



QUALITY DIAMOND & CBN TOOLS





Since 1973, **LAPCRAFT** has manufactured quality Superabrasive tools that deliver outstanding performance and value to satisfied customers in the U.S.A. and throughout the world.

The name **LAPCRAFT** has come to be respected for a highly diversified line of diamond and CBN plated tools used in a broad spectrum of industries and covering applications ranging from precision polishing to aggressive stock removal of ultra hard materials which require diamond or CBN crystals as the super hard abrasives.

Typical users of **LAPCRAFT** diamond products include industries such as lapidary, stone, optical, dental, medical, aerospace, sport and consumer equipment, tool and die, metallagraphic processes and glass.

The contents of this catalog include a broad array of standard products available to the marketplace. In addition to these **LAPCRAFT** manufactures many special abrasive tools designed to customer specification.

For further information and assistance please contact **LAPCRAFT** directly.

195 West Olentangy Street
Powell, OH 43065 USA
Phone 614-764-8993
Fax 614-764-1860
www.lapcraft.com

STANDARD PRODUCT

Lapcraft offers a broad array of standard catalog items in both diamond and CBN abrasives. All products are made in the U.S.A. and utilize the highest quality materials and abrasives.

STRIPPING AND REPLATING SERVICE

A complete stripping and repeating service is available for both standard and custom products. Steel bodies in good condition can be stripped and replated at reasonable costs; quick turn around and delivery.

PRIVATE LABEL SERVICE

Lapcraft welcomes the opportunity to quote on customer labeled products. These products can be supplied complete or with abrasive bonding only, using customer supplied bodies.



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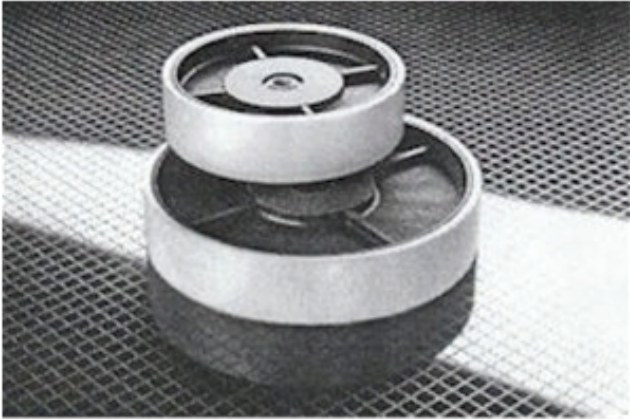
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GRINDING & LAPPING



TYPE 1A1 DIAMOND GRINDING WHEELS

LAPCRAFT'S TYPE 1A1 NON-TEXTURED diamond grinding wheels are made using the latest technology. The tough nylon cores are banded with solid steel rings machined to close tolerances. The rings are packed with tough, blocky, high quality diamond crystals leaving no voids or undesirable seams. The diamond particles are then nickel plated in place.

Type 1A1 Non-Textured Surface Diamond Grinding Wheels					
O.D. x WIDTH/STOCK NUMBER					
DIAMOND MESH	4" X 1"	4" X 1-1/2"	6" X 1"	6" X 1-1/2"	8" X 1-1/2"
60	13000	13010	13100	13200	13300
80	13001	13011	13101	13201	13301
100	13002	13012	13102	13202	13302
180	13003	13013	13103	13203	13303
220	13004	13014	13104	13204	13304
360	13005	13015	13105	13205	13305
600	13006	13016	13106	13206	13306
1200	13007	13017	13107	13207	13307

All wheels are bored to 1" diameter

All wheels are bored to 1" diameter and include bushing to accommodate 3/4", 5/8", and 1/2" arbors.

Always use coolant when grinding with superabrasive wheels.

Always wear safety glasses.

Do **not** exceed 2000 RPM spindle speed.

Additional diamond mesh sizes are quotable upon request.

Type 1A1 Combination Wheel Kits					
DIAMOND MESH	4" X 1"	4" X 1-1/2"	6" X 1"	6" X 1-1/2"	8" X 1-1/2"
"A" Combo Kit 80 & 220	13010-13	13020-23	13100-33	13200-43	13300-53
"B" Combo Kit 100 & 600	13011-13	13021-23	13101-33	13201-43	13301-53

Stainless steel rings available; add \$50.00.

Hide-A-Bevel available for lens grinding; add \$25.00.

5" DISH DISC



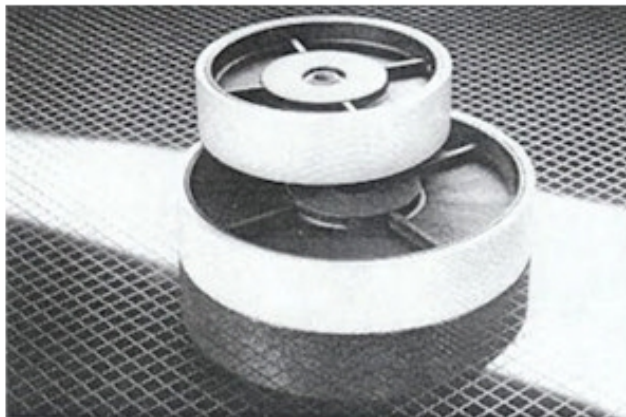
IDEAL FOR CABOCHONS, these concave radius discs have a 1/2" bore and a 5" O.D.

GRIT SIZE	STOCK NUMBER
180	13310
360	13312
600	13314
1200	13316

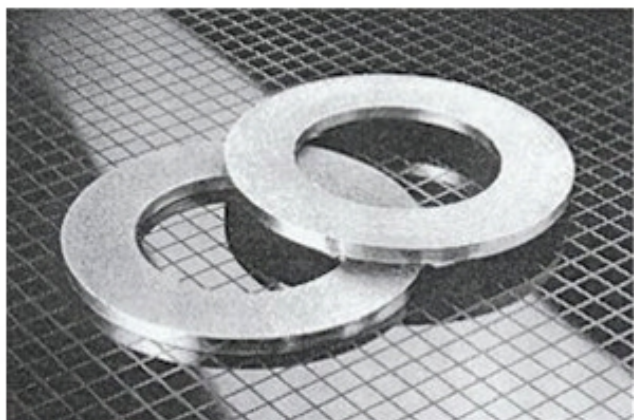


TEXTURE-X TYPE 1A1 GRINDING WHEEL

TEXTURE-X TYPE 1A1 WHEELS are used for off-hand grinding and have an interrupted pattern surface for aggressive grinding - fast and easy. Diamond crystals are bonded to seamless steel rings on durable lightweight nylon cores. Shaft sizes are 1" bushed to 1/4", 1/8", and 1/2."



Texture-X Type 1A1 Wheels			
O.D. x WIDTH / STOCK NUMBER			
DIAMOND MESH	6" X 1"	6" X 1-1/2"	8" X 1-1/2"
60	13100X	13200X	13300X
80	13101X	13201X	13301X
100	13102X	13202X	13302X
180	13103X	13203X	13303X
220	13104X	13204X	13304X
360	13105X	13205X	13305X



2A2 MAGNETIC MOUNTWHEELS

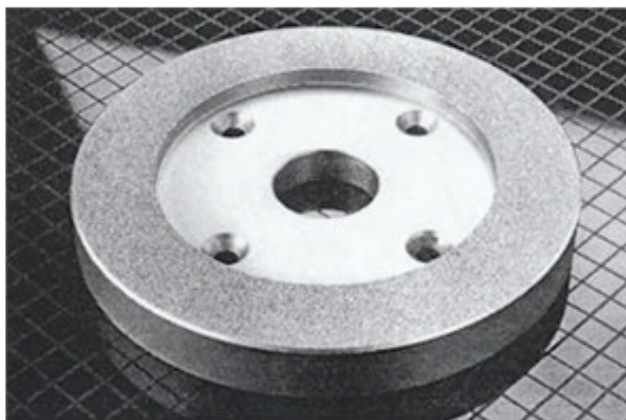
5" O.D. x 3" I.D. x 1" face for use on most low speed, oscillating grinders. These wheels are constructed of 1/4" thick solid steel bodies.

GRIT SIZE	STOCK NUMBER
100	13350
150	13355
260	13360
600	13365

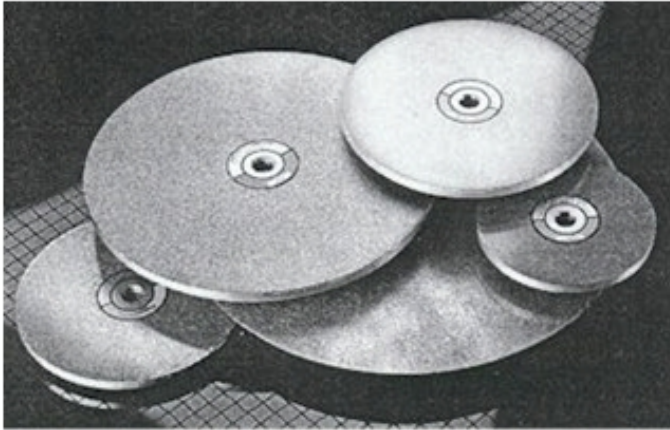
TYPE 6A2C FACE WHEELS

LAPCRAFT'S TYPE 6A2C FACE WHEELS offer an exceptionally low coefficient of friction. This, combined with a single piece solid steel construction offer a cost saving opportunity for offhand grinding of single point carbide tools. Standard item with 1-1/4" arbor hole.

DIAMETER	WHEEL THICKNESS	FACE WIDTH	MESH	STOCK NUMBER
6"	3/4"	3/4"	100	13400
6"	3/4"	3/4"	180	13401
6"	3/4"	3/4"	360	13402
6"	3/4"	1"	100	13403
6"	3/4"	1"	180	13404
6"	3/4"	1"	360	13404



PRE-CHARGED DIAMOND LAPPING DISCS



PRE-CHARGED LAPPING DISCS have a dense population of diamond crystals electrobonded to a .032" smooth steel circular section. The abrasive surfaces are available with or without a backing plate. The backing plates are constructed of 3/8" thick solid aluminum discs precision machined for flatness. All diamond sections without backing plates are available with or without PSA backing.

LAPPING DISCS are ideal superabrasive tools for use in grinding and polishing to generate precision flat surfaces. Use to generate precision flat surfaces. Use to grind and polish carbide, ceramics, glass and gemstones. Also used to facilitate the preparation of metallographic and ceramographic specimens.

*Backing plates are constructed of 3/8" thick solid aluminum and precision machined for flatness.

*All diamond sections are available with or without PSA backing.

*All discs are available with or without arbor hole. Standard arbor hole is 1/2". Other arbor sizes are available to customer specifications.

*Textured discs are designed for higher stock removal rate requirements. The design allows for a cleaner cut because of less chip interference. They offer a special advantage when used on more heat sensitive materials.

*Special diameters and grit sizes are available to customer specifications.

*Magnetic backs also available.

Smooth Surface Lapping Discs											
GRIT	4"		5"		6"		8"		12"	16"	18"
	Backed	Unbacked	Backed	Unbacked	Backed	Unbacked	Backed	Unbacked	Unbacked Only	Unbacked Only	Unbacked Only
40	14110	14111	14136	14137	14162	14163	14188	14189			
60	14112	14113	14138	14139	14164	14165	14190	14191	14215	14228	14241
80	14114	14115	14140	14141	14166	14167	14192	14193	14216	14229	14242
100	14116	14117	14142	14143	14168	14169	14194	14195	14217	14230	14243
180	14118	14119	14144	14145	14170	14171	14196	14197	14218	14231	14244
260	14120	14121	14146	14147	14172	14173	14198	14199	14219	14232	14245
360	14122	14123	14148	14149	14174	14175	14200	14201	14220	14233	14246
600	14124	14125	14150	14151	14176	14177	14202	14203	14221	14234	14247
1200	14126	14127	14152	14153	14178	14179	14204	14205	14222	14235	14248
1500	14128	14129	14154	14155	14180	14181	14206	14207			
1800	14130	14131	14156	14157	14182	14183	14208	14209			
3000	14132	14133	14158	14159	14184	14185	14210	14211			
8000	14134	14135	14160	14161	14186	14187	14212	14213			

ISLANDER LAPPING DISCS (TEXTURED SURFACE)

LAPCRAFT'S ISLANDER' diamond discs have a textured surface comprised of a myriad of islands packed with diamond crystals. The cutting islands are surrounded by a maze of canals which flush the cuttings away and helps keep discs free from loading up. As with the standard discs, 'Islander' discs are available in a wide range of sizes to fit your individual needs.

'Islander' or Smooth Surface Lapping Discs													
GRIT	4"		5"		6"		8"		12"	16"	18"		
	Backed	Unbacked	Backed	Unbacked	Backed	Unbacked	Backed	Unbacked	Unbacked Only	Unbacked Only	Unbacked Only		
40	14254	14255	14270	14271	14286	14287	14302	14303					
60	14256	14257	14272	14273	14288	14289	14304	14305	14319	14327	14335		
80	14258	14259	14274	14275	14290	14291	14306	14307	14320	14328	14336		
100	14260	14261	14276	14277	14292	14293	14308	14309	14321	14329	14337		
180	14262	14263	14278	14279	14294	14295	14310	14311	14322	14330	14338		
260	14264	14265	14280	14281	14296	14297	14312	14313	14323	14331	14339		
360	14266	14267	14282	14283	14298	14299	14314	14315	14324	14332	14340		
600	14268	14269	14284	14285	14300	14301	14316	14317	14325	14333	14341		
1200					AVAILABLE ON REQUEST								
8000					AVAILABLE ON REQUEST								



NO-HOLE DIAMOND LAPPING DISCS

LAPCRAFT'S NO-HOLE diamond lapping discs offer full face flat grinding without any center hole obstruction. One surface contains a full face of diamond particles whereas the opposite surface has a 1/4" -20 rt. hd. machine screw mounted in the center; simply screw it into the end of an arbor which has the same internal thread.

No-Hole Lapping Discs are available in both 6" and 8" diameters in Lapcraft's standard smooth as well as the 'Islander' or textured diamond lapping disc.

GRIT	6"		8"		12"	16"	18"
	Backed	Unbacked	Backed	Unbacked	Unbacked Only	Unbacked Only	Unbacked Only
40	14345	14346	14371	14372			
60	14347	14348	14373	14374	14398	14411	14424
80	14349	14350	14375	14376	14399	14412	14425
100	14351	14352	14377	14378	14400	14413	14426
180	14353	14354	14379	14380	14401	14414	14427
260	14355	14356	14381	14382	14402	14415	14428
360	14357	14358	14383	14384	14403	14416	14429
600	14359	14360	14385	14386	14404	14417	14430
1200	14361	14362	14387	14388	14405	14418	14431
1500	14363	14364	14389	14390			
1800	14365	14366	14391	14392			
3000	14367	14368	14393	14394			
8000	14369	14370	14395	14396			
Other Diameters Quoted Upon Request.							

'Islander' or Textured No-Hole Diamond Lapping Discs

GRIT	6"		8"		12"	16"	18"
	Backed	Unbacked	Backed	Unbacked	Unbacked Only	Unbacked Only	Unbacked Only
40	14440	14441	14458	14459			
60	14442	14443	14460	14461	14477	14486	14495
80	14444	14445	14462	14463	14478	14487	14496
100	14446	14447	14464	14465	14479	14488	14497
180	14448	14449	14466	14467	14480	14489	14498
260	14450	14451	14468	14469	14481	14490	14499
360	14452	14453	14470	14471	14482	14491	14500
600	14454	14455	14472	14473	14483	14492	14501
1200	14456	14457	14474	14475	14484	14493	14502

UNCHARGED LAPPING DISCS FOR FINAL POLISH

LAPCRAFT OFFERS A VARIETY of lapping discs designed to be charged by the craftsman with his or her personal preference of diamond or other conventional abrasives.

FINALAP™

LAPCRAFT'S FINALAP™ has been specially selected for use in the final polish stage along with Lapcraft's diamond spray. The Finalap™ has fine metal particles embedded in a tough resin binder which provides the excellent holding properties of metal with the grooving resistance of a reinforced resin structure.

DIAMETER & DESCRIPTION	STOCK NUMBER
6" Finalap	14513
8" Finalap	14514

DIAMETER & DESCRIPTION	STOCK NUMBER
6" Copper Lap	14509
8" Copper Lap	14510
6" Lucite Lap	14511
8" Lucite Lap	14512

NOTE: All laps supplied with a 1/2" arbor hole unless otherwise specified.

PHENOLIC LAP AN ECONOMICAL ALL-PURPOSE

lapping disc specially made for charging with Lapcraft's diamond compound and with other precision polishing powders such as: cerium oxide, LINDE A or tin oxide.

DIAMETER & DESCRIPTION	STOCK NUMBER
6" Phenolic Lap	14503
8" Phenolic Lap	14504



MASTER LAP™

THESE PRECISION MACHINED flat solid aluminum laps are used as a backing for a variety of thin laps. Master Laps™ are approximately 3/8" thick. 1/2" arbor hole is standard. No-Hole Master Laps™ have a 1/4"-20 rt. hd. male screw on the back.

DIAMETER & DESCRIPTION	STOCK NUMBER
6" Master Lap	14515
8" Master Lap	14516

DIAMETER & DESCRIPTION	STOCK NUMBER
6" No-Hole Master Lap	14517
8" No-Hole Master Lap	14518

UNCHARGED POLISHING PADS

MADE FOR SMOOTHING and polishing, Lapcraft's uncharged polishing pads are designed to take a charge using Lapcraft's diamond compound or other precision conventional micro powders.

DURA-TEX - A real performer that won't soak up the diamond compound because of its special composition of man-made fibers compressed to an exact density. Recommended for use with coarser grit sizes - 180 through 1800. (Green)

MICRO-TEX - Not as dense and durable as Dura-Tex but it is more versatile. It is also a more universal pad that accepts a charge using finer grit sizes -260 through 1800. (White)

POLY-TEX - A star performing pad for the final polish. It's a combination of nylon and wool which makes it very durable. It also requires less effort to get a mirror finish. Recommended for use with finer grit sizes - 3,000 through 50,000. (Black)

POLY-DISC ADAPTORS

THESE ADAPTORS ARE USED to convert your motor or machine to a polishing unit; 1/4"-20 female, right-hand thread.

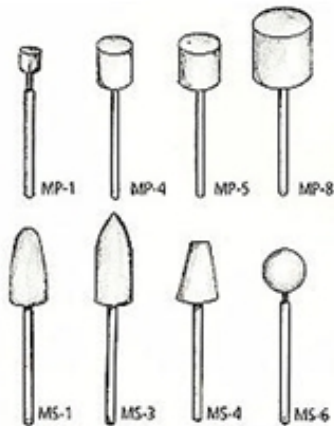
MOTOR SHAFT SIZE	STOCK NUMBER
For 1/2" motor shafts	14701
For 3/8" motor shafts	14702
For 5/16" motor shafts	14703
For 1/4" motor shafts	14704

PAD TYPE	Lapping Discs		
	PAD DIAMETER / STOCK NUMBER		
	4"	6"	8"
DURA-TEX	14608	14613	14618
MICRO-TEX	14609	14614	14619
POLY-TEX	14610	14615	14620

POLISHING SYSTEMS

FELT BOBS

LAPCRAFT'S MANDREL MOUNTED bobs are made of hard felt and are for use with diamond polishing compounds. Maximum speed rating is 20,000 RPM, 1/8" shanks.



Cylinder Shaped Felt Bobs
Cylinder Shaped Felt Bobs

STOCK NUMBER	DIAMETER	FACE	MANDREL
MP-1	1/4"	1/4"	1/8"
MP-4	3/8"	1/2"	1/8"
MP-5	1/2"	1/2"	1/8"
MP-8	3/4"	3/4"	1/8"

Tapered & Ball Felt Bobs

STOCK NUMBER	DIAMETER	FACE	MANDREL
MP-1	1/4"	1"	1/8"
MP-3	3/8"	1/2"	1/8"
MP-4	1/2"	3/4"	1/8"
MP-6	1/2"	1/2"	1/8"

DIAMOND SLURRY

OS (OIL SOLUBLE) IS OUR MOST popular slurry for use on hard laps. This slurry is especially popular for finishing materials where a highly reflective surface is desired.



Diamond Slurry

APPLICATION				STOCK NUMBER			
APPLICATION RECOMMENDATION	MESH	MICRON	COLOR	CONCENTRATION	1 GRAM	100 GRAM	400 GRAM
Finest finishing for semi-conductor components, optical parts and other material requiring ultra-high surface finishes such as gemstones.	100,000	1/4	Neutral	Standard	21115	21116	21120
	50,000	1/2	Neutral	Standard	21145	21126	21130
	14,000	1	Neutral	Light		21136	21140
Final finish for memory discs and recording heads, ceramic and ally steels, sapphire, and similar oxides	8,000	3	Yellow	Medium	21175	21146	21150
				Heavy		21156	21160
				Light		21166	21170
	3,000	6	Orange	Medium	21205	21176	21180
				Heavy		21186	21190
				Light		21196	21200
1,800	9	Green	Medium	21235	21206	21210	
			Heavy		21216	21220	
			Light		21226	21230	
High Stock removal for flatness prior to final steps.	1,200	15	Blue	Medium	21265	21236	21240
				Heavy		21246	21250
				Light		21256	21260
	600	30	Red	Medium	21295	21266	21270
				Heavy		21276	21280
				Light		21286	21290
325	45	Brown	Medium	21325	21296	21300	
			Heavy		21306	21310	
			Light		21316	21320	
			Medium	21355	21326	21330	
			Heavy		21336	21240	

MICROMITE™

DIAMOND COMPOUNDS are packaged in disposable syringes for precision application.



Micromite™ Diamond Polishing Compound

APPLICATION	INDUSTRY MICRON	MICRON RANGE	COLOR	MESH	STOCK NUMBER			
					Syringe 1 GRAM	Syringe 2 GRAM	Syringe 5 GRAM	Syringe 18 GRAM
Precision and fine finishes for metallography, semi-conductors, ferrite, optical, and gemstones.	1/4	0-1/2	Neutral	100,000	20100	20102	20105	20106
	1/2	0-1	Light Gray	50,000	20110	20112	20115	20116
Final finishes for dies, molds, seals and assorted production lapping.	1	0-2	Neutral	14,000	20120	20122	20125	20126
	3	2-4	Yellow	8,000	20130	20132	20135	20136
	6	4-8	Orange	3,000	20140	20142	20145	20146
Preparatory lapping-first step for general work.	9	6-12	Green	1,800	20150	20152	20155	20156
	15	10-20	Blue	1,200	20160	20162	20165	20166
	30	20-40	Red	600	20170	20172	20175	20176
Fast stock removal usually in excess of .003"	45	30-60	Brown	325	20180	20182	20185	20186
	60	50-70	Purple	260	20190	20192	20195	20196
				180	20200	20202	20205	20206
	80	60-90	Dark Blue	100	20210	20212	20215	20216

#1 Starter Kit - three most popular sizes: 1 gm of 1,200 for finishing, 1 gm of 8,000
STOCK NUMBER.....20462

#2 Maxi-Mite Kit - comes complete with 2gms each of 50,000 & 14,000 & 1gm each of 8,000, 3,000, 1,200 & 600, plus Microsol extender.
STOCK NUMBER.....20463

#3 Pro-Mite Kit - a double supply of Microsol extender plus 5gms each of 50,000, 14,000, 8,000, 3,000, 1,200 & 600.
STOCK NUMBER.....20464



MICROSOL™ DIAMOND COMPOUND EXTENDER

MICROSOL™ IS A SPECIAL FORMULA dispersant for use with Micromite™ diamond compounds.

5 oz. Bottle of Microsol™

1 oz. Bottle of Microsol™
STOCK NUMBER...20461

5 oz. Bottle of Microsol™
STOCK NUMBER...20460

1 oz. Bottle of Microsol™
STOCK NUMBER...20461

DIAMOND SPRAY

DIAMOND SPRAY is a sensible alternative to aerosol types. The spray is available in 2 oz. pump bottles. The vehicle is designed to dissipate quickly leaving a uniform concentration of exposed diamond particles on the work material. Simply apply the spray where the polish is required.

Diamond Spray		
MESH EQUIVALENT	MICRON SIZE	STOCK NUMBER
100,000	1/4	21505
50,000	1/2	21510
14,000	1	21515
8,000	3	21520
3,000	6	21525
1,200	15	21530
600	30	21535
325	45	21540



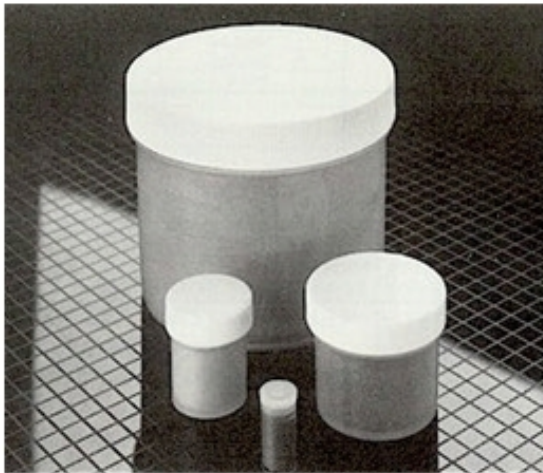
POLISHING SYSTEMS

POLISHING POWDERS

THESE POWDERS ARE DESIGNED to give an ultra-high polish on crystalline materials. These are absolutely precise, conventional polishing abrasives. They are not recommended for use in tumblers.

Polishing Powders		
	STOCK NUMBER	
	STOCK NUMBER	
DESCRIPTION	1 OZ.	1 LB.
Linde A	21600	21601
Cerium Oxide	21602	21603
Tin Oxide	21604	21605

MICROMITE™ DIAMOND POWDER



MICROMITE™ DIAMOND POWDER				
MICRON SIZE	MESH EQUIVALENT	STOCK NUMBER		
		1 Carat Vial	5 Carat Vial	100 Carat Vial
1/4	100,000	21606	21606-5	21606-100
1/2	50,000	21607	21607-5	21607-100
1	14,000	21608	21608-5	21608-100
3	8,000	21609	21609-5	21609-100
6	3,000	21610	21610-5	21610-100
9	1,800	21611	21611-5	21611-100
15	1,200	21612	21612-5	21612-100
30	600	21613	21613-5	21613-100
45	325	21614	21614-5	21614-100
60	260	21615	21615-5	21615-100
--	180	21616	21616-5	21616-100
--	100	21617	21617-5	21617-100
--	80	21618	21618-5	21618-100
--	60	21619	21619-5	21619-100

*Packed conveniently in plastic vials as small as individual one (1) carat units.
*Use as is to make and charge laps and tools.

MICROMITE™ HI-STRENGTH diamond powders are produced under ultra modern laboratory conditions using electronically automated grading machines. Grading is accomplished by employing the principles of 'Stokes Law' - not sieves. The end result yields precision closer than the Bureau of Standard Specification.

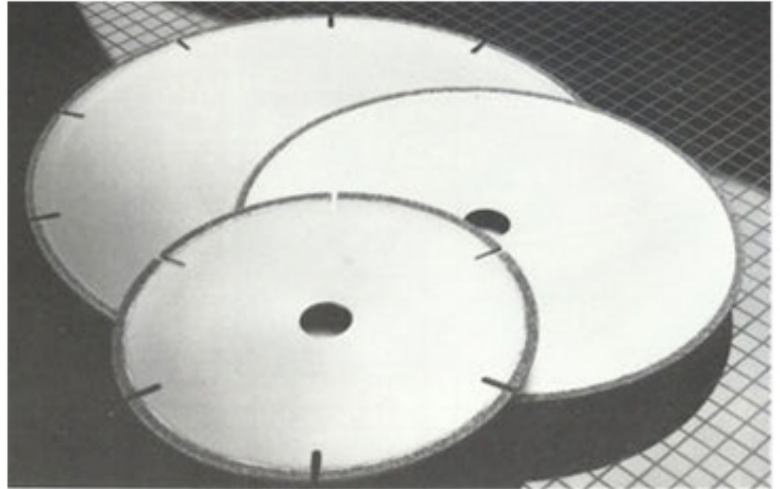
LAPCRAFT EXCELS
in the manufacture
of standard as well as
custom designed products
in both diamond and
CBN abrasives.
Customer Inquiries Invited.



DIAMOND CIRCULAR SAW BLADES

PLATED DIAMOND CIRCULAR SAW BLADES

HIGH PERFORMANCE diamond circular saw blades are designed for cutting-off, slotting, notching and trimming of heat-sensitive, high friction or highly abrasive, non-metallic materials. Lapcraft nickel plated saw blades are available with either continuous or slotted cores. Forty (40) mesh diamond with radius edge is standard.



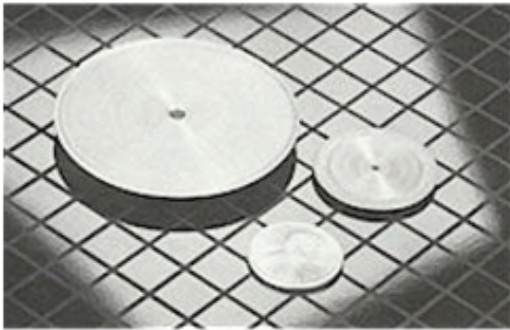
Plated Diamond Circular Saw Blades				STOCK NUMBER	
DIA.	KERF	CORE	ARBOR	Continuous 1/16" Return	Slotted 1/16" Return
1 1/2"	1/16"	3/64"	1/4"	10011	
1 1/2"	3/32"	1/16"	1/4"	10013	
2"	1/16"	3/64"	1/4"	10201	
2"	1/16"	3/64"	3/8"	10203	
2"	3/32"	1/16"	1/4"	10205	
3"	1/16"	3/64"	1/4"	10301	11301
3"	1/16"	3/64"	3/8"	10303	11303
3"	1/16"	3/64"	1/2"	10305	11305
3"	3/32"	1/16"	1/4"	10307	11307
3"	3/32"	1/16"	3/8"	10309	11309
3"	3/32"	1/16"	1/2"	10311	11311
3"	1/8"	3/32"	1/4"	10313	11313
3"	1/8"	3/32"	3/8"	10315	11315
3"	1/8"	3/32"	1/2"	10317	11317
4"	1/16"	3/64"	3/8"	10401	11401
4"	1/16"	3/64"	1/2"	10403	11403
4"	1/16"	3/64"	5/8"	10405	11405
4"	3/32"	1/16"	3/8"	10407	11407
4"	3/32"	1/16"	1/2"	10409	11409
4"	3/32"	1/16"	5/8"	10411	11411
4"	1/8"	3/32"	3/8"	10413	11413
4"	1/8"	3/32"	1/2"	10415	11415
4"	1/8"	3/32"	5/8"	10417	11417
5"	1/16"	3/64"	1/2"	10501	11501
5"	1/16"	3/64"	5/8"	10503	11503
5"	1/16"	3/64"	3/4"	10505	11505
5"	3/32"	1/16"	1/2"	10507	11507
5"	3/32"	1/16"	5/8"	10509	11509
5"	3/32"	1/16"	3/4"	10511	11511
5"	1/8"	3/32"	1/2"	10513	11513
5"	1/8"	3/32"	5/8"	10515	11515
5"	1/8"	3/32"	3/4"	10517	11517

Plated Diamond Circular Saw Blades					
DIA.	KERF	CORE	ARBOR	STOCK NUMBER	
				Continuous 1/16" Return	Slotted 1/16" Return
6"	1/16"	3/64"	1/2"	10601	11601
6"	1/16"	3/64"	5/8"	10603	11603
6"	1/16"	3/64"	3/4"	10605	11605
6"	3/32"	1/16"	1/2"	10607	11607
6"	3/32"	1/16"	5/8"	10609	11609
6"	3/32"	1/16"	3/4"	10611	11611
6"	1/8"	3/32"	1/2"	10613	11613
6"	1/8"	3/32"	5/8"	10615	11615
6"	1/8"	3/32"	3/4"	10617	11617
7"	1/16"	3/64"	1/2"	10701	11701
7"	1/16"	3/64"	5/8"	10703	11703
7"	1/16"	3/64"	3/4"	10705	11705
7"	3/32"	1/16"	1/2"	10707	11707
7"	3/32"	1/16"	5/8"	10709	11709
7"	3/32"	1/16"	3/4"	10711	11711
7"	1/8"	3/32"	1/2"	10713	11713
7"	1/8"	3/32"	5/8"	10715	11715
7"	1/8"	3/32"	3/4"	10717	11717
8"	1/16"	3/64"	1/2"	10801	11801
8"	1/16"	3/64"	5/8"	10803	11803
8"	1/16"	3/64"	3/4"	10805	11805
8"	3/32"	1/16"	1/2"	10807	11807
8"	3/32"	1/16"	5/8"	10809	11809
8"	3/32"	1/16"	3/4"	10811	11811
8"	1/8"	3/32"	1/2"	10813	11813
8"	1/8"	3/32"	5/8"	10815	11815
8"	1/8"	3/32"	3/4"	10817	11817
10"	1/16"	3/64"	1/2"	10910	11910
10"	1/16"	3/64"	5/8"	10912	11912
10"	1/16"	3/64"	3/4"	10914	11914
10"	3/32"	1/16"	1/2"	10916	11916
10"	3/32"	1/16"	5/8"	10918	11918

PLATED DIAMOND CIRCULAR SAW BLADES

Plated Diamond Circular Saw Blades (Continued)					
DIA.	KERF	CORE	ARBOR	STOCK NUMBER	
				Continuous 1/16" Return	Slotted 1/16" Return
10"	3/32"	1/16"	3/4"	10920	11920
10"	1/8"	3/32"	1/2"	10922	11922
10"	1/8"	3/32"	5/8"	10924	11924
10"	1/8"	3/32"	3/4"	10926	11926
12"	3/32"	1/16"	1"	10928	11928
12"	3/32"	1/16"	1 1/4"	10930	11930
12"	1/8"	3/32"	1"	10932	11932
12"	1/8"	3/32"	1 1/4"	10934	11934
12"	5/32"	1/8"	1"	10936	11936
12"	5/32"	1/8"	1 1/4"	10938	11938
12"	3/16"	5/32"	1"	10940	11940
12"	3/16"	5/32"	1 1/4"	10942	11942
14"	3/32"	1/16"	1"	10944	11944
14"	3/32"	1/16"	1 1/4"	10946	11946
14"	1/8"	3/32"	1"	10948	11948
14"	1/8"	3/32"	1 1/4"	10950	11950
14"	5/32"	1/8"	1"	10952	11952
14"	5/32"	1/8"	1 1/4"	10954	11954
14"	3/16"	5/32"	1"	10956	11956
14"	3/16"	5/32"	1 1/4"	10958	11958

Plated Diamond Circular Saw Blades					
DIA.	KERF	CORE	ARBOR	STOCK NUMBER	
				Continuous 1/16" Return	Slotted 1/16" Return
16"	3/32"	1/16"	3/4"	10960	11960
16"	1/8"	3/32"	1/2"	10962	11962
16"	1/8"	3/32"	5/8"	10964	11964
16"	1/8"	3/32"	3/4"	10966	11966
16"	3/32"	1/16"	1"	10968	11968
16"				10970	11970
18"	3/32"	1/16"	1 1/4"	10972	11972
18"	1/8"	3/32"	1"	10974	11974
18"	1/8"	3/32"	1 1/4"	10976	11976
18"	5/32"	1/8"	1"	10978	11978
20"	5/32"	1/8"	1 1/4"	10980	11980
20"	3/16"	5/32"	1"	10982	11982
20"	3/16"	5/32"	1 1/4"	10984	11984
20"	3/32"	1/16"	1"	10986	11986
24"	3/32"	1/16"	1 1/4"	10988	11988
24"	1/8"	3/32"	1"	10990	11990
24"	1/8"	3/32"	1 1/4"	10992	11992
24"	5/32"	1/8"	1"	10994	11994



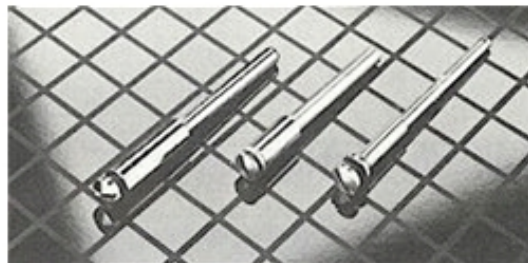
SLITTERS

THESE PLATED DIAMOND CUTTING wafers are designed to be used with high RPM, flexible shaft-type machines. They have a continuous, stainless steel body. MINI MICRO KERF- BLADES offer a high performance, safe alternative to conventional abrasive miniature cut-off wheels.

Slitters - Mini Micro Kerf™ Blades				
DIA.	KERF	CORE	ARBOR	STOCK NUMBER
5/8"	.022"	.010"	1/16"	12150
3/4"	.022"	.010"	1/16"	12155
1"	.022"	.010"	1/16"	12160
2"	.032"	.020"	1/8"	12165

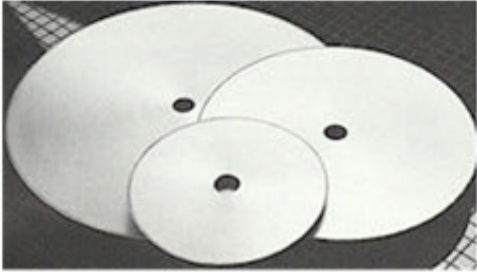
MANDRELS FOR SLITTERS

Mandrels for Slitters		
ARBOR SIZE	SHANK	STOCK NUMBER
1/16"	3/32"	12170
1/16"	1/8"	12171
1/8"	1/8"	12172



DIA-LASER™ SAW BLADES

LAPCRAFT'S DIA-LASER™ PLATED DIAMOND circular saw blades are essential when cutting precious materials. They are available in ultra-thin thicknesses which slice with minimal material loss. Dia-Laser's unique cutting teeth are premium, multi-pointed diamond crystals chosen for their strength and sharpness. These cutting points are securely nickel plated onto rust proof, circular full-hard stainless steel bodies.



Dia-Laser™ Diamond Circular Saw Blades					
DIAMETER	MESH	KERF	CORE	ARBOR HOLE	STOCK NUMBER
3"	260	.010"	.004"	1/2"	12100
4"	260	.010"	.004"	1/2"	12110
4"	260	.010"	.004"	5/8"	12112
4"	150	.024"	.012"	1/2"	12114
4"	150	.024"	.012"	5/8"	12116
5"	260	.010"	.004"	1/2"	12118
5"	260	.010"	.004"	5/8"	12120
5"	150	.024"	.012"	1/2"	12122
5"	150	.024"	.012"	5/8"	12124
6"	260	.014"	.006"	1/2"	12126
6"	260	.014"	.006"	5/8"	12128
6"	150	.024"	.012"	1/2"	12130
6"	150	.024"	.012"	5/8"	12132
6"	60	.045"	.025"	1/2"	12134
6"	60	.045"	.025"	5/8"	12136
8"	150	.024"	.012"	1/2"	12138
8"	150	.024"	.012"	5/8"	12140
8"	60	.045"	.025"	1/2"	12142
8"	60	.045"	.025"	5/8"	12144

Silver Knight™ Diamond Circular Saw Blades			
DIAMETER	RIM THICKNESS	ARBOR HOLE	STOCK NUMBER
4"	.014"	1/2"	19300
4"	.020"	1/2"	19302
5"	.020"	1/2"	19304
6"	.014"	1/2"	19306
6"	.020"	1/2"	19308
6"	.032"	1/2"	19310
6"	.040"	5/8"	19312
8"	.025"	5/8"	19314
8"	.032"	5/8"	19316
8"	.040"	5/8"	19318
10"	.032"	5/8"	19320
10"	.040"	5/8"	19322
10"	.050"	5/8"	19324
12"	.065"	1"	19326
14"	.070"	1"	19328

SILVER KNIGHT™ SAW BLADES - SINTERED, CONTINUOUS RIM

SILVER KNIGHT™ - A LONG ESTABLISHED name in the industry and the favorite choice where durability is a priority. Silver Knight™ blades are manufactured with a continuous sintered rim of diamond, which is metal, bonded to the periphery of steel core bodies. Diameters range from 4" to 14".

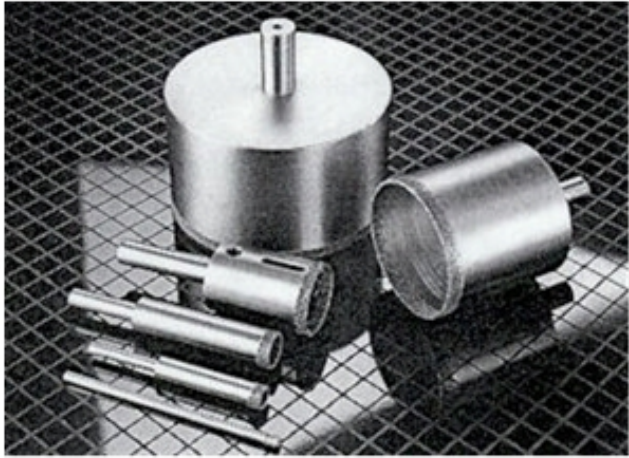
SPITFIRE™ SAW BLADES- SINTERED, NOTCHED RIM

SPITFIRE™ DIAMOND SAW BLADES, a long established standard in the industry, are proven 'workhorses' especially selected for cutting larger slabs of harder, tougher materials. Their construction consists of a multitude of notches around the periphery of steel core bodies. The notches are filled with metal powders and diamond particles; then sintered to form hard, durable bonds.

Spitfire™ Diamond Circular Saw Blades			
DIAMETER	CORE THICKNESS	ARBOR HOLE	STOCK NUMBER
16"	.075"	1"	19402
20"	.064"	1"	19405
20"	.075"	1"	19406
24"	.105"	1"	19408
30"	.105"	1"	19409



DRILLING & GRINDING TOOLS



DIAMOND CORE DRILLS

DIAMOND CORE DRILLS are available in a wide selection of popular stocked sizes.

STANDARD OFFERINGS INCLUDE:

- *1" cutting depth - 1/8" return
- *60 mesh for glass and lapidary
- *40 mesh for all other non-metallics
- *3/8" shank except 1/8" & 3/16"

OPTIONS:

- *Selection of custom sizes per customer specifications
- *Replate service
- *Pilot-ready types
- *Other shank sizes on request

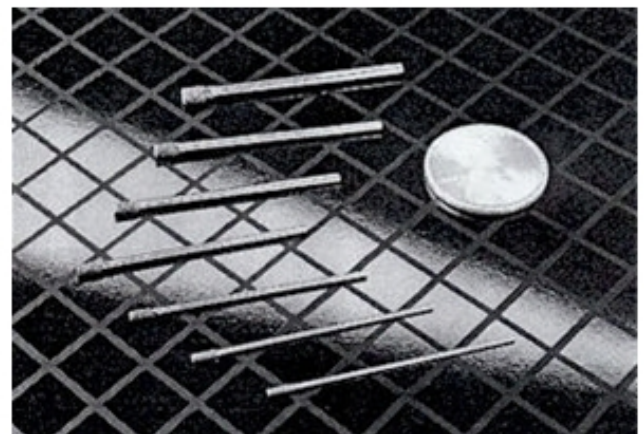
Diamond Core Drills			
	DIAMETER	STOCK NUMBER	
		40 MESH	60 MESH
4000 RPM	1/8"		15101
	1/4"	15105	15106
	5/16"	15110	15111
	3/8"	15115	15116
	7/16"	15120	15121
	1/2"	15125	15126
	9/16"	15130	15131
2000 RPM	5/8"	15135	15136
	3/4"	15140	15141
	7/8"	15145	15146
1500 RPM	1"	15150	15151
	1 1/16"	15155	15156
	1 1/8"	15160	15161
	1 1/4"	15165	15166
	1 1/2"	15170	15171
	1 3/4"	15175	15176
	2"	15180	15181
1000 RPM	2 1/4"	15185	15186
	2 1/2"	15190	15191
	3"	15195	15196
500 RPM	3 1/4"	15200	15201
	3 1/2"	15205	15206
	4"	15210	15211
	4 1/4"	15215	15216
	4 1/2"	15220	15221
	5"	15225	15226
	5 1/4"	15230	15231
	5 1/2"	15235	15236
	6"	15240	15241

MICROMITE™ DRILLS

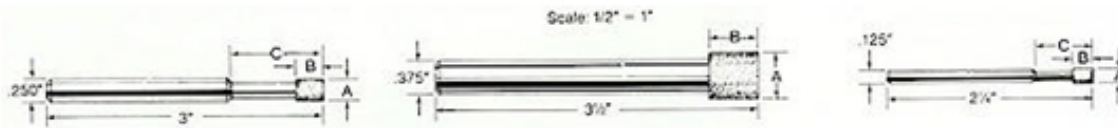
LAPCRAFT'S MICROMITE™ DIAMOND drills are ideal for drilling small holes in highly abrasive non-ferrous materials. Examples include the drilling of sapphire and high-density alumina ceramics. Overall lengths are 1 3/8."

Micromite™ Diamond Drills			
DRILL SIZE (mm)	SHANK SIZE (inches)	STOCK NUMBER	6 PACK NUMBER
3/4	.023	16005	16005-6
1	.024	16010	16010-6
1 1/4	.036	16015	16015-6
1 1/2	.044	16020	16020-6
1 3/4	.054	16025	16025-6
2	.064	16030	16030-6
2 1/4	.074	16035	16035-6
2 1/2	.084	16040	16040-6
3	.104	16045	16045-6
3 1/2	.124	16050	16050-6
4	.144	16055	16055-6

Cbn and special sizes available on request.
5,000-20,000 RPM



DIAMOND & CBN MANDRELS



Mandrels							
DIMENSION IN INCHES			STOCK NUMBER				
			DIAMOND GRIT		CBN GRIT		
A	B	C	220	100	220	100	60
.203	.275	1.000	16300	16305	17280	17285	17290
.230	.275	1.000	16310	16315	17295	17300	17305
.275	.315	N/A	16320	16325	17310	17315	17320
.315	.315	N/A	16330	16335	17325	17330	17335
.335	.315	N/A	16340	16345	17340	17345	17350
.394	.197	N/A	16350	16355	17355	17360	17365
.394	.394	N/A	16360	16365	17370	17375	17380
.437	.394	N/A	16370	16375	17385	17390	17395
.500	.394	N/A	16380	16385	17400	17405	17410

Mandrels						
DIMENSION IN INCHES			STOCK NUMBER			
			DIAMOND GRIT		CBN GRIT	
A	B	C	220	100	220	100
.030	.079	1/4	16100	16105	17100	17105
.030	.118	1/4	16110	16115	17110	17115
.040	.079	1/4	16120	16125	17120	17125
.040	.118	1/4	16130	16135	17130	17135
.050	.079	1/2	16140	16145	17140	17145
.050	.118	1/2	16150	16155	17150	17155
.060	.079	1/2	16160	16165	17160	17165
.060	.118	1/2	16170	16175	17170	17175
.070	.157	1/2	16180	16185	17180	17185
.080	.157	1/2	16190	16195	17190	17195
.090	.157	1/2	16200	16205	17200	17205
.100	.157	1/2	16210	16215	17210	17215
.110	.157	1/2	16220	16225	17220	17225
.118	.157	5/8	16230	16235	17230	17235
.135	.197	5/8	16240	16245	17240	17245
.157	.236	N/A	16250	16255	17250	17255
.177	.236	N/A	16260	16265	17260	17265
.197	.236	N/A	16270	16275	17270	17275

USE DIAMOND OR CBN MANDRELS for precise, small hole jig and I.D. grinding.

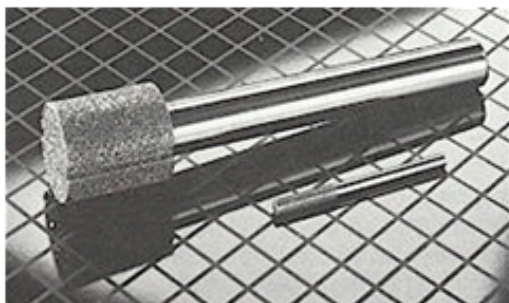
- Diamond points are recommended for green and sintered carbides, ceramics, carbon, glass, sapphire, quartz.
- CBN points recommended on high carbon, high chrome steel, super alloys and tool steels with hardness above 58 Rockwell C.

Mandrels						
DIMENSION IN INCHES			STOCK NUMBER			
			DIAMOND GRIT		CBN GRIT	
A	B		220	100	220	100
.394	.394		16400	16405	17415	17420
.473	.394		16410	16415	17430	17435
.500	.500		16420	16425	17445	17450
.591	.394		16430	16435	17460	17465
.730	.394		16440	16445	17475	17480
1.000	.394		16450	16455	17490	17495
1.250	.394		16460	16465	17505	17510
1.500	.394		16470	16475	17520	17525

STRAIGHT DIAMOND ROUTERS

STRAIGHT DIAMOND ROUTERS are in 40 80 and 100 mesh diamond. The abrasive length is 1" except for 3/32" & 1/8" which is 5/8". There are two straight

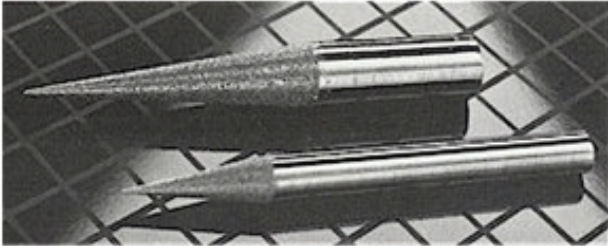
longitudinal flutes on 3/4" diameter and larger.



Straight Diamond Routers					
DIAMETER			STOCK NUMBER		
			40 MESH	80 MESH	100 MESH
SHANK	OAL				
3/32"	2"		17600	17620	17640
1/8"	2"		17601	17621	17641
1/4"	1/4"	3"	17602	17622	17642
3/8"	1/4"	3"	17603	17623	17643
3/8"	3/8"	3"	17604	17624	17644
1/2"	1/4"	3"	17605	17625	17645
1/2"	3/8"	3"	17606	17626	17646
5/8"	3/8"	3"	17607	17627	17647
2/4"	3/8"	3"	17608	17628	17648
1"	3/8"	3"	17609	17629	17649
1"	1/2"	3"	17610	17630	17650

DRILLING & GRINDING TOOLS

DIAMOND TAPERED HONES

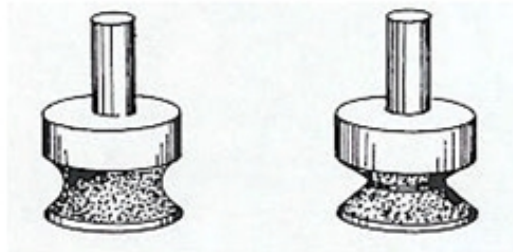


DIAMOND TAPERED HONES are available in 150 grit with an OAL of 3."

Diamond Tapered Hones		
O.D.	INCLUDED ANGLE	STOCK NUMBER
1/8"	6°	17705
1/8"	8°	17710
1/8"	12°	17715
1/4"	12°	17720
1/4"	14°	17725
1/4"	16°	17730
3/8"	12°	17735
3/8"	14°	17740
3/8"	16°	17745

DIAMOND EDGE GRINDING BITS

LAPCRAFT DIAMOND GRINDING BITS fit any 3/8" drill chuck. These diamond bits smooth cut-out holes, slots, and curves in glass or stone. Make "on-the-job" adjustments or correct cutting mistakes. Use with Lapcraft's Tool Cool™ diamond coolant or with turpentine.



Diamond Grinding Bits			
DESCRIPTION	SHAFT	GRIT	STOCK NUMBER
Pencil Edge	3/8"	80	17750
Pencil Edge	3/8"	120	17755
Flat & Seam	3/8"	80	17760
Flat & Seam	3/8"	120	17765

To enhance the life of your diamond equipment
use Lapcraft's
Tool Cool™.
Our specially formulated
coolant contains beneficial
wetting agents and rust
inhibitors.



8 oz. Bottle of Tool Cool™
STOCK NUMBER.....22015

1 gallon Bottle of Tool Cool™
STOCK NUMBER.....22020

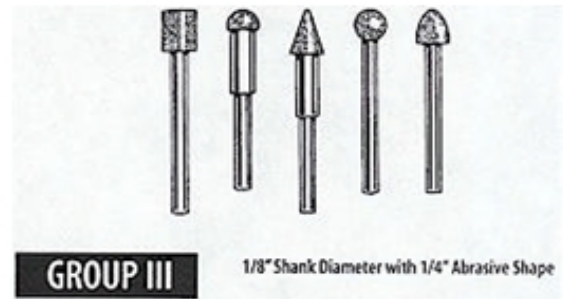
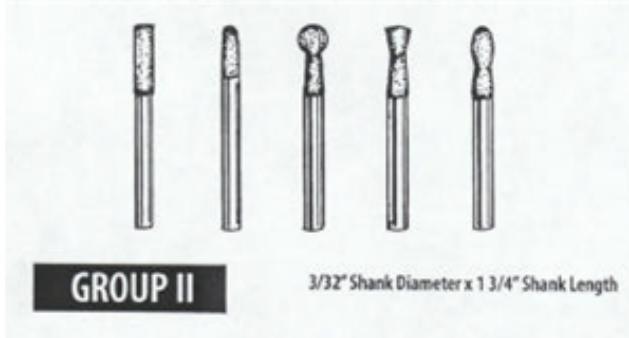


SHAPED DIAMOND BURS

LAPCRAFT PRODUCED DIAMOND burs come in a variety of shapes, diamond grit sizes and shank diameters. Blocky diamond crystals are nickel plated around these unique bur shapes and offer the ability to create intricate cuts in the hardest materials including natural stone, glass, ceramics, and carbides.



Group I - Shaped Diamond Burs						
BUR SHAPE	STOCK NUMBER					
	180 GRIT		360 GRIT		600 GRIT	
	1/PACK	6/PACK	1/PACK	6/PACK	1/PACK	6/PACK
Cone	18020	18020-6	18021	18021-6	18023	18023-6
Rev. Cone	18023	18023-6	18024	18024-6	18025	18025-6
Ball	18026	18026-6	18027	18027-6	18028	18028-6
Cylinder	18029	18029-6	18030	18030-6	18031	18031-6
Elliptical	18032	18032-6	18033	18033-6	18034	18034-6
Slicer	18035	18035-6	18036	18036-6	18037	18037-6



Group II - Complete Assortment				
QUANTITY	GRIT	SHANK DIAMETER	SHANK LENGTH	STOCK NUMBER
5	180	3/32"	1 3/4"	18050
5	600	3/32"	1 3/4"	18055

Group III - Complete Assortment				
QUANTITY	GRIT	SHANK DIAMETER	SHANK LENGTH	STOCK NUMBER
5	180	1/8"	1 3/4"	18070
5	600	1/8"	1 3/4"	18075

Group II - Shaped Diamond Burs				
BUR SHAPE	STOCK NUMBER			
	180 GRIT		600 GRIT	
	1/PACK	6/PACK	1/PACK	6/PACK
Cylinder	18040	18040-6	18041	18041-6
Cone	18042	18042-6	18043	18043-6
Ball	18044	18044-6	18045	18045-6
Inv. Cone	18046	18046-6	18047	18047-6
Flame	18048	18048-6	18049	18049-6

Group III - Shaped Diamond Burs				
BUR SHAPE	STOCK NUMBER			
	180 GRIT		600 GRIT	
	1/PACK	6/PACK	1/PACK	6/PACK
Cylinder	18060	18060-6	18061	18061-6
Button	18062	18062-6	18063	18063-6
Cone	18064	18064-6	18065	18065-6
Ball	18066	18066-6	18067	18067-6
Curved Ball	18068	18068-6	18069	18069-6

DRILLING & GRINDING TOOLS

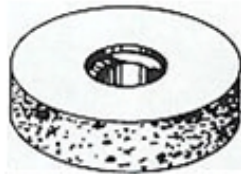
ROUNDEDGE WHEELS

ROUNDEDGE DIAMOND WHEELS are an ideal radius wheel for contour grinding and carving. Shanks are 1/8" diameter; heat treated steel, bonded with 180 grit diamond across the full cutting face and periphery.



Roundedge Diamond Wheels			
GRIT	FACE DIAMETER	SHANK DIAMETER	STOCK NUMBER
180	3/8"	1/8"	18080
180	1/2"	1/8"	18085
180	3/4"	1/8"	18090
Kit: 1 of each diameter			18095

DIAMOND MINI-WHEELS



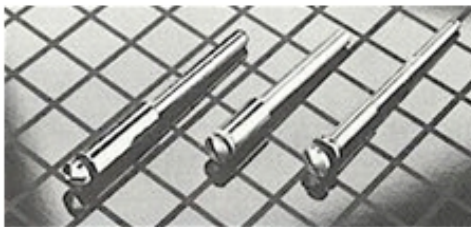
THESE MINIATURE DIAMOND grinding wheels are designed for mandrel mounting and fit any flexible shaft motorized tool. Diamond crystals are nickel plated around the periphery of these solid steel bodies. They are available in three (3) diameter sizes -1", 1/4" and 1/2" and in four grit sizes.

Diamond Mini-Wheels			
STOCK NUMBER			
GRIT SIZE	1" DIAMETER	3/4" DIAMETER	1/2" DIAMETER
80	18171	18172	18173
180	18174	18175	18176
360	18177	18178	18179
600	18180	18181	18182

DIAMOND MINI-WHEEL VARIETY KITS

SPECIAL SAVINGS ARE available when Mini-Wheels are purchased in three (3) standard diamond grits:

- 1" Mini-Wheel Kit**
(1 each 180, 360, & 600 grit)
STOCK NUMBER.....18190
- 3/4" Mini-Wheel Kit**
(1 each 180, 360, & 600 grit)
STOCK NUMBER.....18195
- 1/2" Mini-Wheel Kit**
(1 each 180, 360, & 600 grit)
STOCK NUMBER.....18200

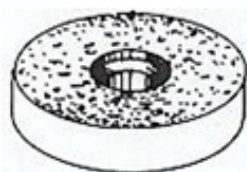


MANDRELS FOR MINI-WHEELS

Mandrels for Mini-Wheels			
DIAMETER	ARBOR HOLE	SPECIFIED THICKNESS	RECOMMENDED MANDREL
1"	1/8"	1/4"	12172
3/4"	1/8"	1/4"	12172
1/2"	1/16"	1/4"	12171



DIAMOND GRITTERS



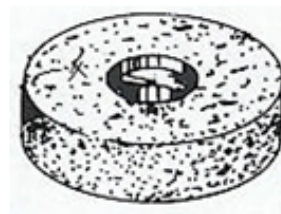
Diamond Gritters

GRIT	DIAMETER	ARBOR SIZE	STOCK NUMBER
80	1"	1/8"	18300
180	1"	1/8"	18305
360	1"	1/8"	18310
600	1"	1/8"	18315

A DANDY TOOL THAT COMES in handy for the quick grind or pre-polish. Diamond crystals are bonded onto the top of 1" diameter solid steel 1/4" thick wafers. The 1/8" Harbor holes are counter-bored to 1/8" Harbor holes are counter-bored to allow the mandrel screw heads to lock in below the grinding surface; allowing you to use the entire grinding face without obstruction. These diamond gritters can be used with any flexible shaft motorized tool. They are available in four (4) diamond grit sizes.

DIAMOND MINI-GRITTERS

THIS VERSATILE DIAMOND TOOL, a combination of a "Gritter" and a "Mini-Wheel," has diamond crystals bonded around the periphery as well as on the top face. These Diamond Mini Gritters are solid steel wafers 1/4" thick, 1" diameter, with 1/8" arbor hole. Four (4) diamond grit sizes are available.

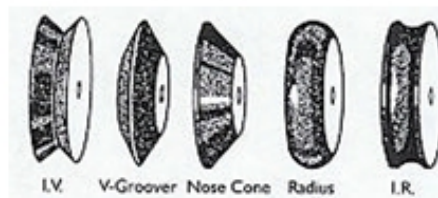


Diamond Mini Gritters

GRIT	DIAMETER	ARBOR SIZE	STOCK NUMBER
80	1"	1/8"	18400
180	1"	1/8"	18405
360	1"	1/8"	18410
600	1"	1/8"	18415

SHAPED DIAMOND MINI-WHEELS

FIVE DIFFERENT GEOMETRIES are available in three popular grit sizes. All shapes are 1" diameter, 1/4" thick with 1/8" arbor hole. These cutters are designed to be mandrel mounted.



Shaped Diamond Mini Wheels

WHEEL SHAPE	STOCK NUMBER		
V-Groover	18120	18121	18122
Nose Cone	18123	18124	18125
Radius	18126	18127	18128
I.V.	18129	18130	18131
I.R.	18132	18133	18134

Assortment Packages offer added value. Packages containing all shapes in each of the three grit sizes are available.

Mini Wheel Complete Assortment			
QUANTITY	GRIT	STOCK NUMBER	
5	180	18140	
5	325	18145	
5	600	18150	
1/8" Mandrel		12172	

TRIMMING & SHAPING TOOLS

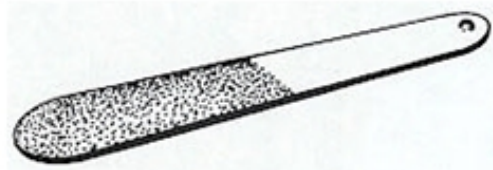
DIAMOND FLAT FILES

USED FOR TRIMMING STONE or for making minor repairs, these diamond (1 each: 360 & 600 grit) hand files are 4" long, 7/16" wide, and have a 2" long working surface, on one face.

(1 each: 360 & 600 grit)
STOCK NUMBER.....18520

File Kit #2 - 3 Files
 (1 each: 180, 360 & 600 grit)
STOCK NUMBER.....18525

Diamond Flat Files		
GRIT	LENGTH	STOCK NUMBER
180	4"	18500
360	4"	18505
600	4"	18510
1200	4"	18515



DIAMOND NEEDLE FILES

DIAMOND NEEDLE FILES are 5 1/2" OAL with knurled handles. The diamond length is 2 1/2" long and coated around the entire working surface.

File Kit #1 - 2 Files

Needle File Kit #1 - 3 Files

(1 each shape: round, half-round, & equalling)

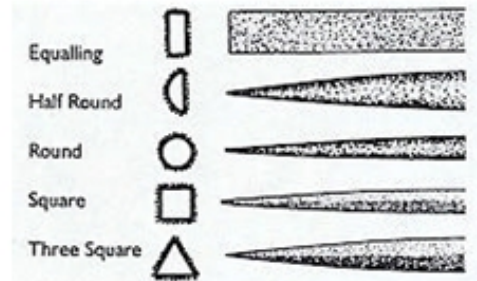
Needle File Kit #1		
QUANTITY	MESH	STOCK NUMBER
3	180	18825
3	360	18830
3	600	18835

Diamond Needle Files					
DESCRIPTION	STOCK NUMBER				
	100	180	220	360	600
DESCRIPTION	GRIT	GRIT	GRIT	GRIT	GRIT
Equalling	18700	18705	18710	18715	18720
Half Round	18725	18730	18735	18740	18745
Round	18750	18755	18760	18765	18770
Square	18775	18780	18785	18790	18795
Three Square	18800	18805	18810	18815	18820

Needle File Kit #2 - 5 Files

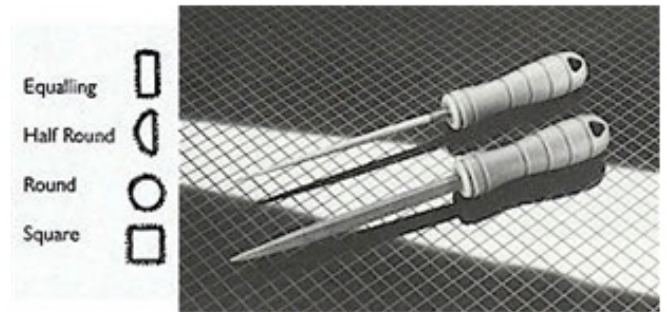
(1 each shape: round, half-round, equalling square, & three square)

Needle File Kit #2		
QUANTITY	MESH	STOCK NUMBER
5	180	18840
5	360	18845
5	600	18850



DIAMOND HAND FILES (RASPS)

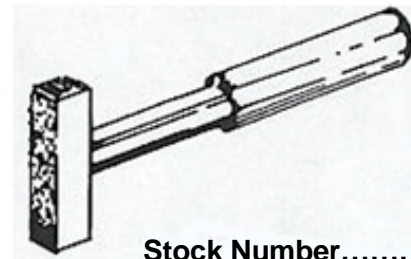
THESE 6" DIAMOND HAND FILES have a 4 1/2" abrasive section with complete wrap around. Wooden handles are included. All files are available in CBN abrasive upon request.



Diamond Hand Files (Rasps)				
DESCRIPTION	STOCK NUMBER			
	30 GRIT	60 GRIT	100 GRIT	220 GRIT
Equalling	18900	18905	18910	18915
Half Round	18920	18925	18930	18935
Round	18940	18945	18950	18955
Three Square	18960	18965	18970	18975

DIAMOND T-BAR DRESSER

TAKE OUT BUMPS AND make wheels run true again with Lapcraft's quality diamond T-Bar Dresser. This tool is used for dressing conventional wheels restoring cutting action to the abrasive surface.



Stock Number.....18990

The dresser head has a full 1-5/8" wide diamond surface loaded with high-impact strength diamond crystals nickel bonded to a solid steel bar. The handle is made of solid aluminum.

DIAMOND WIRE LINEAR BLADE

LAPCRAFT'S DIAMOND WIRE BLADES are high strength wire blades bonded with a continuous, uninterrupted surface of diamond crystals. OAL is 5" and the centrally located abrasive length is 3-3/4".



Diamond Wire Linear Blades			
KERF	WIRE SIZE	GRIT SIZE	STOCK NUMBER
.040"	.028"	100	12175
.030"	.026"	180	12180

WORKSHOP EQUIPMENT & MACHINES



THE STONEHOG™ LAPIDARY WORKSHOP

LAPCRAFT'S STONE HOG™ is an all-diamond, complete lapidary workshop. One machine that does it all: cutting, trimming, grinding, smoothing and polishing. It's clean, it's fast, it's portable and it's affordable.

Quality throughout, the Stone Hog™ is built of sturdy cast aluminum and powered by a full 1/4" HP totally enclosed fan-cooled motor. It's beefy 5/8" arbor runs at 1725 RPM. The portability is great; it only needs a 10" x 17" space and weighs just 25 lbs.

The set-up includes everything needed to do all operations. Changing functions is quick and easy

The complete Stone Hog™ includes:

The complete Stone Hog™ includes:

- 1 - 6" x 1 1/2" 100 grit Diamond Wheel
- 1 - 6" x 1 1/2" 600 grit Diamond Wheel
- 1 - 6" Dia-Laser Diamond Blade
- 1 - Wheel Wetter™
- 3 - 6" Micro-Tex Polishing Pads
- 2 - 6" Poly-Tex Polishing Pads
- 3 - 6" Poly Discs
- 1 - Maxi-Mite 6 Step Diamond Compound Polishing Kit
- 1 - Dop Wax
- 1 - Dop Stick
- 1 - Big Eye Magnifier Lamp

STOCK NUMBER.....22000





L'ILTRIMMER™

LAPCRAFT'S TRIM SAW, the L'il Trimmer™ is a rugged 'little devil' that has developed a reputation over the years as one of the most dependable trim saws on the market. We have received numerous compliments from users around the globe.

Lapcraft's L'il Trimmer™ is constructed of all cast aluminum. It runs fast and quiet, it's light and portable, and it's easy to clean and maintain. You add coolant by simply raising the saw table.

L'il Trimmer™ takes either a 4" or 5" diamond blade. Use with a Dia-Laser™ diamond blade and you have an unbeatable combination. Choose the model that best meets your needs. Shipping weight is 15 lbs.

Standard Model - comes complete with 4" Dia-Laser™ diamond saw blade & 8 oz. bottle of Tool Cool™.

STOCK NUMBER.....22005

WORKSHOP EQUIPMENT & MACHINES



TOOLCOOL™

LAPCRAFT'S **TOOL COOL™** concentrate is a special formula water soluble coolant that gives longer life to diamond wheels, discs, and all other diamond tools; keeps equipment from rusting as well. Tool Cool™ is available in 8 oz. and 1 gallon bottles. Mix 8 oz. of Tool Cool' with 1 gallon of water.

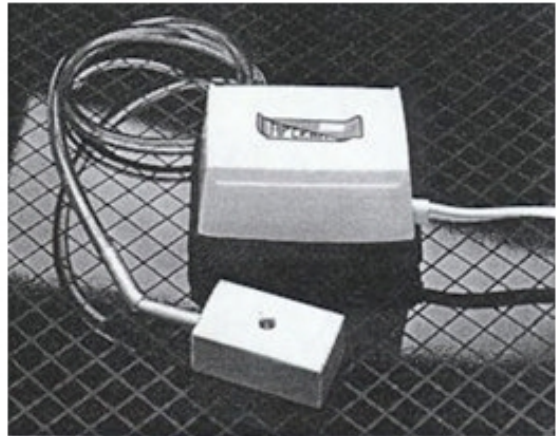
8 oz. Bottle of Tool Cool™
STOCK NUMBER.....22015

1 gallon Bottle of Tool Cool™
STOCK NUMBER.....22020

WHEEL WETTER™

THE WHEEL WETTER™ IS A CLEAN quick, and economical coolant system for your grinding machine. Simply submerge the solid aluminum pulsator in your coolant trough and *PRESTO*, your wheel gets wet and cooled.

Wheel Wetter
STOCK NUMBER.....22025



QUALITY DIAMOND & CBN TOOLS



Lapcraft, Inc.
195 West Olentangy Street
Powell, OH 43065 USA
Tel. 614-764-8993
Fax 614-764-1860
www.Lapcraft.com