

# Creative Gems 2005 Catalog Table of Contents

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## 2005 Show Schedule







**Fire Opal** **FO-200** **\$ 6.00/ct.**

Same as FO-100, except sizes 7.5 cts. to 14 cts.

**Opalite** **OL-500** **\$ .30/ct.**

A beautiful chatoyant material from Tanzania. This is opal and cuts the same. When cut it will give you a fantastic cat's-eye. A MUST FOR CABBERS

### **Peridot**

Cutting angles:	Pavilion 42 degrees, Crown 41 degrees
Critical angle:	37 degrees
Refractive index:	1.67
Hardness:	6.5 – 7
Polishing:	Linde A on a Tin or Batt Lap

**Arizona Peridot** **APD-100** **\$ 2.50/ct.**

This material is a very nice apple green color. All pieces are eye-clean. Sizes 3 cts. to 7 cts.

**Arizona Peridot** **APD-200** **\$ 5.00/ct.**

Same as APD-100, except sizes 10 cts. to 12 cts.

**Pakistan Peridot** **PPD-300** **\$ 4.00/ct.**

A rich vibrant green, that will give you an exceptionally bright stone. Pieces are eye-clean. Sizes 4 cts. to 10 cts.

### **Quartz**

Cutting angles:	Pavilion 43 degrees, Crown 42 degrees.
Critical angle:	40 degrees
Refractive index:	1.55
Hardness:	7
Polishing:	Cerium Oxide

**Bolivian Amethyst** **BOA-200** **\$ .75/ct.**

Medium to medium-dark in color. The pieces are chunky and have been shaved clean. Sizes 15 cts. to 30 cts.







**Spinel**

**SPM-100**

**\$ 14.00/ct.**

Morogoro spinel is a bright pink in color. All stones are eye-clean and well-shaped. Sizes 3 cts. to 8 cts.

**Sunstones**

This material is a Feldspar that comes from Oregon. Typically it is clear to straw color with a red or green center. The most common is a Schiller, which has the appearance of a pink or copper colored glitter. If you are a collector, this is a material that you must own.

Cutting Angles:	Pavillion 44 ddegrees, Crown 42 degrees
Critical Angle:	41 degrees
Refractive Index:	1.52 to 1.58
Hardness:	6 – 6.5
Polishing:	Cerium Oxide Ultralap

**Sunstone Schiller**

**SUN-100**

**\$ 1.00/ct.**

Great for cabbing, carving and faceting. All pieces are eye-clean. Sizes 10 to 40 cts.

**Sunstone**

**SUN-200**

**\$ 5.00/ct.**

These are the red centers. Sizes 2 to 7 cts.

**Sunstone**

**SUN-300**

**\$ 6.00/ct.**

Dark reddish-pink centers. Sizes 10 to 30 cts.

**Sunstone**

**SUN-400**

**\$ 8.00/ct.**

Deep red centers. Sizes 10 to 30 cts.

**Sunstone**

**SUN-500**

**\$ 8.00/ct.**

Multi-colored centers. Sizes 10 to 30 cts.











<b>Tourmaline Green</b>	<b>LG-107</b>	<b>\$ .10/ct.</b>
Resembles a nice green Tourmaline.		
<b>Mellow Yellow</b>	<b>LG-109</b>	<b>\$ .10/ct.</b>
Yellow-amber color.		
<b>Cobalt Blue</b>	<b>LG-111</b>	<b>\$ .10/ct.</b>
Dark blue-purple color, and is best in 12mm or smaller stones.		
<b>Dark Champagne</b>	<b>LG-112</b>	<b>\$ .10/ct.</b>
Resembles a nice Smokey Quartz.		
<b>Candy Apple Red</b>	<b>LG-113</b>	<b>\$ .10/ct.</b>
Just as the name implies, this material is a bright red.		
<b>Mint Green</b>	<b>LG-115</b>	<b>\$ .10/ct.</b>
Rich, dark Tsavorite color.		
<b>Sunburst Orange</b>	<b>LG-117</b>	<b>\$ .10/ct.</b>
A very bright orange.		
<b>Cherry Opal</b>	<b>LG-118</b>	<b>\$ .10/ct.</b>
This material resembles the finest Cherry Opal.		
<b>Aqua</b>	<b>LG-119</b>	<b>\$ .10/ct.</b>
Nice Aquamarine color.		
<b>Teal-Blue</b>	<b>LG-120</b>	<b>\$ .10/ct.</b>
Beautiful Teal-Blue, that produces a pretty stone if cut in 14mm or less.		
<b>Medium Aqua</b>	<b>LG-121</b>	<b>\$ .10/ct.</b>
This is a very rich Aquamarine color. 9mm thick.		



## Laser Gem Parcel Special

We would like to introduce facetors to this incredible material. We are offering twelve of the most popular colors. Approximately fifty (50) carats of each, 600 carats of Laser Gem material, that normally cost \$60.00. We offer it to you for \$50.00, a \$10.00 savings. NO EXCHANGE OF COLORS.

<b>Laser Gem Parcel</b>	<b>LGP-100</b>	<b>\$ 50.00</b>
Tourmalike	LG-101	
Alexandrium	LG-102	
Lemon Yellow	LG-103	
Laser Blue	LG-104	
Emerald Green	LG-105	
Dark Champagne	LG-112	
Candy Apple Red	LG-113	
Laser Aqua	LG-119	
Golden Citrine	LG-122	
Laser Pink Rose	LG-125	
Magenta	LG-126	
Spring Mint	LG-128	

## Jewel-Lite

A silica-based material, manufactured in China. This will cut very brilliant gemstones due to its high refractive index. Pieces are blocky. A 13mm square is approximately 50 cts. Heat sensitive.

Cutting angles:	Pavilion 41-43 degrees, Crown 35 degrees
Critical angle:	28 degrees
Refractive index:	1.9 – 2.1
Hardness:	6 – 6.5
Polishing:	Spectra Ultralap or Cerium Oxide

<b>Jewel-Lite Pink</b>	<b>JL-101</b>	<b>\$ .07/ct.</b>
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Bright, brilliant pink.

<b>Jewel-Lite Violet</b>	<b>JL-102</b>	<b>\$ .07/ct.</b>
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Deep Violet-Purple.

<b>Jewel-Lite Sapphire Blue</b>	<b>JL-103</b>	<b>\$ .07/ct.</b>
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True dark Sapphire color. Best in stones 10mm or less.

<b>Jewel-Lite Blue Topaz</b>	<b>JL-104</b>	<b>\$ .07/ct.</b>
Medium blue, resembles a nice dark sky blue Topaz.		
<b>Jewel-Lite Emerald Green</b>	<b>JL-105</b>	<b>\$ .07/ct.</b>
Dark Emerald Green. Best in stones 12mm or less.		
<b>Jewel –Lite Golden Topaz</b>	<b>JL-106</b>	<b>\$ .07/ct.</b>
Rich Golden color like a fine Topaz.		
<b>Jewel-Lite Peridot</b>	<b>JL-107</b>	<b>\$ .07/ct.</b>
Resembles a very nice Peridot.		
<b>Jewel-Lite Lime Green</b>	<b>JL-108</b>	<b>\$ .07/ct.</b>
Nice lime color.		
<b>Jewel-Lite Tanzanite</b>	<b>JL-109</b>	<b>\$ .07/ct.</b>
Resembles the finest natural Tanzani.		
<b>Jewel-Lite Yellow</b>	<b>JL-114</b>	<b>\$ .07/ct.</b>
Resembles a yellow diamond.		
<b>Jewel-Lite Flamingo Pink</b>	<b>JL-116</b>	<b>\$ .07/ct.</b>
Rich Pink with a slight lavender overtone.		
<b>Jewel-Lite Magenta</b>	<b>JL-117</b>	<b>\$ .07/ct.</b>
Rich Purple-Red color.		

## Cubic Zirconia

The skull-melt technique is used for growing Cubic Zirconia. The material comes out of the crucible, in large crystal clusters, therefore the pieces are irregular crystal shapes.

Cutting angles:	Pavilion 41 degrees, Crown 35 degrees
Critical angle:	28 degrees
Refractive index:	2.2
Hardness:	8.5
Polishing:	Last Lap with 50,000, Batt Lap with 50,000 Ceramic Lap with 50,000 or 14,000 on Tin Lap

**Diamond White (Clear) CZ-100 \$ .05/ct.**

This is a brilliant Diamond substitute.

## Colored Cubic Zirconia

**Ruby Red CZ-101 \$ .07/ct.**

Medium to dark ruby red color.

**Apricot CZ-102 \$ .07/ct.**

Brilliant, bright orange to red-orange color.

**Salmon Pink CZ-103 \$ .07/ct.**

Hot pink color with a touch of orange.

**Pink CZ-104 \$ .07/ct.**

Medium pink, Kunzite color.

**Gold CZ-106 \$ .07/ct.**

Deep golden-orange.

**Amethyst CZ-107 \$ .07/ct.**

True Amethyst color, with a red flash.

<b>Canary Yellow</b>	<b>CZ-108</b>	<b>\$ .07/ct.</b>
Bright golden canary-yellow color.		
<b>Lavender</b>	<b>CZ-109</b>	<b>\$ .07/ct.</b>
Beautiful color-change material. Pink in incandescent light, blue in fluorescent light.		
<b>Yellow</b>	<b>CZ-110</b>	<b>\$ .07/ct.</b>
Nice medium yellow color.		
<b>Super Amethyst</b>	<b>CZ-111</b>	<b>\$ .07/ct.</b>
This is a deep electric blue-purple color.		
<b>Champagne</b>	<b>CZ-112</b>	<b>\$ .07/ct.</b>
Light peach color.		
<b>Morganite</b>	<b>CZ-114</b>	<b>\$ .07/ct.</b>
Darker peach color.		
<b>Amber</b>	<b>CZ-115</b>	<b>\$ .07/ct.</b>
Orange with a touch of yellow.		
<b>Light Lavender</b>	<b>CZ-119</b>	<b>\$ .07/ct.</b>
Lighter than our lavender, with a color-change.		
<b>Chrysoberyl</b>	<b>CZ-120</b>	<b>\$ .07/ct.</b>
A nice light yellow-green.		
<b>Purple Rose</b>	<b>CZ-301</b>	<b>\$ .07/ct.</b>
A medium purple color.		
<b>Pale Champagne</b>	<b>CZ-302</b>	<b>\$ .07/ct.</b>
A very light champagne color.		

<b>Sherry Topaz</b>	<b>CZ-303</b>	<b>\$ .07/ct.</b>
Reddish champagne color.		
<b>Violet</b>	<b>CZ-304</b>	<b>\$ .07/ct.</b>
A nice medium blue-purple.		
<b>Rose D` France</b>	<b>CZ-305</b>	<b>\$ .07/ct.</b>
A very light amethyst color.		
<b>Lime Green</b>	<b>CZ-400</b>	<b>\$ .07/ct.</b>
A bright lime green.		
<b>Peridot</b>	<b>CZ-401</b>	<b>\$ .07/ct.</b>
Nice peridot color.		

### **Color-Change and Special Colored Cubic Zirconia**

<b>Golden-Green</b>	<b>CZ-600</b>	<b>\$ .12/ct.</b>
Changes from gold to green. Fantastic color-change.		
<b>Andaluscite</b>	<b>CZ-602</b>	<b>\$ .12/ct.</b>
Great color-change. Changes from a nice pink-beige in incandescent light, to a very nice green in fluorescent light.		
<b>Lemon-Lime</b>	<b>CZ-603</b>	<b>\$ .12/ct.</b>
"Color-change". Changes from lemon-yellow in incandescent light, to a lime green in fluorescent light.		
<b>Canary-Green</b>	<b>CZ-606</b>	<b>\$ .12/ct.</b>
"Color-Change". Changes from bright yellow in incandescent light, to a bright green in fluorescent light.		



**Turquoise** **CZX-510** **\$ .16/ct.**

Green with a hint of blue.

**Tsavorite** **CZX-511** **\$ .16/ct.**

Resembles a nice natural tsavorite. Not over 75 ct. pieces.

### **Cubic Zirconia Parcel Specials**

We are offering 800 carats of colored CZ to you at a special price of \$50.00, a savings of \$6.00. Approximately 100 cts. Each color. NO EXCHANGE OF COLORS.

**Cubic Zirconia Parcel** **CZP-100** **\$ 50.00**

Ruby Red	CZ-101
Apricot	CZ-102
Salmon Pink	CZ-103
Amethyst	CZ-107
Canary Yellow	CZ-108
Lavender	CZ-109
Sherry Topaz	CZ-303
Chrysoberyl	CZ-120

### **CZ Kilo Special**

Looking for that real big bargain? Look no further. This is the same great material we always have in stock. The only difference is size. Will finish stones up to 10 mm. 5,000 cts. = 1 Kilo.

<b>Regular Colors Mix</b>	<b>\$ 50.00/Kilo</b>
<b>Color-Change Mix</b>	<b>\$ 70.00/Kilo</b>
<b>CZX Colors Mix</b>	<b>\$110.00/Kilo</b>

## YAG (Yttrium-Aluminum Garnet)

This is one of the finest synthetic materials produced.

Cutting angles:	Pavilion 41 degrees, Crown 38 degrees
Critical angle	30 degrees
Refractive index:	1.83
Hardness:	8.5
Polishing:	Ceramic or Batt Lap with 50,000

<b>Emerald Green</b>	<b>YG-101</b>	<b>\$ .40/ct.</b>
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True emerald green color. This is U.S.A. material.

<b>Tanzanite</b>	<b>YG-102</b>	<b>\$ .30/ct.</b>
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True Tanzanite color.

<b>Flourescent Yellow</b>	<b>YG-103</b>	<b>\$ .25/ct.</b>
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Vivid bright yellow.

<b>Lavender</b>	<b>YG-300</b>	<b>\$ .15/ct.</b>
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Light lavender, a color-change, from pink to blue.

## Synthetic Corundum Flame-Fusion

This Corundum comes in split boules, this is done by the manufacturer, to relieve strain. They are grown by the flame-fusion method. The boules are approximately 125 to 250 cts.

Cutting angles:	Pavilion 42 degrees, Crown 40 degrees
Critical angle:	34 degrees
Refractive index:	1.76
Hardness:	9
Polishing:	Ceramic or Batt Lap with 50,000

<b>Light Ruby Rose</b>	<b>SC-0</b>	<b>\$ .12/ct.</b>
<b>Ruby Rose</b>	<b>SC-1</b>	<b>\$ .12/ct.</b>
<b>Ruby Topaz Dark Rose</b>	<b>SC-2</b>	<b>\$ .12/ct.</b>
<b>Medium Ruby Rose</b>	<b>SC-4</b>	<b>\$ .12/ct.</b>
<b>Deep Ruby Red</b>	<b>SC-5</b>	<b>\$ .12/ct.</b>

Garnet Red	SC-8	\$ .17/ct.
Sapphire White	SC-12	\$ .12/ct.
Sapphire Orange	SC-19	\$ .14/ct.
Sapphire Lemon Yellow	SC-20	\$ .14/ct.
Sapphire Gold Yellow	SC-21	\$ .14/ct.
Sapphire Orange Yellow	SC-22	\$ .14/ct.
India Blue	SC-30	\$ .17/ct.
Ceylon Blue	SC-32	\$ .17/ct.
Sapphire Kashmir Blue	SC-33	\$ .17/ct.
Burma Blue	SC-35	\$ .22/ct.
Alexandrite Reddish	SC-46	\$ .12/ct.
Alexandrite Greenish	SC-47	\$ .14/ct.
Padparadshah	SC-55	\$ .14/ct.
Oriental Padparadshah	SC-57	\$ .14/ct.
Golden Ruby	SC-59	\$ .14/ct.
Deep Tanzanite	SC-60	\$ .22/ct.
Kunzite (Blue-Purple)	SC-61	\$ .14/ct.
Purple Sapphire	SC-65	\$ .14/ct.
Raspberry	SC-67	\$ .12/ct.
Djeva Green	SC-78	\$ .85/ct.
Olivine	SC-80	\$ .85/ct.

Note: All blue flame-fusion synthetic corundum split boules are light in the center and must be oriented for color.

### Czochralski Method

This is synthetic corundum made by the Czochralski method, which is pulled crystals. This is a more expensive process, but the crystals don't have to be split, therefore allowing you to cut larger stones.

<b>Clear Sapphire</b>	<b>WS-100</b>	<b>\$ .15/ct.</b>
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Resembles a diamond.

<b>Laser Ruby Pink</b>	<b>LR-100</b>	<b>\$ .25/ct.</b>
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Dark Pink.

<b>Cranberry Sapphire "Dark"</b>	<b>CS-200</b>	<b>\$ 1.60/ct.</b>
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Deep dark cranberry color, even in small stones.



<b>Emerald Green (pale green)</b>	<b>SS-136</b>	<b>\$ .12/ct.</b>
<b>Tanzanite</b>	<b>SS-200</b>	<b>\$ .12/ct.</b>

### Synthetic Quartz

This material is hydrothermally produced and is identical to Natural Quartz.

Cutting angles:	Pavilion 43 degrees, Crown 42 degrees
Critical angle:	40 degrees
Refractive index:	1.55
Hardness:	7
Polishing:	Cerium Oxide

<b>Clear Quartz Bar</b>	<b>CQ-100</b>	<b>\$6.00 ea.</b>
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Bars are 6" to 8" long and ½" to ¾" wide.

<b>Clear Quartz Bar</b>	<b>CQ-200</b>	<b>\$45.00 ea.</b>
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Bars are 6" to 8" long and 2" to 2 ½" wide.

### Synthetic Colored Quartz

The seed has been removed from this material. Depth is 10mm to 15 mm.

<b>Siberian Blue</b>	<b>SQ-101</b>	<b>\$ .08/ct.</b>
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Dark electric blue color.

<b>Green</b>	<b>SQ-102</b>	<b>\$ .08/ct.</b>
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Dark green, resembles a Tourmaline.

<b>Citrine</b>	<b>SQ-103</b>	<b>\$ .08/ct.</b>
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Light to medium yellow Citrine.

<b>Red-Orange</b>	<b>SQ-104</b>	<b>\$ .08/ct.</b>
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Dark orange Citrine color.

<b>Sky Blue</b>	<b>SQ-106</b>	<b>\$ .08/ct.</b>
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A nice light blue.

**Russian Amethyst**

**RA-100**

**\$ .15/ct.**

This material has the finest dark Amethyst color with a touch of red.

### **Strontium Titanate**

This material is created by the flame-fusion method and is one of the most brilliant of the synthetics.

Cutting angles:	Pavilion 40 degrees, Crown 35 degrees
Critical angle:	25 degrees
Refractive index:	2.41
Hardness:	6
Polishing:	Tin or Batt Lap with Linde A. Run lap very slow.

**Yellow Strontium Titanate**

**ST-201**

**\$ 1.00/ct.**

Yellow to golden color.

### **Synthetic Rutile**

This was one of the first to imitate a diamond and has the highest dispersion at .28 of any stone. Here is your chance to cut one of the most incredible of all the synthetics. The material is very heavy and must be oriented. The color has a hint of yellow.

Cutting angles:	Pavilion 40 degrees, Crown 33 degrees.
Critical angle:	22 degrees
Refractive index:	2.61 to 2.90
Hardness:	6
Polishing:	Phenolic Lap with 50,000

**Rutile**

**RT-200**

**\$ 3.50/ct.**

## Russian Synthetic Alexandrite

This material is made in Russia and has a strong color-change, reddish-purple in incandescent light to an intense bluish-green in daylight or fluorescent light. This is the best of the Synthetic Alexandrite. Must be oriented. 3 ct. minimum.

Cutting angles:	Pavilion 42 degrees, Crown 40 degrees
Critical angle:	35 degrees
Refractive index:	1.75
Hardness:	8.5
Polishing:	Ceramic or Batt Lap with 50,000

**Russian Synthetic Alexandrite**                      **RSA-200**                      **\$ 4.00/ct.**

## Synthetic Emerald

This material is the result of hydrothermal crystallization. The material is so much like the natural that it takes special tests to determine the difference. All material is "A" quality to equal the finest Emerald. All seed has been removed, the depth is 5mm to 8mm. Must be oriented. 2 ct. minimum.

Cutting angles:	Pavilion 43 degrees, Crown 42 degrees
Critical angle:	39 degrees
Refractive index:	1.57
Hardness:	7.5
Polishing:	Cerium Oxide

**Russian Synthetic Emerald**                      **SRE-300**                      **\$ 5.00/ct.**

## Gilson Lab Grown Opal

The finest lab grown opal on the market. This material has all the qualities of the finest natural White and Black Opal, but without all the special care. We have in stock a wide range of sizes in White and Black. NOTICE! We do not cut to size and this will be the last of this material.

### Gilson

**Gilson White**                      **GAW-500**                      **\$ 7.00/ct.**

This is faceting and cabbing material.

**Gilson Black**                      **GAB-600**                      **\$ 7.00/ct.**

## Gilson "B"

This material has some type of imperfection, but will still produce fantastic stones. Priced right to try.

Gilson "B" White GBW-400

Gilson "B" Black GBB-500

1 – 14 cts.	\$4.00 per ct.
15 – 49 cts.	\$3.50 per ct.
50 – 149 cts.	\$2.75 per ct.
150 plus cts.	\$2.00 per ct.

## Equipment and Supplies

### Ultra Lap

This is a thin sheet of polyester plastic that has been pre-coated with different polishing compounds. The plain back laps are held to the Master Lap by water. This is the cleanest and easiest way to polish a faceted stone, of 7.5 hardness or less. Each package contains 5 sheets.

	<u>6"</u>	<u>Price</u>	<u>8"</u>	<u>Price</u>
Cerium Oxide	ULCO-6"	\$5.95	ULCO-8"	\$7.95
Aluminum Oxide	ULAO-6"	\$5.95	ULAO-8"	\$7.95
Tin Oxide	ULTO-6"	\$5.95	ULTO-8"	\$7.95
Chrome Oxide	ULCH-6"	\$5.95	ULCH-8"	\$7.95
Spectra	ULSP-6"	\$7.95	ULSP-8"	\$9.95

### Diamond Supreme Ultra Lap

The same type of plastic lap as the Ultra Lap, but these are coated with diamond. Each package contains 1 sheet.

<u>Mesh</u>	<u>6"</u>	<u>Price</u>	<u>8"</u>	<u>Price</u>
100,000 Mesh	DS1006	\$18.00	DS1008	\$22.50
50,000 Mesh	DS506	\$18.00	DS508	\$22.50
14,000 Mesh	DS146	\$18.00	DS148	\$22.50
8,000 Mesh	DS86	\$18.00	DS88	\$22.50
3,000 Mesh	DS36	\$18.00	DS38	\$22.50

## Crystalite

### Standard Disc

This disc is designed to exceed the most rigid requirements. The aluminum backs are ground flat and parallel to exacting standards. All discs are made with 100% diamond and bonded with a hard electroplated nickel. ½" arbor.

<u>Mesh</u>	<u>8"</u>	<u>Price</u>
100 Mesh	30-141	\$193.00
180 Mesh	30-143	\$128.00
260 Mesh	30-145	\$110.00
360 Mesh	30-147	\$103.00
600 Mesh	30-149	\$ 97.00
1200 Mesh	30-151	\$103.00
3000 Mesh	30-155	\$134.00

<u>Mesh</u>	<u>6"</u>	<u>Price</u>
100 Mesh	30-121	\$131.00
180 Mesh	30-123	\$101.00
260 Mesh	30-125	\$ 93.00
360 Mesh	30-127	\$ 87.00
600 Mesh	30-129	\$ 77.00
1200 Mesh	30-131	\$ 87.00
3000 Mesh	30-135	\$ 99.00

### Channel Disc

This disc has a uniquely shaped working surface of randomly interspaced islands. The channels flush away debris and prevents pull or suction of the stone to the lap. 8" lap ½" arbor

<u>Mesh</u>	<u>8"</u>	<u>Price</u>
180 Mesh	30-031	\$128.00
260 Mesh	30-033	\$111.00
360 Mesh	30-035	\$103.00

<u>Mesh</u>	<u>6"</u>	<u>Price</u>
180 Mesh	30-011	\$101.00
260 Mesh	30-013	\$ 93.00
360 Mesh	30-015	\$ 86.00

### Ripple Disc

This fast cutting 180 mesh disc cuts like a 60 mesh. The ripple disc is excellent for roughing and performing large stones. ½" arbor

180 Mesh	8"	30-055	\$128.00
180 Mesh	6"	30-053	\$101.00

### Master Lap

This lap is used as a base for other laps. The Master Lap is a die-cast aluminum alloy lap, that has not been charged. 1/2" arbor

8" Lap	31-023	\$26.00
6" Lap	31-021	\$21.00

### Tin Lap

This is a 1/8" thick rolled tin lap, bonded to a Master Lap. This lap will not develop orange peel and needs no scoring. 1/2" arbor

8" Lap	31-043	\$85.00
6" Lap	31-041	\$64.00

### Phenolic Lap

This precision surfaced universal lap is ideal for charging with diamond or compounds such as cerium and tin oxide. 1/2" arbor

8" Lap	31-033	\$42.00
6" Lap	31-031	\$31.00

### Ceramic Lap

Hard stones are polished easily with this lap and 50,000 mesh diamond spray. 1/2" arbor

8" Lap	31-067	\$150.00
6" Lap	31-065	\$120.00

### Last Lap

This lap is made of palletized metal bonded into an epoxy matrix, will resist grooving. This is a versatile polishing lap used with diamond slurry or compound. You can obtain a fast polish on quartz, corundum, tourmaline and topaz. 1/2" arbor

8" Lap	31-013	\$ 79.00
6" Lap	31-011	\$ 66.00

## Batt Laps

### Batt Lap (NEW TIN STANDARD)

A good solid, cast tin alloy prepolishing and polishing lap. This hard tin alloy allows the casting to be rigid enough to serve as a solid lap, without bonding to a baseplate, or being excessively heavy. It provides sharper meets and higher speeds than are possible with laminated laps, and does so without the use of toxic metals such as lead and cadmium.

8" Lap	BAT8	\$89.00
6" Lap	BAT6	\$69.00

## Redwing

### Redwing Lap

Copper outer band for Fast Flat Prepolish, Batt Lap inner disk for Fast, perfect polish.

8" Lap	RW8	\$135.00
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### Backing Plate

Molded composite discs with 1/2" arbor hole. For backing top plates.

8" Lap	12-025	\$20.00
6" Lap	12-019	\$15.00

## Creative Disc

### Creative Disc

Creative Discs are 1/16" solid steel plates, bonded with 100% top quality diamond. Available in 6" or 8" sizes with 1/2" arbor, in most standard grits. Easy to use. Place on Master lap and then tighten the nut to hold in place.

<u>MESH</u>	<u>8"</u>	<u>PRICE</u>
60 Mesh	CD-60-8	\$65.00
80 Mesh	CD-80-8	\$59.00
100 Mesh	CD-100-8	\$49.00
180 Mesh	CD-180-8	\$49.00
260 Mesh	CD-260-8	\$45.00
360 Mesh	CD-360-8	\$45.00

600 Mesh	CD-600-8	\$45.00
1200 Mesh	CD-1200-8	\$45.00
3000 Mesh	CD-3000-8	\$59.00

<u>MESH</u>	<u>6"</u>	<u>PRICE</u>
60 Mesh	CD-60-6	\$55.00
80 Mesh	CD-80-6	\$49.00
100 Mesh	CD-100-6	\$45.00
180 Mesh	CD-180-6	\$45.00
260 Mesh	CD-260-6	\$39.00
360 Mesh	CD-360-6	\$39.00
600 Mesh	CD-600-6	\$39.00
1200 Mesh	CD-1200-6	\$39.00
3000 Mesh	CD-3000-6	\$49.00

## Creative Laps

### Creative Lap

This is our Creative Disc attached to our Creative Master Lap.

<u>MESH</u>	<u>8"</u>	<u>PRICE</u>
60 Mesh	CL-60-8	\$85.00
80 Mesh	CL-80-8	\$79.00
100 Mesh	CL-100-8	\$69.00
180 Mesh	CL-180-8	\$69.00
260 Mesh	CL-260-8	\$65.00
360 Mesh	CL-360-8	\$65.00
600 Mesh	CL-600-8	\$65.00
1200 Mesh	CL-1200-8	\$65.00
3000 Mesh	CL-3000-8	\$79.00

<u>MESH</u>	<u>6"</u>	<u>PRICE</u>
60 Mesh	CL-60-6	\$71.00
80 Mesh	CL-80-6	\$65.00
100 Mesh	CL-100-6	\$61.00
180 Mesh	CL-180-6	\$61.00
260 Mesh	CL-260-6	\$55.00
360 Mesh	CL-360-6	\$55.00
600 Mesh	CL-600-6	\$55.00
1200 Mesh	CL-1200-6	\$55.00
3000 Mesh	CL-3000-6	\$65.00

## Crystalite Diamond Powder

The finest quality diamond, carefully graded. These powders are used to super-charge laps.

100,000 Mesh	5ct.	41-131	\$13.00
50,000 Mesh	5ct.	41-133	\$13.00
14,000 Mesh	5ct.	41-135	\$13.00
8,000 Mesh	5ct.	41-137	\$13.00
3,000 Mesh	5ct.	41-139	\$13.00
1,200 Mesh	5ct.	41-141	\$13.00
600 Mesh	5ct.	41-143	\$13.00
325 Mesh	5ct.	41-145	\$13.00
220 Mesh	5ct.	41-147	\$13.00
100 Mesh	5ct.	41-149	\$13.00

100,000 Mesh	1ct.	41-101	\$3.00
50,000 Mesh	1ct.	41-103	\$3.00
14,000 Mesh	1ct.	41-105	\$4.00
8,000 Mesh	1ct.	41-107	\$4.00
3,000 Mesh	1ct.	41-109	\$4.00
1,200 Mesh	1ct.	41-111	\$4.00
600 Mesh	1ct.	41-113	\$4.00
325 Mesh	1ct.	41-115	\$4.00
220 Mesh	1ct.	41-117	\$4.00
100 Mesh	1ct.	41-119	\$4.00

## Diamond Powder

100,000 Mesh	25ct.	100-25	\$30.00
50,000 Mesh	25ct.	50-25	\$30.00
14,000 Mesh	25ct.	14-25	\$30.00
8,000 Mesh	25ct.	80-25	\$30.00
3,000 Mesh	25ct.	30-25	\$30.00
1,200 Mesh	25ct.	12-25	\$30.00
600 Mesh	25ct.	60-25	\$30.00
325 Mesh	25ct.	325-25	\$30.00

## Polishing Powders

Linde A 1 oz.	7601	\$8.50
Cerium Oxide 4 oz.	7602	\$4.00
Tin Oxide 4 oz.	7603	\$6.00

## Crystalite Diamond Spray

Six full carats of diamond powder in a translucent pump spray container, free of fluorocarbons.

100,000 Mesh	41-251	\$20.00
50,000 Mesh	41-253	\$20.00
14,000 Mesh	41-255	\$20.00
8,000 Mesh	41-257	\$20.00
3,000 Mesh	41-259	\$20.00

## Graves Diamond Spray

A non-aerosol spray, made with one carat of DeBeers diamond. Weight 3 oz.

200,000 Mesh	18-169	\$8.50
100,000 Mesh	18-160	\$8.50
50,000 Mesh	18-161	\$8.50
14,000 Mesh	18-162	\$8.50
8,000 Mesh	18-163	\$9.95
3,000 Mesh	18-164	\$9.95
1,200 Mesh	18-165	\$9.95
600 Mesh	18-166	\$9.95

## Crystalube

This is a silicone oil fluid used during the polishing steps, acting as an extender fluid for diamond compounds.

2 oz.	42-303	\$5.00
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## Seattle Faceting Books

Volume 1 Oval	\$10.95
Volume 2 Navette/Marquise	\$10.95
Volume 3 Hearts & Pears	\$10.95
Volume 4 Cut Corner Rect./Emerald	\$10.95
Volume 5 Rounds	\$10.95
Volume 6 Barion	\$10.95
Volume 7 Antique Cushion	\$10.95
Introduction to Meetpoint	\$13.50
Complete Set (8 Books)	\$81.00

## Book of Gem Cuts

**Volume 1** **\$7.95**

Standard Brilliant, Emerald, 3 Modified Brilliants, Zircon, French Star, Double Star, Mickell 5 & 6 Ray Stars, Briolette, Double Rose, Diamond Shape, Triangular & 2 Jubilee cuts.

**Volume 2** **\$7.95**

Brilliant Briolette, Reverse, Brilliant Bead, Double Diamond, Portuguese, Mixed Cut, 2 Marquise, Step Cut Bead, Step Cut Heart & Brilliant Heart, Pendeloque, Bar Cut, Checker, Scissors, Zigzag, Skew, Step Cut Oval, Brilliant Oval & Cair Cut.

**Volume 3** **\$7.95**

Bicentennial 200, Birdcage, Billiant Cross, Devil's Triangle, Fairy Wand, Fantasy, High Twelve, Miser, Moonbeam, 9 Squares, Octabril, Pasha With A Twist, Pinwheel, San Francisco Pavillion, Smoky Beauty, Snowflake, Step Pendant, Sunburst, Switzer's Brilliant & Trapeze Twist.

**Volume 4** **\$7.95**

Rectagon, Lone Star, Square Dance, Mixed Cushion, Sensu, Combo, Fan Drop, David's Deep Star, Quadra-Brill, Star Bright, Square Shallow Simple, Brilliant Kite, 12 Triangle, Rectangle-408 & Heraldic.

**Complete Set (4 Books)** **\$28.95**

### Books

<b>Facet Cutters Handbook (Soukup)</b>	<b>\$ 4.50</b>
<b>Gems &amp; Precious Stones</b>	<b>\$16.00</b>
<b>Gemstones of the World</b>	<b>\$24.95</b>
<b>Original Designs by Charles Covill</b>	<b>\$30.00</b>
101 Designs	
<b>Original Designs by Charles Covill</b>	<b>\$25.00</b>
109 Designs	
<b>Star Series by Charles Covill</b>	<b>\$30.00</b>
245 Designs Loose Pages	
<b>Odd Mains by Charles Covill</b>	<b>\$22.00</b>
62 Designs	
<b>Tourmaline Crystal by Charles Covill</b>	<b>\$ 7.00</b>
16 Designs	
<b>12 Best Design Awards by Charles Covill</b>	<b>\$ 7.00</b>
12 Designs	

## Facetron Faceting Machine

This machine is a lapidary luxury because of its ease of operation, superior quality, and precision in cutting. The machine is on an oak base and includes transfer stand, 96 index gear, water tank, 45 degree table dop, target dop, dop wrenches and 15 assorted dops.

<b>Facetron Machine w/dial indicator</b>	<b>\$2,195.00</b>
<b>Accessories:</b>	
<b>Index Gears: (each)</b>	<b>\$38.50</b>
32,64,72,80,88,96,120, oval	
<b>Dops:</b>	
2mm,3mm,4mm,5mm,& ¼"	
<b>Flat, Cone, Vee (all brass) (each)</b>	<b>\$3.00</b>
3/8" & ½"	
<b>Flat, Cone, Vee (brass &amp; stainless) (each)</b>	<b>\$3.50</b>
5/8" & ¾"	
<b>Flat, Cone, Vee (brass &amp; stainless) (each)</b>	<b>\$3.75</b>
<b>Full set of 27 dops</b>	<b>\$82.00</b>
<b>Transfer fixture</b>	<b>\$77.00</b>

## Graves Accessories

This is an 8" machine made of hefty aluminum/magnesium alloy noted for its light weight, strength and corrosion resistance. Includes a flexible light, drip tank, set of 14 dops, transfer fixture, plastic tubing, girdle aligner and Fundamental Faceting book.

<b>Accessories</b>	
<b>Index Gears (each)</b>	<b>\$21.95</b>
32, 40, 48, 64, 72, 80, 96 & 120	
<b>Set of 7 Gears</b>	<b>\$129.95</b>
<b>Dops</b>	
1/16", 1/8", 3/16", ¼", 5/16", 3/8"	
½", 5/8" (each)	<b>\$2.95</b>
¾" & 1" (each)	<b>\$4.95</b>
<b>Full Set of 30 dops</b>	<b>\$77.95</b>
<b>Table Dop</b>	<b>\$18.95</b>

## Lapidary Saw

Ameritool 4" trim saw is the perfect machine for trimming out cabochon performs and valuable faceting material. The large 6"x10" table has no inhibiting lip making it easy to trim oversized slabs. The saw housing is made from unbreakable cross-linked polyethylene – No Rusting, No messy oil, uses water only. The ¼ HP equivalent variable speed ball bearing direct drive motor allows the saw to run fast enough to use ultra thin diamond blade and is powerful enough for sintered diamond blades. The removable table top makes clean-up quick and easy.

**4" Trim Saw With Blade**

**02-220**

**\$249.00**

## Saw Blades (Pro-Slicer)

Pro-Slicer is made of spring steel core, super tough nickel bond and maximum diamond concentration. Pro-Slicer cuts twice as fast as ordinary blades and will give you 10 to 15% more cuts.

4X.004X1/2"	\$26.00
4X.004X5/8"	\$26.00
4X.012X1/2"	\$26.00
4X.012X5/8"	\$26.00
5X.012X1/2"	\$32.00
5X.012X5/8"	\$32.00
6X.006X1/2"	\$32.00
6X.006X5/8"	\$32.00
6X.012X1/2"	\$32.00
6X.012X5/8"	\$32.00
6X.025X5/8"	\$36.00
10X.015X5/8"	\$64.00

## Sure Cut

Sure cut diamond bonded saw blades, with steel core. A great value.

### Sure Cut Blade

4X.008X1/2"	\$9.50
4X.008X5/8"	\$9.50
6X.010X1/2"	\$14.00
6X.010X5/8"	\$14.00

## Miscellaneous

80mm Sliding Brass Gauge	\$ 9.60 each
Alcohol Lamp	\$ 6.95 each
Dia-Cut Water Coolant	\$ 4.25 Pt.
Leeco Brown Doping Wax	\$ 5.95 pk. of 3
Transfer Fixture (2 Post)	\$17.95 each
Transfer Fixture (3Post)	\$22.95 each

## Famous Diamonds of the World

We now have in stock CZ and Laser Gem rough to cut replicas of the most famous diamonds. These pieces are not performs and due to the various shapes of the crystals you will sometimes have a small amount of overage.

<u>NAME</u>	<u>ROUGH SIZE</u>	<u>MATERIAL</u>
The Cullinan I	63x50x33	White CZ
The Cullinan II	49x45x28	White CZ
The Cullinan III	49x32x29	White CZ
The Cullinan IV	29 x29x18	White CZ
The Cullinan V	20x22x12	White CZ
The Cullinan VI	28x14x11	White CZ
The Cullinan VII	26x14x10	White CZ
The Cullinan VIII	19x15x11	White CZ
The Cullinan IX	16x13x9	White CZ
The De Young Red	13x13x13	Ruby Red CZ
The Dresden	33x24x14	Emerald Green Spinel Emerald Green Laser
The Dudley	31x25x17	White CZ
The Empress Eugene	26x23x18	White CZ
The English Dresden	37x31x24	White CZ

The Great Mogul	40x40x32	White CZ
The Hope	30x35x28	Blue CZX Laser Blue
The Jonker	38x35x28	White CZ
The Jubilee	47x40x27	White CZ
The Koh-i-Noor	44x36x27	White CZ
The Nassak	32x30x21	White CZ
The Pasha of Egypt	26x26x23	White CZ
The Pigott	35x30x21	White CZ
The Polar Star	24x22x19	White CZ
The Regent	34x32x23	White CZ
The Sancy	30x24x16	White CZ
The Star of South	39x33x24	White CZ
The Stewart	39x34x25	White CZ
The Tiffany	32x30x25	Canary Yellow CZ
The Victoria	43x33x26	White CZ

Price

White CZ	\$ .05/ct.
Colored CZ	\$ .07/ct.
CZX	\$ .16/ct.
Laser Gem	\$ .10/ct.
Spinel	\$ .12/ct.

Note: Weights vary on each individual piece. Cutting Diagrams are available on request.

## Creative Gems 2005 Show Schedule

4/22/05 – 4/24/05	Cessna Activity Center	Wichita, KS
7/27/05 – 7/31/05	Macon County Community Bldg.	Franklin, NC
8/27/05 – 8/28/05	Hereford University Center Campus of UTA	Arlington, TX
9/16/05 – 9/18/05	Merchandise Mart	Denver, CO
10/22/05 – 10/23/05	Coca-Cola Bricktown Event Ctr.	Oklahoma City, OK
12/02/05 – 12/04/05	Palmer Auditorium	Austin, TX
1/15/06 – 1/30/06	Tyson Wells SELL-A-RAMA (across the road in brown bldg., next to K-B Tools' tent)	Quartzite, AZ