09L-DOP1258 on page 136.

ORDER NO.	MODEL	STROKE	RPM
09U-LAP0030	U-LAP 30	0.3mm	30,000
09U-LAP0070	U-LAP 70	0.7mm	28,000
09U-LAP0120	U-LAP 120	1.2mm	25,000
09U-LAP0300	U-LAP 300	3.0mm	10,000



AIR FILTER, REGULATOR, LUBRICATOR

3-in-1 Filter, Regulator, Lubricator · Compact Design · Made in USA

Falcon Tool's 3-in-1 Air Filter, Regulator, Lubricator trio is completely assembled and ready to install. The unit is compact and designed to provide lasting service and superior performance. The pressure gauge offers 0-160 psi. Made in USA!

Specifications:

Length: 6"
Width: 5-1/2"
Height: 3-1/4"
Pipe Size: 1/4"
Lubricator Capacity: 7.1 oz
Maximum CFM: 30

Order No. 09L-DOP1258



AIR PROFILER REPAIR PARTS

Stocked Repair Parts for Turbo-Lap and U-LAP Air Profilers

Falcon Tool keeps the most popular repair parts for our Turbo-Lap and U-LAP Air Profilers in stock and ready for immediate shipment when you need them. For full parts lists and repair manuals, visit our website FalconTool.com or contact Customer Service at customerservice@falcontool.com or 800.321.8512 for assistance.



ORDER NO.	DESCRIPTION
09P-LAP0002	SET SCREWS (2PK) U-LAP 30/70
09P-LAP0005	O-RING U-LAP 30/70-3A
09P-LAP0067	FIXED BALL & BUSHING U-LAP 30/70
09P-LAP0009	SLIDING BUSHING U-LAP 30/70
09P-LAP0014	MAINSHAFT U-LAP 30/70
09P-LAP0016	BEARING U-LAP 30/70-9
09P-LAP0070	PLASTIC CRANK SET U-LAP 30/70
09P-LAP0024	O-RING U-LAP 30/70 - 16
09P-LAP0026	BEARING U-LAP30/70-18
09P-LAP0032	SWITCH BODY U-LAP30/70
09P-LAP0037	AIR HOSE SET U-LAP 30/70 H-A
09P-LAP0062	3.2MM SLOT HOLDER U-LAP 30/70
09P-LAP0063	1 MM SLOT HOLDER U-LAP 30/70
09P-LAP0022	BEARING U-LAP - 70 -14
09P-LAP0044	BUSHING U-LAP-300/120
09P-LAP0045	O - RING U-LAP-300/120
09P-LAP0050	MAIN SHAFT SET U-LAP-300/120
09P-TLL0006	BEARING CASE ASSY /TLL-07
09P-TLL0025	HEX SCREW M3 X L10 (10PK) TLL-07
09P-LAP0064	3MM ADJUSTABLE HOLDER
09P-TLL0001	SUPER COLLET
09P-TLL0007	CONNECT ROD FOR LINEAR
09P-TLL0010	S 5 O-RING
09P-TLL0014	O-RING-S
09P-TLL0016	B-GRIP
09P-TLL0018	AIRHOSE 1.5 M & BAND
09P-TLL0020	HEX WRENCH
09P-TLL0023	END CAP FOR 07 (RED)



Falcon Tool offers a wide variety of Air Grinders including straight pencil type grinders, 90° angle grinders, 120° angle grinders and more! They are excellent, cost effective tools that are perfect for a variety of applications including precision grinding, polishing and finishing. These tools provide low noise, low vibration and excellent performance with the following Falcon Tool products:

- Mounted Points
- Carbide Burs
- MX Finishing Wheels
- Miniature Brushes
- Mandrel Mounted Felts
- Variety of Coated Abrasives

AIR GRINDERS

AIR GRINDERS



MODEL	DESCRIPTION	RPM	ORDER NO.
MSG-32BSN	Straight pencil type with 1/8" collet	65,000	09M-MSG0032



MSG-3BSN	Straight pencil type with 3mm collet	65,000	09M-MSG0003
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MAG-121N1/8	120° angle air grinder with 1/8" collet	52,500	09M-MAG0121
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MAG-122N	120° angle air grinder	35,000	09M-MAG0122
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MAG-123N	120° angle air grinder	23,500	09M-MAG0123
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MAG-093N	90° angle air grinder	23,500	09M-MAG0093
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PENCIL DIE GRINDER

Precision Deburring and Finishing • Slim Design • Mold & Die Grinder

The SPM80R-IMP Pencil Die Grinder is a high speed, powerful die grinder perfect for precision deburring and finishing. Can be used with our carbide burs or mounted points. Features include:

- Slim body design for intricate work
- Small diameter designed to facilitate precise control
- Range of speed options
- Removable collet guard
- Improved throttle design resulting in enhanced torque



Order No. 09M-PDG1100

Speed (rpm)	80,000
Power (hp)	0.10
Power (watt)	80
Weight (kg)	0.17
Weight (oz)	6
Air Consumption (m3/min)	0.20
Air Consumption (cfm)	7.00
Noise Level (db.(A))	66
Standard Collet (inches)	1/8
Standard Collet (mm)	3
Exhaust Type	Rear
Lever Type	Roll



For more than 65 years, Diprofil® Di-Profiling Machines have been the preferred choice for tool and mold makers worldwide. Their wide variety of handheld reciprocating polishing and filing machines are manufactured to the highest possible quality standards with ergonomics and the operator's well-being in mind. The Classic machine, with its rigid and ergonomic design, facilitates any filing, lapping, honing or polishing application. With their reciprocating (back and forth) movement, the Classic machines are an excellent alternative and complement to rotary handpieces.

The most popular Di-Profiler among Falcon Tool customers is the Classic FPH/R which is driven by an electrical motor with speed control and a flexible shaft with a ball-joint, square-hole connection. Other models and connections are available by request. Contact us for more information on Diprofil's full line of reciprocating polishing machines.

DIPROFIL® DI-PROFILERS

FPH/R DI-PROFILER

Diprofil® Di-Profiling Machine · Heavy Duty Profiler · Flexible Shaft Driven

The Classic FPH/R is a world-wide best seller and the most popular Diprofil® Di-Profiling Machine among Falcon Tool customers. This reciprocating tool is used for light and/or heavy-duty filing, honing, deburring, lapping, polishing, reworking hardened materials, finishing complicated dies and molds, and other similar jobs. It is driven by an electrical motor with speed control and flexible shaft with a ball-joint, square-hole connection. Corresponding motors of other brands may be used - Falcon recommends Foredom Flexible Shaft Motors.



ORDER NO: 09G-DPF2000

INCLUDES

Technical Data

- Maximum Speed: 8,000 strokes per minute
- Recommended Speed: 5,000 - 6,000 strokes per minute
- Stroke Length: Adjustable 0 - 6mm
- Recommended Stroke Length: 0.5 - 3mm
- Holds up to 1/4" Shank Tools

Features:

- Made in Sweden since 1950
- Very simple handling/operation, improved ergonomic
- Adjustable stroke length 0" – 1/4"
- Completely versatile, parts are easily interchangeable

- FPH/R Di-Profiler
- (1) Bottle of Lubricating Oil (FNA-K)
- (1) 3mm Allen Key
- (1) 2.5mm Allen Key
- (1) FXA-104 Tool Holder Extension Pipe
- (2) FXA-106 Spare Lubricating Felts
- (2) FXA-103 Spare Guide Bushings
- (2) 42055 Spare Tool Locking Screws
- (1) SGX-100 Maintenance Tool
- (1) SGX-101 Maintenance Tool

Spare parts are available. Visit our website FalconTool.com or contact us for a parts list.

FPH/R DI-PROFILER COMPLETE SET

Everything you need to run your FPH/R Di-Profiler.

Includes the following:

- FPH/R Heavy Duty Di-Profiler
- Foredom SR Motor
- FCT-1 Foot Control
- #93S Square Drive Inner Cable
- #77 Outer Sheath

Sets may be assembled with other motors and controls if preferred. Visit our website FalconTool.com or contact Falcon Tool Customer Service for more information and for a list repair parts.

Order No. 09G-DPF2001





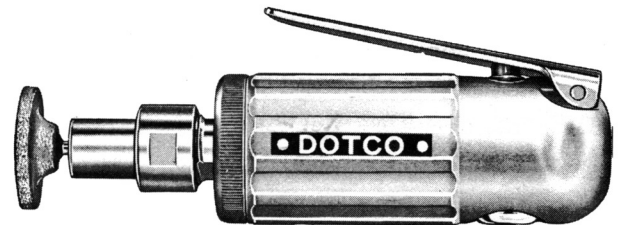
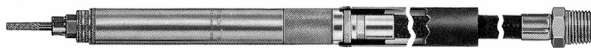
When it comes to fine finishing applications such as die grinding or deburring, no tools are better suited for the job than Dotco Grinders. Dotco's reputation for durability, dependability and versatility is among the highest for fine finishing applications. This is the result of years of continuous improvements in engineering design and manufacturing processes.

Dotco Grinders are designed with the operator in mind. They are small, lightweight and comfortable to use, without sacrificing durability. Plus, they incorporate elastomer coatings, and perfectly balanced moving parts to keep vibration to a minimum. This optimal combination of tool characteristics allows the operator to focus doing the best job possible, in the least amount of time.

A wide variety of models are available by request. Options include front and rear exhaust, dial throttles, lock-off levers, aluminum and composite housing, and more. Choose from models designed for the demanding activities of die and mold work, as well as those designed for portability and ease-of-use in confined areas. Contact us for more information on Dotco's full line of grinders and to help you find the right tool for your application.

DOTCO GRINDERS

INLINE GRINDERS Dotco Inline Grinders are manufactured for precise material removal work and high-volume removal work. They use only the finest materials, and the designs include efficient and compact motors.



DOTCO NO.	SERIES	ORDER NO.	COLLET SIZE	FREE SPEED (RPM)	WEIGHT	LENGTH	AIR INLET SIZE
10R0400A-18 w/ Collet Guard	10-04	09K-DOG1041	1/8"	60,000	0.2 lb	5.8"	1/8"
10R0401A-18 w/ Collet Guard	10-04	09K-DOG1042	1/8"	60,000	0.2 lb	5.8"	1/8"
10L1000A-36	10-10	09K-DOG1018	1/4"	30,000	0.7 lb	4.6"	1/4"

Standard Equipment Included with 10-4 Series Grinder

Also available for purchase separately

DOTCO NO.	DESCRIPTION	ORDER NO.
100	1/8" Collet	09L-DOP1000
45-6013	Complete Hose Assembly	09L-DOP1270
45-0948	5' Air Hose	09L-DOP1226
45-6003	1' Over Hose with Spring	09L-DOP1260
6061	Over Hose Spring Only	09L-DOP1146
14-0803	3/16" Collet Wrench	09L-DOP1172
14-0822	11/32" Spindle Wrench	09L-DOP1178
1830	Collet Guard (10R0401)	09L-DOP1112

Optional collet available for purchase separately

102	3/32" Collet	09L-DOP1001
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Standard Equipment Included with 10-10 Series Grinder

Also available for purchase separately

DOTCO NO.	DESCRIPTION	ORDER NO.
14-0807	7/16" Wrench	09L-DOP1175
14-0811	11/16" Wrench	09L-DOP1247



Erickson Series 300 Collets

STYLE NO.	ORDER NO.	SIZE
303	09L-DOP1017	3/32"
304	09L-DOP1018	1/8"
305	09L-DOP1019	5/32"
306	09L-DOP1020	3/16"
307	09L-DOP1021	7/32"
308	09L-DOP1022	1/4"

Spare parts are available. Visit our website FalconTool.com or contact us for a parts list.

DUMORE HAND GRINDERS

Series 10 Deluxe Hand Grinder Kit

Since 1913, Dumore has been designing and manufacturing highly accurate and reliable grinding tools for tool room and production needs. The Dumore Series 10 Hand Grinder is proudly made in the USA and is the industry's most popular grinder for precision tool and die work as well as all-around use. The advanced design Dumore motor is more efficient, conserves power and runs cooler, with two sealed grease lubricated ball bearings. Precision chucks allow fast changeover and minimize run-out and a rear mounted "on-off" switch provides additional operator safety.

This deluxe kit includes everything necessary for precision tool and die work all in a handy, heavy duty carrying case:

- Series 10 Hand Grinder
- 1/8" & 1/4" Collet Chucks
- (8) Mounted Wheels for Grinding and Deburring
- Cut Off Wheel Assembly
- Dressing Stone
- Wrenches
- 8' Cord
- Carrying Case

Specifications:

- 1/10 HP universal motor
- 22,000 RPM grinder
- 1" max diameter wheel capacity
- 115V AC/DC
- 10" Length
- 3 lbs.

Contains both 1/4" and 1/8" precision chucks, 8 mounted wheels for grinding and deburring, dressing stone, 1" diameter cut-off wheel with arbor, wrenches, carrying case.

Order No. 09I-DUG1100





Foredom is the leading manufacturer of flexible shaft rotary power tools in the world setting the standard for quality, power, and performance. Foredom flexible shaft machines are built to industrial standards and are used for many jobs including grinding, deburring, carving, engraving, and polishing on virtually any material. These tools are known to last for decades! Machine shop operators, engineers, designers, and manufacturers choose Foredom.

A complete Foredom flexible shaft machine has a motor that rotates a flexible shaft connected to a precision handpiece, plus – it needs a speed control adjustable by foot or hand. Choose between the SR, LX and TX Series Motors based on your application. All Foredom motor and speed control combinations come with a 2 year limited warranty.

Not sure which series is right for you? Contact us for more information on Foredom's full line of flexible shaft machines, handpieces and accessories.

FOREDOM FLEXIBLE SHAFT MOTORS

FOREDOM FLEXIBLE SHAFT MACHINE • SR

1/6 HP SERIES SR MOTOR

The Foredom Series SR has all the features most people need and want in a flexible shaft motor - it's your best choice for most of the work a flex shaft can do.

Powerful: The 1/6 HP, ball bearing Series SR motor runs up to 18,000 RPM with the power needed to accomplish most jobs on nearly any material – without stalling or slowing down while under normal load.

Reversible: For symmetry, left-handed users and maximizing longevity and usefulness of many rotary accessories. Not all rotary tools can run in reverse.

Durable: Foredom motors and speed controls have a 2-year limited warranty and can last for decades.



MOTORS

ORDER NO.

SR Hang-Up Motor Set (includes standard shaft and sheath; speed control of choice, purchased separately)	09E-FRM3310
SR Hang-Up Motor (motor only)	09E-FRM3301
SR Bench Motor (motor only)	09E-FRM3302
SR Bench Model w/ Built-In Speed Control Set (includes motor, stand, sheath and cable)	09E-FRM3303
SR Bench Model Set (includes motor, stand, sheath and cable; speed control of choice, purchased separately)	09E-FRM3309

SPEED CONTROLS

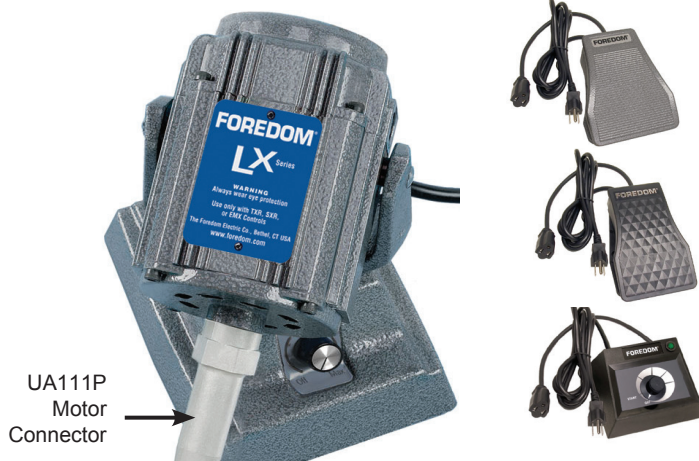
FCT-1 Heavy-duty plastic housing foot control.	09F-MTA1100
SCT-1 Heavy cast iron metal housing foot control covered with non-skid material.	09F-MTA1102
EM-1 Electronic manual control has a dial speed control.	09F-MTA1105

INNER CABLES & OUTER SHEATH

#93 Inner Cable is standard inner cable that is used with Foredom Handpieces	09F-MTA1000
#93S Inner Cable is a square end inner cable that is used with the FPH/R Die Profiler	09F-MTA1009
#77 Outer Sheath	09F-MTA1001

ACCESSORIES

UA111P Motor Connector	09F-MTA1204
#132P Pair of Motor Brushes for SR Motor	09F-MTA1215



FOREDOM FLEXIBLE SHAFT MACHINE • LX

SERIES LX HIGH TORQUE/LOW SPEED (up to 5,000 RPM)

The Foredom Series LX has the most power at startup to 5,000 RPMs – its maximum speed.

Powerful: The 1/10 HP, ball bearing LX motor is a permanent magnet DC motor with advanced rare earth magnets in place of wire wound fields in other motors. It is Foredom’s most powerful motor with better low-speed torque than either the SR or TX. The LX motor’s maximum speed is 5,000 RPM. Ideal for low-speed jobs like stone setting, wax modeling, drilling and chisel carving.

Durable: Foredom motors and speed controls have a 2-year limited warranty and can last for decades.

Shafting: Series LX motors use standard length shafts and more flexible neoprene sheaths.

Speed Controls: All Series LX motors must be used with the speed controls listed below. These controls have the same housing as other Foredom speed controls, but they convert AC current from an electrical outlet to DC current required by Series LX motors. These controls have a different style plug that is made to fit the motor’s shielded-type plug. Damage will result if the motor is connected to any other speed control.

MOTORS	ORDER NO.
LX Hang-Up Motor Set (includes standard shaft and sheath; speed control choice, purchased separately)	09E-FRM8309
LX Hang-Up Motor (motor only)	09E-FRM8300

SPEED CONTROLS	
TXR-1 Heavy-duty plastic housing foot control	09F-MTA1112
SCT-1 Heavy cast iron metal housing foot control	09F-MTA1102
EMX-1 Electronic manual control has a dial speed control	09F-MTA1114

INNER CABLES & OUTER SHEATH	
#93 Inner Cable is the standard inner cable that is used with Foredom Handpieces	09F-MTA1000
#93S Inner Cable is a square end inner cable that is used with FPH/R Die Profiler	09F-MTA1009
#77N Neoprene Outer Sheath	09F-MTA1010

ACCESSORIES	
UA111P Motor Connector	09F-MTA1204
#319P Pair of Motor Brushes for LX Motor	09F-MTA1214

FLEX SHAFT MOTOR FEATURES & SPECIFICATIONS

	Series SR	Series TX	Series LX
Performance	Most popular motor has the power and speed needed for most jobs without stalling or slowing down while under normal load. Runs in both Forward and Reverse.	Extra power / torque for the most demanding work– hogging out large quantities of wood or porting engines. Offers excellent control of the cutting tool, drill, or bur under load.	Most powerful at low speeds (max speed is 5,000 RPM) even more than Series TX at the low end. Ideal for low speed jobs: stone setting, wax modeling, drilling and chisel carving.
Horsepower*	1/6 HP*	1/3 HP*	1/10 HP*
Maximum Speed	18,000 RPM	15,000 RPM	5,000 RPM
Rotation	Forward & Reverse	Forward	Forward
Ball Bearing Motor Type	Universal	Permanent Magnet	Permanent Magnet
Compatible Speed Controls	115V: C.FCT-1, C.SCT-1, C.EM-1, C.EMF-1 230V: C.FCH-2, C.SCH-2, C.EMH-2, C.EMHF-2, C.FCT-21CE, C.FCT-22CE	115V ONLY C.TXR-1, C.SXR-1, C.EMX-1, C.EMXF-1	115V: C.TXR-1, C.SXR-1, C.EMX-1 230V: C.TXR-2, C.SXR-2, C.EMX-2
Voltage‡	115V & 230V Single Phase‡	115V ONLY Single Phase	115V & 230V Single Phase‡
Amp/Watt	115V: 1.7 Amp ac 230V: .9 Amp ac 125 Watt	115V: 3.5 Amp ac 250 Watt	115V: 1.2 Amp ac 230V: .6 Amp ac 75 Watt
Noise Level	68 Decibels	68 Decibels	68 Decibels

* **Horsepower:** Foredom motors are rated at continuous duty or maximum efficiency under load and NOT maximum output. If we adopted the maximum output rating used by other manufacturers, Series SR motors would qualify as 1/5 HP or 1/4 HP, Series TX would be considered 1/2 HP, and all of our other motors would have higher horsepower ratings.

‡ **Voltage:** 110-120V vs. 220-240V–The performance of 115V & 230V machines in this catalog are identical. 230V machines are solely intended for use in areas where 110V – 120V power is not available.

FILES
ABRASIVE STONES
CUTTING TOOLS
MOUNTED POINTS & WHEELS
DIAMOND TOOLS
ABRASIVES
COMPOUNDS
BRUSHES, WOOD STICKS & FELT
EQUIPMENT
VISION EQUIPMENT & MISC TOOLS

FOREDOM FLEXIBLE SHAFT MACHINE · TX

SERIES TX 1/3 HP HIGH TORQUE AT ALL SPEEDS

The Foredom Series TX has extra power and torque for the most demanding work.

Powerful: The 1/3 HP, ball bearing TX motors deliver excellent field strength throughout the speed range of 500 – 15,000 RPM with great control of the cutting tool, drill, or bur under load. This permanent magnet DC motor has advanced rare earth magnets in place of wire wound fields found in other motors. Made for hogging out large quantities of wood or porting engines.

Durable: Foredom motors and speed controls have a 2-year limited warranty and can last for decades.

Speed Controls: All Series TX motors must be used with the speed controls listed below. They are similar in appearance to the others in our line but have TX specific electronics for smoother acceleration and extra control of the tool.



MOTORS	ORDER NO.
TX Hang-Up Motor Set (includes standard shaft and sheath; speed control of choice, purchased separately)	09E-FRM7011

TX Hang-Up Motor (motor only)	09F-FRM7000
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SPEED CONTROLS

TXR-1 Heavy-duty plastic housing foot control	09F-MTA1112
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SCT-1 SXR-1 Heavy cast iron metal housing foot control	09F-MTA1113
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EMX-1 Electronic manual control has dial speed control	09F-MTA1114
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INNER CABLES & OUTER SHEATH

#93 Inner Cable is the standard inner cable that is used with Foredom Handpieces	09F-MTA1000
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#93S Inner Cable is a square end inner cable that is used with the FPH/R Die Profiler	09F-MTA1009
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#77 Outer Sheath	09F-MTA1001
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ACCESSORIES

UA111P Motor Connector	09F-MTA1204
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#319P Pair of Motor Brushes	09F-MTA1214
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Spare parts are available.
Visit our website
FalconTool.com or
contact us for a parts list.

FOREDOM HANDPIECES



NO. 8 FOREDOM HANDPIECE

Slim design for fine, detailed work. Collet-style handpiece with slim design for fine, detailed work. Great for narrow areas or smaller hands. It's chuck guard sleeve protects fingers when working close and slides back when changing collets and accessories. Pre-lubricated ball bearings require no maintenance.

Comes with 3/32" installed and 1/8" collets, and a set of chuck wrenches.

Order No. 09C-FRH1300



NO. 30 FOREDOM HANDPIECE

Most popular handpiece for general use and should be used with a key tip shaft only. Its geared 3-jaw chuck takes any size accessory shank or drill bit up to 5/32" in diameter. Pre-lubricated ball bearings require no maintenance.

Comes with a HPCK-O Chuck Key in a molded plastic handle for changing accessories (replacement chuck item 09D-FRP1210).

Order No. 09C-FRH2500



NO. 28 FOREDOM HANDPIECE

Slender handpiece with a comfortable design. Collet-style, slender handpiece with a comfortable design. It is a narrow version of the 44T handpiece and is great for narrow areas or smaller hands. Tapered grip and pre-lubricated ball bearings that do not require any additional lubrication. Comes with 3/32" and 1/8" collets, pin and chuck wrench for changing collets and accessories.

Order No. 09C-FRH2400



NO. 44T FOREDOM HANDPIECE

Collet-style handpiece that accepts accessories with up to 1/4" diameter shanks. Should be used with a key tip shaft only. Tapered grip handpiece similar to the popular No. 30 except that it has a collet-style chuck adaptable to larger accessories. Pre-lubricated ball bearings require no additional lubrication.

Comes with 3/32", 1/8" and 1/4" collets, pin and wrench for changing collets and accessories.

Order No. 09C-FRH2800

COLLETS FOR FOREDOM HANDPIECES

Collets for use with Handpiece 44T

FOREDOM NO.	ORDER NO.	SIZE
442	09C-FRH5442	3/32"
443	09C-FRH5443	1/8"
444	09C-FRH5444	5/32"
445	09C-FRH5445	3/16"
446	09C-FRH5446	7/32"
447	09C-FRH5447	1/4"
448	09C-FRH5448	3mm
449	09C-FRH5449	6mm

Collets for use with Handpieces 8, 8D & 5

FOREDOM NO.	ORDER NO.	SIZE
602	09C-FRH5602	1/16"
603	09C-FRH5603	3/32"
604	09C-FRH5604	1/8"
605	09C-FRH5605	3mm
447	09C-FRH5447	1/4"

600 COLLET SET

Set of 1 of Foredom No. 602, 603, 604 and 605 for use with 8, 8D, and 5 Handpieces.

FOREDOM NO.	ORDER NO.
Set 600	09C-FRH5600

440 COLLET SET

1 each of Foredom No. 442, 443, 444, 445, 447, 448 and 449 for use with 44T Handpiece.

FOREDOM NO.	ORDER NO.
Set 440	09C-FRH5440





Portable Compact Micromotor System

- Control unit features a digital RPM display that makes it easy to monitor speed as you work. The dial on the front adjusts speed from 0-30,000 RPM.
- Run time is approximately 5 hours, depending on how long the micromotor is in continuous use when in battery mode, or plug in for a day long use.
- Built-in lithium-ion rechargeable battery for the ultimate in portability. Battery charge time is 3 hours.
- Handpiece is small and lightweight yet has plenty of power for fine detailing, polishing and even grinding on metal, wood, glass and many other materials.
- Fan cooled, brush type continuous duty motor runs cool and vibration-free. It has permanently lubricated, shielded ball bearings that require no additional lubrication.

FOREDOM MICROMOTORS & ACCESSORIES

Kit Includes:

- Collet
- Control Unit with Built-in Battery
- Charger/Adapter
- Handpiece Cradle
- Motor Brushes, Spare

ORDER NO.	DESCRIPTION
09E-FRM5000	Portable Micro Motor w/3/32" Collet
09E-FRM5001	Portable Micro Motor w/1/8" Collet
09F-MTA1338	Micromotor Plastic Case
09F-MTA1339	Micromotor Carrying Case
09F-MTA1341	On/Off Foot Switch for Micromotor
09C-FRH6000	3/32" Collet Adapter



Accessories:

Plastic Carrying Case

Great for securely storing your portable micromotor kit.

Nylon Carrying Pouch

Great for users who work at multiple station or outdoors with limited or no bench top space.

Foot Control

Optional on/off foot switch.

Collet Adapter

Optional 3/32" Collet adapter for your portable 1/8" collet micromotor kit. This is an adapter that fits inside a collet and allows the use of small shank size accessories.





NSK offers ultra-precise, high-speed hand grinders and polishers engineered to meet the industry's demand for speed and precision. These electrically and/or pneumatically driven tools offer the latest technology for applications including polishing, grinding, engraving, deburring, cutting, and ultrasonic polishing. Each tool is ergonomically engineered for superior comfort and control.

NSK offers a wide variety of equipment; the items listed on this page are the most widely used by Falcon Tool customers. Contact us for more information on NSK's full line of precision grinding and polishing systems.

NSK EQUIPMENT

EMAX EVOLUTION is an ultra-precision brushless micro-grinder used for a wide variety of polishing applications.

EMAX EVOLUTION CONTROL UNIT

Order No. 09N-NSK1002

Compact, functional and easily portable design. Digital display enhances safety and efficiency. Speed Control Volume with Flash Load Indicator. Memory Speed Function FiXpeed®, allowing independent foot switch operation. Power Source: AC120V, 50 60Hz. Power Consumption: 30W, Weight: 5 lb. 1.13 oz.,

Dimensions: W5.12" x D10" x H3.82"

Includes: Hand Piece Holder, Handpiece Stand, Power Supply Cord.



MOTORS



EMAX EVOLUTION MOTOR ENK 410S

Order No. 09N-NSK1003

High speed, lightweight small diameter, high torque. Compact general use type motor perfect for precision work. Speed: 1,000~40,000 RPM, 4.5' Straight Cord.



EMAX EVOLUTION TORQUE TYPE MOTOR ENK 250T

Order No. 09N-NSK1004

Excellent combination of high speed and high torque. Perfect for applications requiring large burs. Speed: 1,000~25,000 RPM, 4.5' Straight Cord.

SETS

EMAX EVOLUTION STANDARD SET

Order No. 09N-NSK1000

1,000-40,000min-1 RPM. Speed Control Volume with Flash Load Indicator, Memory Speed Function FiXpeed®, Interchangeable with 16 attachments from the Emax system. **NOTE:** Never connect to Emax Series motor NK-351, NK-261 and NK-151. Use the exclusive motors ENK-410S and ENK-250T for Emax EVOLUTION.

Includes: Standard Accessories: Micro Grinder (Ring Type IR-310 + ENK-410S), Collet Chuck 1/8" 1pc, 2.35mm 1pc, Control Unit(NE249) and Other Standard Accessories.

EMAX EVOLUTION RING TYPE TORQUE SET

Order No. 09N-NSK1001

1,000-25,000min-1 RPM. For heavy duty and larger tools. Combines high torque and high speed to extend operation ranges. Ring Type IR-310 is the standard attachment for the Emax EVOLUTION torque set.

Includes: Micro Grinder (IR-310 + ENK-250T) 1pc., Collet 1/8", 2.35 mm: 1pc each, Control Unit (NE249 120) 1pc and Other Standard Accessories.

ATTACHMENTS



40,000 min⁻¹(rpm) Max. (*1)
40,000 min⁻¹(rpm) Max. (*2)



35,000 min⁻¹(rpm) Max. (*1)
20,000 min⁻¹(rpm) Max. (*2)

EMAX EVOLUTION & ROTUS IH-300 ATTACHMENT

Order No. 09N-NSK1012

Lever type attachment with 1/8" collet and slim, light weight, ergonomic design providing powerful yet delicate grinding and polishing. Simply turn the lever to exchange the bur. Wrench is not required for exchanging the chuck.



35,000 min⁻¹(rpm) Max. (*1)
20,000 min⁻¹(rpm) Max. (*2)

EMAX EVOLUTION & ROTUS KC-300 ATTACHMENT

Order No. 09N-NSK1010

Ideal for work at a 45° angle, especially corners and deep concave surfaces. Use the motor in reverse rotation for clockwise rotation. Standard 1/8" collet included.



EMAX EVOLUTION & ROTUS IC-300 ATTACHMENT

Order No. 09N-NSK1011

90° angle attachment with a 1/8" collet. Most suitable for polishing flat surfaces, corners and internal surfaces of pipes with paper disk mounted on rubber pad.



MINI LUSTER ML-8 ATTACHMENT

Order No. 09N-NSK1013

Pencil type reciprocating polisher. Due to its pencil type grip, it is most suitable for polishing narrow grooves and detail areas. Lightweight, compact design and minimal vibration keep the hands free from fatigue for long continuous operation. By using the grindstone holder provided, various tools such as Finishing Stones, Ceramic Super Stones, Cristone®, diamond files, etc. can be used. Reciprocating Stroke (variable): approx. 0-9,000 times/min. Stroke Range (fixed): 0.8mm.

SWING LUSTER SLS-16

Order No. 09N-NSK1009

Lightweight pencil type polisher suited for narrow grooves, details and tight areas. Perform high speed grinding and polishing operations while maintaining the fine and delicate feeling of hand polishing. Ergonomically designed to provide high sensitivity for precision work. Easily adjustable stroke length allows efficient work on minute areas or large sections. Reciprocating Stroke (variable): 0-9,000 times/min. Stroke Range (variable): 0-1.6 mm.



LUSTER LS-100 PROFILER

Order No. 09N-NSK1008

Powerful reciprocating stroke polisher. The tilt angle is adjustable, and the grinding surface can be set at any angle between 0 and 360 degrees enabling grinding of bottom, right, left and top surfaces without moving the machine itself. Rubber grip absorbs vibration, reducing fatigue and allowing long continuous operation. Reciprocating Stroke: 0-7,600 times/min, fully adjustable. Stroke Range: 0-6mm, adjustable by stroke cam.

NLS-110 PROFILER (BUILT IN MOTOR)

Order No. 09N-NSK1007

Powerful reciprocating stroke polisher equipped with 1/4 Speed Reducer to multiply the torque by 4 times. The tilt angle is adjustable, and the grinding surface can be set at any angle between 0 and 360 degrees enabling grinding of bottom, right, left and top surfaces without moving the machine itself. Rubber grip absorbs vibration, reducing fatigue and allowing long continuous operation. Reciprocating Stroke: 0-7,600 times/min, fully adjustable. Stroke Range: 0-6mm, adjustable by stroke cam.



ROTUS STANDARD SET

Order No. 09N-NSK1005

The ROTUS System is a hand-held ultra-precision high torque air grinder with an energy saving air motor. Since it is an air driven system, there is virtually no heat generation resulting in excellent durability. Select from a variety of attachments depending on your application.

Includes: Air Grinder, Air Line Kit, Foot Control, Hose for Piping, Lubricating Oil and Pin Wrenches.



SHEENUS ZERO ULTRASONIC POLISHER

The Sheenus ZERO can be used for grinding, polishing and mirror finishing on a wide range of materials from aluminum dies to cemented carbide dies. It is also perfect for plastic molds, press, casting, forging, trimming and header dies. This tool quickly removes hard layers of EDM deposits and polishes difficult areas such as complex corners and ribs. Capabilities include bur removal, grinding and polishing of precision molds, dies, electronic and ceramic components.

Complete Set - Order No. Sheenus7775

Control Unit only - Order No. Sheenus7778

Handpiece only - Order No. Sheenus7780

Sheenus ZERO Standard Set Includes:

- Controller
- Ultrasonic Handpiece
- Power Cable
- Accessories: (1) Tip Holder Set, (1) Ceramic Stone Holder, (1) Ceramic Fiber Grindstone Blue, (1) Electroplated Diamond Taper File
- Tool Box (Plastic)
- (1) 10mm Wrench
- (1) 2.5mm Allen Wrench
- (1) Foot Pedal
- (2) Fuse AC120V





High Efficiency, Leading Edge Ultrasonic Polisher

The ENESKasonic Ultrasonic Polisher is the most innovative advancement in the field of ultrasonic polishing and offers a sophisticated design and high-tech German engineering. It is used for polishing and lapping in the frequency range of 20 - 30 kHz. The Auto Tune function determines the optimum frequency, and the adjustable power control is suitable for fine, delicate work on narrow ribs and edges. Use the Boost Mode feature for power-intensive, extra abrasive work with sintered diamond files. The LED-assisted display shows the widest range of operating parameters and settings. The 140g lightweight handpiece with an M6 fine thread is comfortable to hold and enables fatigue-free work.

ENESKASONIC ULTRASONIC POLISHER

- Intuitive touch operation combined with a rotary controller on high-quality glass
- Modern LED-assisted multi-functional display
- Boost function for applications requiring greater power
- Idle timer detects unused handpieces and protects against wear
- USB charging connection enables optional workplace light without another power source
- Compatible with NSK SHEENUS neo handpiece when used with NSK Handpiece Connect Cable (contact Customer Service to order)
- Not authorized to sell in Europe or Mexico

ENESKasonic Ultrasonic Polisher Set Includes:

- (1) Control Unit
- (1) Ultrasonic Handpiece
- (1) Handpiece Support Stand
- (1) Screen Protector
- (1) Power Cord
- (2) 4 A Fuse for 110V use
- (1) Allen Key (2) Chuck Key
- (1) 3mm Round Rool Holder
- (1) 1mm Flat Tool Holder

ENESKasonic Ultrasonic Polisher Set 110V



Order No. 09R-ENE1000

ENESKasonic Foot Pedal



Foot pedal is not included in set, purchase separately.

Order No. 09R-ENE1010

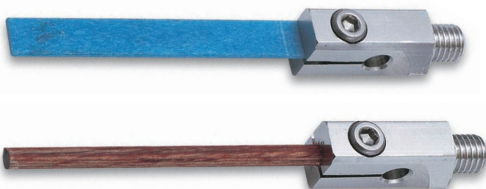
ENESKasonic M4 Thread Tool Adapter



M4 Thread Tool Adapter is for optional ultrasonic tools.

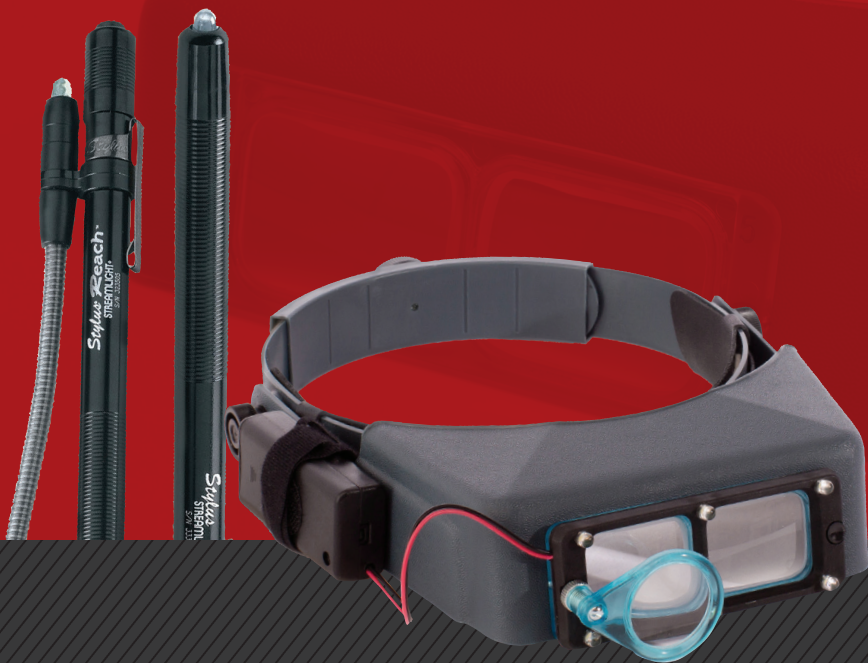
Order No. 09R-ENE1014

STONE HOLDERS



PRODUCT	ORDER NO.	PRODUCT	ORDER NO.
Flat Tool Holder 0.5mm	09R-ENE1017	Round Tool Holder 2mm	09R-ENE1015
Flat Tool Holder 0.8mm	09R-ENE1018	Round Tool Holder 3mm	09R-ENE1016
Flat Tool Holder 1mm	09R-ENE1019		
Flat Tool Holder 2mm	09R-ENE1020		
Flat Tool Holder 3mm	09R-ENE1021		

VISION EQUIPMENT & MISC. TOOLS



PLASTIGAGE

Accurate method for checking die cut clearance.

OPTIVISORS

Leaves both hands free, allows three dimensional vision and can be used by anyone whose profession or craft requires close, accurate work.

OPTILOUPE

An attachable lens that adds the additional power of an eye loupe to the OptiVISOR.

OPTIVISOR LED LIGHT

Headband light that reduces shadows and increases visibility in any environment.

LED ILLUMINATING HEADBAND MAGNIFIER

Latest innovation in headband magnifiers.

VISOR LIGHT

Unique lightweight battery-powered light that illuminates a magnified viewing area.

RIB LIGHTS

High intensity LED pen lights for polishers and mold makers. Excellent for illuminating ribs and slots.

FILES

ABRASIVE
STONES

CUTTING
TOOLS

MOUNTED POINTS
& WHEELS

DIAMOND
TOOLS

ABRASIVES

COMPOUNDS

BRUSHES, WOOD
STICKS & FELT

EQUIPMENT

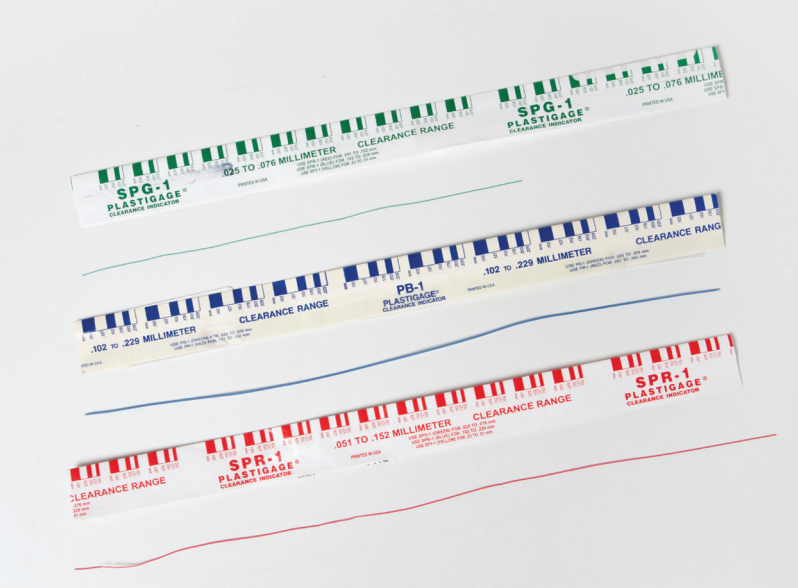
VISION EQUIPMENT
& MISC TOOLS

PLASTIGAGE

Clean, Accurate Method for Checking Die Clearance

Plastigages offer a quick, clean and accurate method for checking die clearance. Their innovative design utilizes leading edge materials ensuring they flatten precisely. To use, compare the width of the flattened Plastigage at its widest point with the graduations on the envelope. The number within the graduation on the envelope indicates die clearance in thousands of an inch or in millimeters, depending on which side of the envelope is used. Taper is indicated when one end of the flattened Plastigage is wider than the other. Measure each end of the flattened Plastigage. The difference between the readings is the approximate amount of taper.

STYLE NO.	ORDER NO.	COLOR	CLEARANCE RANGE
PG-1	10J-PLA1000	Green	.001 - .003
PR-1	10J-PLA1001	Red	.002 - .006
PB-1	10J-PLA1002	Blue	.004 - .009



OPTIVISOR

A precision binocular headband magnifier which permits unrestricted user efficiency while reducing eye strain.

The OptiVISOR leaves both hands free and allows three dimensional vision and can be used by anyone whose profession or craft requires close, accurate work. The OptiVISOR can be worn over prescription or safety eyeglasses. Product features include optical glass prismatic lenses, adjustable pivots that allow the visor to be tilted, adjustable headband, high impact visor, and leather comfort band.

SPECIAL FEATURES:

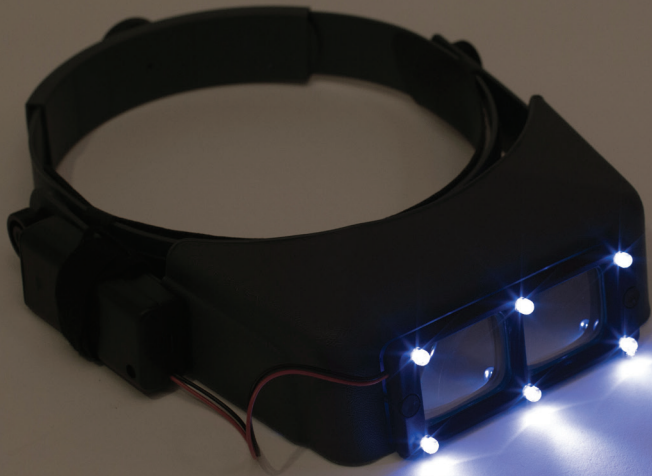
- Leaves both hands free and tilts up when not in use
- Optical polished glass lens
- Adjusts to all head sizes and has leather comfort band
- Can be worn over prescription or safety glasses



MODEL NO.	ORDER NO.	MAGNIFICATION	FOCAL LENGTH
DA-2	10K-OPT1002	1.5x	20"
DA-3	10K-OPT1003	1.75x	14"
DA-4	10K-OPT1004	2x	10"
DA-5	10K-OPT1005	2.5x	8"
DA-7	10K-OPT1007	2.75x	6"
DA-10	10K-OPT1010	3.5x	4"

Replacement Lenses and Accessories

ORDER NO.	OPTIVISOR PARTS
10K-OPT1100	Lens Plate No. 2
10K-OPT1101	Lens Plate No. 3
10K-OPT1102	Lens Plate No. 4
10K-OPT1103	Lens Plate No. 5
10K-OPT1104	Lens Plate No. 7
10K-OPT1105	Lens Plate No. 10
10K-OPT1110	Leather Comfort Band
10K-OPT1000	OptiVISOR without Lens Plate
10K-OPT1011	Headband w/ Leather Comfort Band



OPTIVISOR LED LIGHT KIT

The OptiVISOR Light Kit is an LED lighting system designed specifically for the OptiVISOR. It consists of six LED bulbs with over 100,000 hour life expectancies that light up holes, ribs and deep cavities as well as reduce shadows and increase visibility in any environment. The LEDs have been specifically chosen to give you the best possible LED lighting solution available based on intensity, radiant pattern, color temperature, and battery life. 2-AA batteries are included. OptiVISOR sold separately.

Special Features:

- Reduces shadows and increases visibility in any environment
- Six LED bulbs with over 100,000 hour life
- Easily snaps over OptiVISOR lens plate
- Best possible lighting solution available for your magnifying visor
- 2 – AA batteries included

Order No. 10K-OPT9000

OPTILOUPE

The OptiLOUPE is an attachable lens that adds the additional power of an eye loupe to the OptiVISOR.

Designed for monocular use, the OptiLOUPE easily flips up or down providing additional 2.5x magnification. It easily attaches to either eye of any OptiVISOR.

Order No. 10K-OPT1001



LED ILLUMINATING HEADBAND MAGNIFIER

The Latest Innovation in Headband Magnifiers

- Detachable LED light source
- 11 different magnifications
- Handy storage box
- Single-plate lens: 1.0X, 1.5X, 2.0X, 2.5X, 3.5X
- Bi-plate lens: 3.0X, 4.0X, 4.5X, 5.0X, 5.5X, 6.0X

Order No. 10K-OPT4000



VISORLIGHT

Bright LED Lighting Accessory for OptiVISOR System

VisorLIGHT is a unique lightweight battery-powered light that illuminates a magnified viewing area. Two models are available to allow complete mounting: Item # 10K-OPT5000 with a 10" short cord for mounting on a headband and Item # 10K-OPT5001 with a 42" long cord so the battery pack can be worn on a belt or placed in a pocket. Replacement bulbs are also available and sold separately.

Special Features:

- Hands-free light that attaches to top of OptiVISOR
- Lightweight
- Swivels up and down for optimal light coverage
- Xenon laser beam bulb (brighter than LEDs)
- 6000 candle power
- 4-5 hours battery life (if used continuously)
- Operates on two AA batteries which are not included

ORDER NO. DESCRIPTION

10K-OPT5000	VisorLIGHT 10" Cord
10K-OPT5001	VisorLIGHT 42" Cord
10K-OPT5002	VisorLIGHT Replacement Bulb



RIB LIGHTS

Rib Lights are high intensity LED straight pen or bendable gooseneck style lights used by polishers, moldmakers, or any craftsman that needs to see into tight areas, ribs and slots. Provides excellent illumination in either high intensity white or blue LED options. Rib Light Reach (flexible neck) is available in white LED only. Includes 3 AAAA batteries.

ORDER NO.	DESCRIPTION	STYLE
10R-RIB1001	Rib Light - Blue LED	Straight Pen
10R-RIB1002	Rib Light - White LED	Straight Pen
10R-RIB1003	Rib Light Reach - White LED	Flexible Neck
10R-RIB1000	Rib Light Battery - AAAA (3 per bag)	N/A