



Diamonds and Gemstones 2014


STULLER

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2014



STULLER

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302 Rue Louis XIV

Lafayette, LA 70508 USA

Phone 337 262 7700

Stuller.com

When Stuller was founded in 1970, Matt Stuller set out to satisfy the customer. Today, 43 years later, that same vision holds true.

Stuller has been beside you over the years, growing product lines tailored to your needs and creating more ways to help you succeed. We have an extensive inventory that includes mountings, findings, diamonds, gemstones, bridal jewelry, tools, finished jewelry, packaging and displays. You are sure to find everything you need, every time.

Often, you need more than stylish products. So, we design sales aids for just this purpose. Use stuller.com to get real-time product information available 24/7. Enhancing your tried and true selling techniques with digital solutions is the new world of doing business.

Your success is our ultimate goal.



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ORDERING AND PRICING INFORMATION

Order Online at Stuller.com

Take advantage of quick and easy ordering and enjoy the following benefits:

- From any computer, tablet or mobile phone go to stuller.com/diamonds or stuller.com/gemstones.
- Check current pricing and availability on more than 200,000 SKUs—24/7, 365 days a year.
- Place orders quickly and accurately.
- Track shipments, view previous orders, and print any of your invoices.
- Use Schedule Order and add to your cart all day and submit your order automatically at your predetermined time.
- Live, text-based chat is available to assist you Monday through Friday, 8:00am to 6:00pm CST.
- For **web assistance** call 877-619-2174.

Order by Phone

In the continental U.S., orders placed before 5:00 pm (4:00 pm Pacific time) will be shipped the same day. Canadian and International accounts must place orders by 2:00 pm CST for same day shipping. Place orders toll-free by phone, fax, email sales@stuller.com, or on stuller.com.

U.S. and CANADA

24/7-HOUR FAX: 800-444-4741

PHONE: 800-877-7777, and press:

INTERNATIONAL

24/7-HOUR FAX: 337-981-1655

PHONE: 337-262-7700, and press:

- "1" for ordering and pricing
- "2" to establish an account
- "3" for customer services or order tracking
- "4" for account information
- "5" for diamond specialist
- "6" for gemstone specialist
- "8" for Spanish speaking customers (oprime "8" para el español)

To ensure accuracy when placing orders for an item, be prepared to give the following information: account number, account name, your name, complete series number, karat, color, size, quantity, conditional sale number (if applicable).

Click SIGN UP at the top of stuller.com to create your online account. We'll verify your information and send an email confirmation that your login/password is ready for use. Go to stuller.com, click Login and enter it for full access to the site. Use the Quick Order feature on the home page when you know exactly what you want to order.

Pricing Information

Prices are updated and new products are added daily (Monday-Friday) to our web site stuller.com. Quantity discounts are available on many of our loose gemstone products. Discounts represent "parcel prices", not "pick prices", therefore partial returns will be invoiced for the amount kept based upon that purchase quantity. Quantity discounts do not apply to the requests for matching items, special orders, limited availability items or Stuller Studio™ orders.

D&G Directory of Sales And Services

Special Orders

Red Box Diamonds®

Your diamond expert can help you find the Red Box Diamond® your customer is looking for, helping you make a sale. And if we don't have that special diamond, we'll find it; special requests are welcome. Call 1.800.877.7777, press 5.

Black Box Gemstones® and Pearls

Your gemstone and pearl experts will assist with unique gems available from our Black Box Gemstone® program, our pearl product line, or with specific special requests. Call 800-877-7777, press 6.

Diamond Repair Service

We are proud to present our in-house diamond repair facility in Lafayette. We repair all sizes and shapes starting at .20 carat for round and .40 carat for fancy-shaped diamonds. For further details, please call 800-877-7777, press 9, 2820#.

Red Box Diamonds® Laser Engraving Service

Custom engraving is available for purchased Red Box Diamonds®. Your clients can engrave up to 35 characters and you can inscribe your store name and logo. For details, call 800-877-7777, press 9, 3949# for Chetta.

Mail-In Matching Service

When you have a replacement stone that is difficult to match, send your job to Stuller, we'll do the hard work for you. Mail your job to:

Stuller, Inc.

Attention: Chetta - Department 43

302 Rue Louis XIV

Lafayette, LA 70508

Shipping Information

Most items in this catalog are available for same-day shipping, next-day delivery. Ground delivery service is available for items that are too large or too heavy for overnight delivery to be cost effective. Your sales consultant will discuss alternative shipping options with you when you order. Freight and insurance are billed at the time of shipment.

- **Truck Shipments/UPS/FedEx.** All carriers are responsible and liable for any damages that occur during transit. If you suspect any damage or shortage caused during transit, do not sign freight bill or receipt without making a notation on the freight bill. Retain all packing material and shipping cartons until the carrier has made an inspection. File a claim directly with the carrier within 15 days. Stuller CANNOT file a claim for you.
- **Hazardous Materials Shipping.** The Department of Transportation (DOT) governs the labeling, packaging, and handling of certain materials. These standards increase costs from shipping companies for handling (currently an additional \$20-\$30 to each separate package or chemical). Some of your packaging amounts may change. We continually update our shipping policies and try to minimize the DOT charges where possible. Material Safety Data Sheets are sent with all required items and contain important, safety recommendations and emergency procedures. Additional copies are available by contacting Tools Customer Service. Keep on file for quick reference.

Return Policy

We want you to be happy with everything you purchase from us. If you are not satisfied and need to return merchandise, we will give you full credit, provided you follow these procedures. Stuller is not responsible for returns that are damaged in transit.

1. You must return items for credit in their original packaging materials, unaltered and in resellable condition, within 10 days of invoice date for serialized diamonds and gemstones. Make sure they are packaged securely and insured for full value.
2. Include the perforated Merchandise Return Form from your invoice or the original invoice with the returned items. Please include the reason for return. Merchandise returned without this form or a copy of the invoice may be charged a service fee of \$10.00, or we may return the merchandise to you at your expense.
3. Address your package to Stuller, Inc., Attn: Customer Service, 302 Rue Louis XIV, Lafayette, LA 70508. All returns must be shipped prepaid (No CODs).
4. Upon receiving your return, we will exchange, replace, or credit. You will receive credit in the same manner as you paid for the merchandise.

Items with manufacturing defects may be returned for exchange. We regret that we cannot accept returns for special order items, Stuller Overstock items, altered items, used tools, videos, cut items, or books. For exchanges, products are credited to your account. The price of the new product will be charged to your account, along with any exchange fee. Be aware that normal shipping charges do apply. Except for specific Stuller programs that make provisions for "conditional sale" merchandise (finished jewelry, large diamonds and gemstones), products cannot be ordered for review. Such returns will be charged a 15% restocking fee. A 15% restocking fee may also be charged for all returns from accounts that consistently abuse the return privilege.

Information is current as of April, 2013.

Ask your sales consultant to fax, email, or mail a copy of Stuller's Red Box Diamonds® and Black Box Gemstones® Price list.

Ordene por internet con Stuller.com

Aproveche de esta forma rápida y fácil de ordenar y disfrute de los siguientes beneficios:

- Revise precios y disponibilidad de más de 200.000 SKUs (números de serie) – 24 horas, 7 días a la semana, 365 días al año.
- Haga sus órdenes rápidamente y con precisión.
- Rastree los paquetes, vea órdenes anteriores, e imprima cualquiera de sus facturas.
- Establezca el horario de su orden y agregue a su carro de compra durante todo el día, y envíe la orden automáticamente a una hora predeterminada por usted.
- Tenemos disponible conversación por CHAT en vivo, para asistirle de lunes a viernes, de 8 a.m. a 6 p.m. hora central CST.
- Para Asistencia en la Página de Internet llame al número número 877-619-2174.

Ordene por telefono

Ordenes puestas antes de las 5:00 PM (4:00 hora del Pacífico), dentro de los Estados Unidos, serán enviadas el mismo día. Las ordenes de cuentas Canadienses e internacionales deben ser puestas antes de las 2:00 PM CST (hora central) para ser enviadas el mismo día. Usted puede hacer una orden llamando gratuitamente por teléfono, fax, correo electrónico a sales@stuller.com ó mediante la página de internet stuller.com.

EE.UU. y CANADA

**NÚMERO DE FAX LAS 24 HORAS DEL DÍA,
LOS SIETE DÍAS DE LA SEMANA:** 1-800-444-4741
TELÉFONO: 1-800-877-7777, y presione:

INTERNACIONAL

**NÚMERO DE FAX LAS 24 HORAS DEL DÍA,
LOS SIETE DÍAS DE LA SEMANA:** 1-337-981-1655
Teléfono: 1-337-262-7700, y presione:

- "1" para ordenar y obtener precios
- "2" para establecer una cuenta
- "3" para servicio al cliente y rastreo de ordenes
- "4" para información del estado de su cuenta
- "5" para hablar con un especialista en diamantes
- "6" para hablar con un especialista en piedras preciosas
- "8" para clientes de habla hispana

Para estar seguro que su orden sea llenada con precisión, esté preparado para proveer la siguiente información: el número de su cuenta, nombre de la cuenta, su nombre, número completo de serie, kilataje, color, medida, cantidad, número de venta condicional (si aplica).

Regístrese haciendo click en la opción SIGN UP en la parte superior de la página stuller.com para crear su cuenta de internet. Verificaremos su información y le enviaremos un correo electrónico con la confirmación de que su registro/clave están listos para ser utilizados. Vaya a stuller.com, haga click en Login y así podrá tener acceso completo al sitio de internet. Utilice la opción Quick Order (Orden Rápida) en la página principal cuando usted sepa exactamente lo que quiere ordenar.

Información de Precios

Los precios son actualizados y productos nuevos son añadidos a diario (Lunes-Viernes) a nuestra pagina web stuller.com. Los descuentos por cantidad estan disponibles para varios de nuestros surtidos de piedras preciosas. Los descuentos representan "Precios de surtido", y no "Precios Escogidos" así que devoluciones parciales seran refacturadas por el total basado en la cantidad obtenida. Los descuentos por cantidad no aplicaran a pedidos de articulos parejos, ordenes especiales, articulos limitados o ordenes Stuller Studio™.

Directorio de ventas y servicios

Ordenes Especiales

Red Box Diamonds®

Su experto en diamantes puede ayudarle a encontrar el diamante red box que su cliente está buscando y así facilitar la venta. Si no tenemos el diamante especial que busca lo encontraremos para usted. Las peticiones especiales son bienvenidas. Llame al número 800-877-7777, presione 5.

Black Box Gemstones® y Perlas

Su experto en piedras preciosas y perlas puede ayudarle a encontrar piedras preciosas unicas de nuestro programa Black Box Gemstones®, nuestra selección de perlas o con pedidos especiales especificos. Llame al número 800-877-7777, presione 6.

Servicio de Reparación de Diamantes

Nos enorgullece presentarle nuestra facilidad de reparación de diamantes en Lafayette. Reparamos todo tipo de tamaños y cortes de diamantes empezando con .20 de kilate para diamantes redondos y .40 de kilate para diamantes de otros cortes (corte princesa, esmeralda, perla, ovalado, etc.). Para mas detalles, llame al número 800-877-7777, presione 9, 2820#.

Red Box Diamonds® Servicio de grabado láser

Le ofrecemos grabación personalizada con la compra de Red Box Diamonds®. Sus clientes podrán grabar hasta 35 caracteres y usted podrá grabar el nombre de su negocio y su logotipo. Para mas detalles, llame al número 800-877-7777, presione 9, 3949# y pregunte por Chetta.

Correo en el Servicio de entonado

Cuando usted tenga dificultad con una piedra de remplazo para formar un par, mande la piedra a Stuller y nosotros le ayudaremos. Envíe la piedra a la siguiente dirección:

*Attention: Chetta – Department 43
302 Rue Louis XIV
Lafayette, LA 70508*

Información de Envío

La mayoría de los artículos en este catálogo están disponibles para ser enviados el mismo día y ser entregados al día siguiente. El servicio de entrega por tierra está disponible para piezas que son muy grandes o muy pesadas y por lo cual las entregas del día siguiente serían muy costosas. Su consultora de ventas le informará de las diferentes alternativas de envío que usted tenga cuando haga una orden. El flete y seguro son facturados al momento del envío.

- **Envíos de Camión/UPS/Fed Ex.** Todas las compañías de transporte son responsables y propensas a pagar por cualquier daño que ocurra durante el envío. Si usted sospecha de cualquier daño o sustracción causado durante el envío, no firme la factura de flete o recibo sin hacer mención de éste en la factura. Retenga todo material del paquete tal cual se le entregó hasta que la transportadora realice una inspección. Haga su reclamo directamente con la compañía transportadora dentro de los 15 días. Stuller No Puede hacer un reclamo por usted.
- **Envío de Material Peligroso.** El Departamento de Transportación (DOT) gobierna el rótulo, empaque y manejo de envío de ciertos materiales. Estos estándares incrementan costos de compañías transportadoras por manejo de envío (actualmente a un costo adicional de \$20-\$30 por cada paquete separado o artículo químico). Algunos de sus montos de envío pueden cambiar. Nosotros actualizamos continuamente nuestras políticas de envío y tratamos de minimizar los cargos de DOT donde sea posible. Hojas de Datos de Material de Seguridad son enviadas con todos los artículos pertinentes y contienen importantes recomendaciones de seguridad y procedimientos de emergencia. Para copias adicionales de éstas contáctese con el Departamento de Servicio al Cliente de Herramientas. Mantenga estas hojas de datos en archivo para una referencia rápida.

Política de Devolución

Nosotros queremos que usted esté contento con todo lo que usted ordena de nosotros. Si usted no está satisfecho y necesita devolver mercancía, le daremos el crédito total si usted cumple con los siguientes requisitos.

1. Usted debe devolver artículos para crédito en sus materiales de embalaje original, sin cambios ni en condición de reventa, 10 días después de la fecha de la factura para diamantes serializados y piedras preciosas. Asegúrese de que están empaquetados de forma segura y aseguradas por valor total.
2. Incluya la Forma de Devolución de Mercancía que está en la parte perforada de su recibo o la factura original, con los artículos que devolverá. Por favor incluya la razón por la cual hace la devolución. Mercancía devuelta sin esta forma o una copia de la factura será sujeta a una cuota de cargo por servicio de \$10.00, ó la mercancía será retornada a usted con los respectivos cargos de envío por los cuales usted será responsable.
3. Envíe el paquete a Stuller, Inc., Attn: Customer Service, 302 Rue Louis XIV, Lafayette, LA 70508. Toda devolución debe ser enviada pre-pagada (No se aceptan CODs). Si Fed Ex es la transportadora, usted puede usar las etiquetas PRP (Pre-pagadas) que recibio con su orden. Llame a Fed Ex para que recogan el paquete. Haga que el agente de FedEx (o recepcionista) firme y ponga la fecha en la forma. El número de recibo del transportador es un recibo y la información de guía del envío. Una tarifa fija de \$8.50 será cargada a su factura para paquetes menos de cinco libras y menos de \$1,000.
4. Cuando recibamos su devolución, realizaremos el intercambio, reemplazo, o crédito. Usted recibirá crédito en la misma forma que hizo el pago por la mercancía.

Artículos con defectos de manufacturación pueden ser devueltos para su intercambio. Lamentamos informarle que no podemos aceptar devoluciones de artículos hechos mediante el programa de Stuller Studio, Ordenes Especiales, artículos de exceso de inventario en oferta, artículos alterados, herramientas usadas, videos, piezas cortadas, o libros. Para intercambios, los artículos serán acreditados en su cuenta. El precio de los nuevos artículos serán cargados a su cuenta junto a una cuota de cambio correspondiente. Tenga en cuenta que cargos de envío normales aplican. Excepto por algunos programas de Stuller específicos que hacen ciertas exclusiones para mercancías de "ventas condicionales" (Joyería terminada, diamantes y piedras preciosas certificadas), el resto de artículos no pueden ser ordenados para su revisión. Tales devoluciones serán sujetas a una cuota de 15% por reposición de existencias. Un 15% de cargo de reposición de existencias puede también ser aplicado a todas las devoluciones de cuentas que constantemente abusen del privilegio de la política de devolución.

Información actualizada Abril 2013.

Pídale a su consultora de ventas que le envíe por fax, email o correo una copia de listado de precios de nuestro surtido de Red Box Diamonds® y Black Box Gemstones®.



Stuller's Global Sourcing Network

Stuller's buyers travel worldwide to choose the best stones at the best prices for our customers. We're on the ground in Bangkok, Tel Aviv and Mumbai, going directly to the source and moving product quickly from mine to market. No middleman necessary.

Our goal? Very simple. Create the best values for you.



Diamonds

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- 12 Round Diamonds
 - Single Cut, G-I
 - Full Cut, F+
 - Full Cut, G-H
 - Full Cut, I-J
 - Full Cut, Top light brown
 - Full Cut, Cognac
 - Parcels: G-H, SI1; I-J, SI1; G-H, SI2-3; I-J, SI2-3
- 13 Fancy Shaped Diamonds
 - Asscher, G-I
 - Cushion, G-I
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 - Square, Princess-cut, F+
 - Square, Princess-cut, G-H
 - Square, Princess-cut, I-J
 - Square, Grooved Princess, G-I
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- 13 Side Diamonds
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- 17 Precision Cut Melee Diamonds
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- 19 Crisscut® Diamonds
- 20 Diamond Cutting and Repair
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- 22 Red Box Diamonds®



Asscher



Cushion



Emerald



Marquise



Oval



Pear



Radiant



Round



Square, Step-Cut



Square, Princess-Cut



Triangle

Fine diamonds are among the most coveted of all gems. Their value however, differs widely from one diamond to another. Experts evaluate every diamond for rarity and beauty, using four primary guidelines. These are called The Four Cs — Cut, Color, Clarity, and Carat Weight.

CUT

When you think of the cut, you probably think of the shape of the diamond. You are partially correct. While cut does refer to shape, it also refers to the proportions of how the diamond is actually cut. Diamonds are cut into many different shapes, reflecting not only popular taste but the proportions and quality of the rough diamond. The most popular shapes include Round, Oval, Square, Princess, Emerald, Baguette and Marquise cuts. Many specialty shapes are also available.

A diamond’s overall proportions, as well as the size and placement of its many reflective surfaces or facets play a large part in “cut.” The consistency and balance of these can greatly affect how the stone captures light and reflects it back to the eye.

COLOR

With the exception of fancy colored diamonds, the most valuable diamonds are those with the least color. The color scale for transparent diamonds goes from D-F (colorless), G-J (near colorless), K-M (faint yellow), to Z (light yellow). Completely colorless diamonds are rare.

D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y	Z	Z+
Colorless			Near Colorless				Faint Yellow			Very Light Yellow					Light Yellow					Fancy			

When diamonds are formed with traces of other minerals, rare and beautiful colors can result. These “fancy” colors range from blue and brilliant yellow to red, brown, pale green, pink and violet. Because of their rarity, colored diamonds are highly desirable and may be quite valuable.

CLARITY

A diamond’s clarity is measured by the existence, or absence, of visible flaws. Tiny surface blemishes or internal inclusions — even those seen only under magnification with a 10X jeweler’s loupe — can alter the brilliance of the diamond, and thus affect its value. Clarity levels begin with Flawless (FL and IF) followed by Very Very Slight (VVS1 and 2), Very Slight (VS1 and 2), Slightly Included (SI1 and 2), and Included (I1, 2, and 3).

FL, IF DIAMONDS	Flawless: No internal or external flaws Internally Flawless: No internal flaws
VVS1, VVS2 DIAMONDS	Very, very slightly included: Very difficult to see inclusions under 10X magnification
VS1, VS2 DIAMONDS	Very slightly included: Inclusions are not typically visible to the unaided eye
SI1, SI2 DIAMONDS	Slightly included: Inclusions are visible under 10X magnification and may be visible with the unaided eye
I1, I2, I3 DIAMONDS	Included: Inclusions are visible with the unaided eye

CARAT WEIGHT

The size of a diamond is measured, not by its dimensions, but by weight. One carat, the traditional unit of measurement for diamonds, is equal to approximately 0.2 grams. You may also hear the weight of a diamond referred to in points. A point is equal to 1/100 of a carat; therefore, a 75-point diamond equals 0.75 carat. Diamonds of equal weight may appear slightly different in size, depending on their depth and proportions. Because they are quite rare, larger diamonds of gem quality are much more valuable.

RARITY & BEAUTY

All gem-quality diamonds are rare, taking billions of years for nature to form them. The journey from the mine to you is long and arduous. While the four Cs information helps you to identify the quality of the diamond you are purchasing, it is the combination of these four characteristics which determine a diamond’s rarity and therefore its value. Remember — beauty is in the eye of the beholder. A diamond can only be truly perfect if you think it is beautifully perfect for you.

Gem Species: Diamond

Hardness: 10

Enhancement Code: Natural, unless otherwise indicated

ROUND OR SQUARE DIAMONDS

I3; G-H: Round diamonds: When viewing the diamond with the table facing up, inclusions are obvious to the unaided eye; near colorless; good make

I2; G-H: Round diamonds: When viewing the diamond with the table facing up, one can easily see inclusions with the unaided eye; near colorless; good make

I1; G-H: Round or square diamonds: When viewing the diamond with the table facing up, one may see inclusions with the unaided eye; near colorless; good to very good make

I1; I-J: Round or square diamonds: When viewing the diamond with the table facing up, one may see inclusions with the unaided eye; near colorless; good to very good make

SI2-SI3; G-H: Round or square diamonds: Slight inclusions are very easily seen when the diamond is viewed under 10X magnification; near colorless; good to very good make

SI2-SI3; I-J: Round or square diamonds: Slight inclusions are very easily seen when the diamond is viewed under 10X magnification; near colorless; good to very good make

SI1; G-H: Round or square diamonds: (Slightly included) Small inclusions may be visible when viewing the diamond under 10X magnification; near colorless; very good make

SI1; I-J: Round or square diamonds: (Slightly included) Small inclusions may be visible when viewing the diamond under 10X magnification; near colorless; very good make

VS; F+: Round diamonds: (Very slightly included) – The diamond may contain very minor inclusions, these inclusions are not typically visible when viewed under 10X magnification and are not visible to the unaided eye; colorless; very good make

VS; G-H: Round or square diamonds: (Very slightly included) – The diamond may contain very minor inclusions, these inclusions are not typically visible when viewed under 10X magnification and are not visible to the unaided eye; near colorless; very good make

FANCY SHAPED DIAMONDS

I1; G-I: Fancy shapes, excluding square: When viewing the diamond with the table facing up, one may see inclusions with the unaided eye; near colorless; good to very good make

SI2-SI3; G-I: Fancy shapes, excluding *square: Slight inclusions are very easy to see when viewing the diamond under 10X magnification; near colorless; good to very good make

SI1; G-I: Fancy shapes, excluding *square: (Slightly included) Small inclusions may be visible when viewing the diamond under 10X magnification; near colorless; very good make

VS; G-I: Fancy shapes, excluding *square: (Very slightly included) – The diamond may contain very minor inclusions, these inclusions are not typically visible when viewed under 10X magnification and are not visible to the unaided eye; near colorless; very good make

DIAMOND CARE

Diamond is rated “excellent” for everyday wear. Avoid placing your diamond jewelry where it might scratch another gem or get scratched by another diamond. Although a diamond is the hardest material known to humankind, it is not the toughest, diamonds can chip or break if worn while doing heavy work or receiving a sharp blow. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit.

MAJOR SOURCES:

Botswana, Russia, South Africa, Australia, Namibia, Zaire, Brazil, Canada

ROUND DIAMONDS



Gem Species: Diamond
Hardness: 10
Enhancement Code: N
stuller.com/rounddiamonds



shape / cut	SINGLE CUT (G-I)	FULL CUT (F+)	FULL CUT (G-H)	FULL CUT (G-H)	FULL CUT (G-H)	FULL CUT (G-H)	FULL CUT (G-H)	FULL CUT (G-H)
quality	SI2-SI3, SI1	VS	I3	I2	I1	SI2-SI3	SI1	VS
avg wt	0.0025 to 0.07	0.005 to 0.44	0.0025 to 1.17	0.0025 to 1.17	0.0025 to 1.17	0.0025 to 1.17	0.0025 to 1.17	0.0025 to 1.17
mm	0.08 to 2.73	1.00 to 4.80	0.80 to 6.40	0.80 to 6.40	0.80 to 6.40	0.80 to 6.40	0.80 to 6.40	0.80 to 6.40



shape / cut	PRECISION FULL CUT (G+)	PRECISION FULL CUT (G+)	FULL CUT (I-J)	FULL CUT (I-J)	FULL CUT (I-J)	FULL CUT (I-J)
quality	SI1	VS	I2	I1	SI2-SI3	SI1
avg wt	0.005 to 0.15	0.005 to 0.15	0.005 to 1.17	0.0025 to 1.17	0.0025 to 1.17	0.0025 to 1.17
mm	1.00 to 3.50	1.00 to 3.50	1.00 to 6.40	0.80 to 6.40	0.80 to 6.40	0.80 to 6.40



shape / cut	FULL CUT (TOP LIGHT BROWN)	FULL CUT (TOP LIGHT BROWN)	FULL CUT (COGNAC)
quality	I1	SI	VS
avg wt	0.005 to 0.36	0.005 to 0.69	0.005 to 0.36
mm	1.00 to 4.50	1.00 to 5.00	1.00 to 4.50

ROUND DIAMOND PARCELS

Diamond parcels are a great way to save on the diamonds you use most. Built to order, the parcels listed are shipped within one to two business days—giving you exactly what you need when you need it. Choose from straight sizes where all the diamonds in the parcel have the same average weight, or select a mixed parcel that gives you a little of everything. Volume buying allows for greater savings. Please be aware that we do not accept partial returns of parcel purchases. If you desire specific millimeter sizes, matching diamonds or suites, select from the individually priced diamonds.

Gem Species: Diamond
Hardness: 10
Enhancement Code: N
stuller.com/rounddiamonds

shape / cut	ROUND FULL CUT	ROUND FULL CUT	ROUND FULL CUT	ROUND FULL CUT
quality	G-H; SI1	G-H; SI2-SI3	I-J; SI1	I-J; SI2-SI3
avg wt	0.005 to 0.12	0.005 to 0.12	0.005 to 0.12	0.005 to 0.12
mm	1.00 to 3.23	1.00 to 3.23	1.00 to 3.23	1.00 to 3.23

FANCY SHAPED DIAMONDS



Gem Species: Diamond
Hardness: 10
Enhancement Code: N
stuller.com/fancydiamonds



shape / cut	ASSCHER, G-I	CUSHION, G-I	EMERALD-CUT, G-I	MARQUISE, G-I	OVAL, G-I	PEAR, G-I	RADIANT, G-I
quality	VS	VS	SI2-SI3, SI1, VS	I2, I1, SI2-SI3, SI1, VS	I1, SI2-SI3, SI1, VS	I1, SI2-SI3, SI1, VS	VS
avg wt	0.04 to 0.36	0.14 to 0.36	0.09 to 1.17	0.03 to 1.17	0.15 to 1.17	0.10 to 1.17	0.10 to 0.36
mm	1.90 to 4.00	2.90 to 4.00	3.0x2.3 to 7x5	3.0x1.5 to 10x5	4x3 to 7x5	4.0x2.5 to 8x5	3.0x2.4 to 4.2x3.6



shape / cut	SQUARE, PRINCESS-CUT, F+	SQUARE, PRINCESS-CUT, G-H	SQUARE, PRINCESS-CUT, I-J	SQUARE, GROOVED PRINCESS-CUT, G-I	SQUARE, STEP-CUT, G-H
quality	VS	I2, I1, SI2-SI3, SI1, VS	I2, I1, SI2-SI3, SI1	SI2-SI3, SI1	SI1
avg wt	0.015 to 0.44	0.015 to 1.17	0.015 to 1.17	0.005 to 0.22	0.015 to 0.14
mm	1.10 to 4.20	1.10 to 5.80	1.10 to 5.80	0.89 to 3.37	1.10 to 2.87

SIDE DIAMONDS



Gem Species: Diamond
Hardness: 10
Enhancement Code: N
stuller.com/fancydiamonds



shape / cut	STRAIGHT BAGUETTE, G-I	STRAIGHT BAGUETTE, G-I	TAPERED BAGUETTE, G-I	TAPERED BAGUETTE, G-I
quality	SI2-SI3	VS	SI2-SI3	VS
avg wt	0.005 to 0.27	0.005 to 0.45	0.006 to 0.17	0.01 to 0.30
mm	1.25x0.50 to 4.5x2.75	1.25x1.00 to 6x3	1.25x1.00x0.75 to 4.25x2.50x1.50	1.50x1.00x0.75 to 7.00x2.25x1.50



shape / cut	HALF MOON, G-I	TRAPEZOID, FACETED-CUT, G-I	TRAPEZOID, STEP-CUT, G-I	TRIANGLE, G-I
quality	SI, VS	SI, VS	SI, VS	SI2-SI3, SI1, VS
avg wt	0.45 to 1.17	0.45 to 1.17	0.45 to 1.17	0.09 to 0.55
mm	5x3 to 6.20x3.50	5x3 to 6.20x3.50	5x3 to 6.20x3.50	2.80 to 6.30

With 3C: Choose/Change/Create, you have endless options. Many Stuller mountings can be altered to hold any size or shape of the stones we present in this catalog.





























For information and inspiration, visit stuller.com/3C.

A. 122006 | B. 121988 | C. 121989




























122006 CENTER ROW STONE OPTIONS

 Round	1.5, 1.75, 2.0, 2.25, 2.5, 2.75, 3.0													
														
Diamond (Apple Green)	Diamond (Aqua Blue)	Diamond (Black)	Diamond (Burnt Orange)	Diamond (Cognac)	Diamond (Dark Green)	Diamond (Garnet Red)	Diamond (Pink)	Diamond (Purple)	Diamond (Teal Blue)	Diamond (Top Light Brown)	Diamond (White)	Diamond (Yellow)	Alexandrite	
														
Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Garnet (Tsavorite)	Iolite	Onyx	Peridot	Quartz (Smoky)	Ruby	
														
Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Spinel (Pink)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)	Zircon		

 Oval	4x3, 4.5x3.5, 5x3													
														
Diamond (White)	Amethyst	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Garnet (Tsavorite)	Iolite	Morganite	Onyx	Peridot	Quartz (Smoky)	
														
Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Spinel (Pink)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)	Zircon	

 Square/Princess	1.5, 1.75, 2.0, 2.25, 2.5, 2.75, 3.0													
														
Diamond (Black)	Diamond (Teal Blue)	Diamond (White)	Diamond (Yellow)	Amethyst	Aquamarine	Citrine	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Tsavorite)	Iolite	Peridot	Quartz (Smoky)	
														
Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Spinel (Black)	Spinel (Pink)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)	




























 Marquise	4x2, 4.25x2.25, 4.5x2.5, 5x2.5, 5x3													
														
Diamond (White)	Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Iolite	Onyx	Peridot	Quartz (Smoky)	Ruby	Sapphire (Blue)	
														
Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Green)	Tourmaline (Pink)	Zircon					

 Asscher	2.0, 2.3, 2.6, 3.0													
														
Diamond (White)														

*Gemstones may not be available in every size listed.

121988 STONE OPTIONS



 Round		1.5, 1.75, 2.0, 2.25, 2.5, 2.75, 3.0													
															
Diamond <i>(Apple Green)</i>	Diamond <i>(Aqua Blue)</i>	Diamond <i>(Black)</i>	Diamond <i>(Burnt Orange)</i>	Diamond <i>(Cognac)</i>	Diamond <i>(Dark Green)</i>	Diamond <i>(Garnet Red)</i>	Diamond <i>(Pink)</i>	Diamond <i>(Purple)</i>	Diamond <i>(Teal Blue)</i>	Diamond <i>(Top Light Brown)</i>	Diamond <i>(White)</i>	Diamond <i>(Yellow)</i>	Alexandrite		
															
Amethyst	Aquamarine	Citrine	Citrine <i>(Madeira)</i>	Emerald	Garnet <i>(Mozambique)</i>	Garnet <i>(Rhodolite)</i>	Garnet <i>(Spessartite)</i>	Garnet <i>(Tsavorite)</i>	Iolite	Onyx	Opal <i>(Mexican Fire)</i>	Peridot	Quartz <i>(Smoky)</i>		
															
Ruby	Sapphire <i>(Blue)</i>	Sapphire <i>(Pink)</i>	Sapphire <i>(White)</i>	Sapphire <i>(Yellow)</i>	Spinel <i>(Black)</i>	Tanzanite	Topaz <i>(Sky Blue)</i>	Topaz <i>(Swiss Blue)</i>	Tourmaline <i>(Chrome)</i>	Tourmaline <i>(Green)</i>	Tourmaline <i>(Pink)</i>	Zircon			

 Square/Princess		1.5, 1.75, 2.0, 2.25, 2.5, 2.75, 3.0													
															
Diamond <i>(Black)</i>	Diamond <i>(Teal Blue)</i>	Diamond <i>(White)</i>	Diamond <i>(Yellow)</i>	Amethyst	Aquamarine	Citrine	Citrine <i>(Madeira)</i>	Emerald	Garnet <i>(Mozambique)</i>	Garnet <i>(Rhodolite)</i>	Garnet <i>(Tsavorite)</i>	Iolite	Peridot		
															
Quartz <i>(Smoky)</i>	Ruby	Sapphire <i>(Blue)</i>	Sapphire <i>(Pink)</i>	Sapphire <i>(White)</i>	Sapphire <i>(Yellow)</i>	Spinel <i>(Black)</i>	Spinel <i>(Pink)</i>	Tanzanite	Topaz <i>(London Blue)</i>	Tourmaline <i>(Chrome)</i>	Tourmaline <i>(Pink)</i>				

 Asscher		2.0, 2.3, 2.6, 3.0													
															
Diamond <i>(White)</i>															

121989 CENTER ROW STONE OPTIONS

 Round		1.5, 1.75, 2.0, 2.25, 2.5													
															
Diamond <i>(Apple Green)</i>	Diamond <i>(Aqua Blue)</i>	Diamond <i>(Black)</i>	Diamond <i>(Burnt Orange)</i>	Diamond <i>(Cognac)</i>	Diamond <i>(Dark Green)</i>	Diamond <i>(Garnet Red)</i>	Diamond <i>(Pink)</i>	Diamond <i>(Purple)</i>	Diamond <i>(Teal Blue)</i>	Diamond <i>(Top Light Brown)</i>	Diamond <i>(White)</i>	Diamond <i>(Yellow)</i>	Alexandrite		
															
Amethyst	Aquamarine	Citrine	Citrine <i>(Madeira)</i>	Emerald	Garnet <i>(Mozambique)</i>	Garnet <i>(Rhodolite)</i>	Garnet <i>(Spessartite)</i>	Garnet <i>(Tsavorite)</i>	Iolite	Onyx	Opal <i>(Mexican Fire)</i>	Peridot	Quartz <i>(Smoky)</i>		
															
Ruby	Sapphire <i>(Blue)</i>	Sapphire <i>(Pink)</i>	Sapphire <i>(White)</i>	Sapphire <i>(Yellow)</i>	Spinel <i>(Black)</i>	Tanzanite	Topaz <i>(London Blue)</i>	Topaz <i>(Sky Blue)</i>	Topaz <i>(Swiss Blue)</i>	Tourmaline <i>(Chrome)</i>	Tourmaline <i>(Green)</i>	Tourmaline <i>(Pink)</i>	Zircon		

 Square/Princess		1.5, 1.75, 2.0, 2.25, 2.5													
															
Diamond <i>(Black)</i>	Diamond <i>(Teal Blue)</i>	Diamond <i>(White)</i>	Diamond <i>(Yellow)</i>	Amethyst	Aquamarine	Citrine	Emerald	Garnet <i>(Mozambique)</i>	Garnet <i>(Rhodolite)</i>	Garnet <i>(Tsavorite)</i>	Iolite	Peridot	Quartz <i>(Smoky)</i>		
															
Ruby	Sapphire <i>(Blue)</i>	Sapphire <i>(Pink)</i>	Sapphire <i>(Yellow)</i>	Spinel <i>(Black)</i>	Tanzanite	Topaz <i>(London Blue)</i>	Tourmaline <i>(Pink)</i>								



Precision Cut Melee

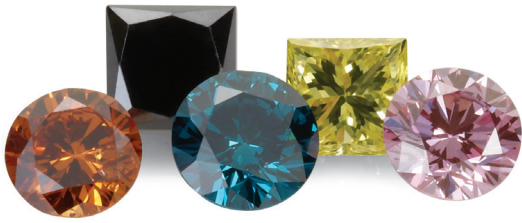
Stuller's expertly cut Precision melee diamonds weigh approximately 8% less than regular round brilliant diamonds of the same mm size. That means you can get the same size stone with much more brilliance but at an average of 8% less weight to pay for. They're cut better, so they look better — but they don't necessarily cost more.

Plus Precision diamonds are sold in precise increments of .05mm with a range of .10mm within each size to allow for maximum flexibility for your most intricate jobs.




Available in G+ VS or G+ SI1 assortments.

For more information, visit stuller.com/precision-melee.


COLOR ENHANCED DIAMONDS



Gem Species: Diamond
Hardness: 10
Enhancement Code: R and/or HP
Quality Information:
Blue to greenish/blue: good make
Medium to dark yellow: good make
Black: good make
stuller.com/colorenhanceddiamonds

						
shape / color	ROUND, TEAL BLUE	ROUND, YELLOW	ROUND, BLACK	SQUARE, PRINCESS-CUT, TEAL BLUE	SQUARE, PRINCESS-CUT, YELLOW	SQUARE, PRINCESS-CUT, BLACK
quality	SI	SI	Standard	SI	SI	Standard
avg wt	0.005 to 1.17	0.005 to 1.17	0.005 to 1.35	0.02 to 1.17	0.02 to 1.17	0.10 to 1.17
mm	1.00 to 6.40	1.00 to 6.40	0.90 to 6.50	1.38 to 5.80	1.38 to 5.80	1.91 to 5.0

Gem Species: Diamond
Hardness: 10
Enhancement Code: R and/or HP
Quality Information: Full cut
stuller.com/colorenhanceddiamonds

							
shape / color	ROUND, APPLE GREEN	ROUND, AQUA BLUE	ROUND, BURNT ORANGE	ROUND, DARK GREEN	ROUND, GARNET RED	ROUND, PINK	ROUND, PURPLE
quality	SI	SI	SI	SI	SI	SI	SI
avg wt	0.005 to 0.22	0.005 to 0.22	0.005 to 0.22	0.005 to 0.22	0.005 to 0.22	0.03 to 0.22	0.03 to 0.17
mm	1.00 to 3.80	1.00 to 3.80	1.00 to 3.80	1.00 to 3.80	1.00 to 3.80	1.90 to 3.80	1.90 to 3.50



Crisscut® Diamonds

We love the elegance of an Emerald Cut but have always wanted more brilliance. Good news — Stuller is the exclusive North American distributor of loose Crisscut® Emerald Cut diamonds. Available from 1/6 carat to 3/4 carat, the new 77-faceted Crisscut® Emerald Cut maximizes every gem's brilliance by eliminating the gray-looking windows visible in a standard 46-facet Emerald Cut diamonds.

With the Crisscut® Emerald Cut diamond, you no longer have to choose between the shape you want and the brilliance you love. The facet arrangement of these diamonds optimizes brilliance and fire, creating a "face up" appearance that can be two grades higher than the stone's actual color grade. That same unique facet arrangement can also mask imperfections, creating the appearance of a cleaner stone.

The Crisscut® diamond facet configuration causes light to bounce from one facet to another, creating remarkable scintillation and fire (those sparkling, dancing points of light that make diamonds magical).

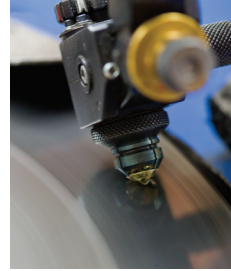
For more information, visit stuller.com/crisscut.



shape / color	EMERALD, G-I
quality	SI
avg wt	0.15 to 0.65
mm	3.75x2.5 to 6x4

Diamond Cutting and Repair

With over 55 years of diamond cutting experience, our staff can help turn your old style or broken merchandise into profitable product.



PRICE LIST

REPAIRS:	FULL RECUT:		ROUGH DIAMONDS:
<p>Round .20 -.99 ct. \$115 per stone 1.00 ct. and up \$115 per carat</p> <p>Fancy Shapes .40 -.99 ct. \$125 per stone 1.00 ct. and up \$125 per carat</p> <p>Facet Girdle <i>(Rounds or Fancy Shapes)</i> .20 -.99 ct. \$50 per stone 1.00 -1.99 ct. \$70 per stone 2.00 ct. and up \$90 per stone</p>	<p>Round <i>(.20 carat minimum)</i> .20 -.49 ct. \$120 per stone .50 -.99 ct. \$155 per stone 1.00 ct. and up \$155 per carat</p> <p>Reshaping (Fancy Shapes) .40 -.99 ct. \$70 per stone 1.00 ct. and up \$70 per carat</p> <p>Ideal Cut/Excellent Cut Rounds <i>(.20 carat minimum)</i> .20 -.99 ct. \$255 per stone 1.00 ct. and up \$255 per carat</p>	<p>Cut to Match Round \$65 per stone Fancy \$95 per stone</p> <p>Fancy Shapes <i>(.40 carat minimum)</i> .40 -.99 ct. \$190 per stone 1.00 ct. and up \$190 per carat</p> <p>Custom Cutting Available upon request</p>	<p><i>(Prices are based on the weight of the original rough.)</i></p> <p>Round Above 1 ct. \$125 per carat</p> <p>Round Ideal Above 1 ct. \$190 per carat</p> <p>Fancy Shapes Above 1 ct. \$185 per carat</p>

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Stuller, Inc., Attn: Karl, 302 Rue Louis XIV, Lafayette, LA 70508

REQUIREMENTS:

- All stones must be sent loose.
- All prices based upon the original starting weight of the diamond.
- Rush service available upon request for an additional \$50.00 per stone fee.
- Diamonds over 5.00 carats priced upon request.
- Estimates for cost and weight loss will be discussed and approved by the customer before work is performed.
- Stuller, Inc., its subsidiaries and all employees are not liable for damage that may occur during the cutting process.
- Prices subject to change without notice.

**For more information, contact your friendly sales consultant today.
Call 800-877-7777 and press 9, then 2820#.**

DIAMOND SIZE TOLERANCE CHART

ASSCHER TOLERANCES

mm Size	mm Range	wt. Range
2.0	1.9-2.2	.04-.06
2.3	2.3-2.4	.07-.08
2.6	2.5-2.8	.09-.13
3.0	2.9-3.2	.14-.17
3.3	3.2-3.4	.18-.22
3.6	3.5-3.7	.23-.28
3.8	3.7-4.0	.29-.36

BAGUETTE TOLERANCES

mm Size	Length mm Range	Width mm Range
.50	N/A	.35-.65
.75	N/A	.60-.90
1.0	N/A	.85-1.15
1.25	1.15-1.40	1.10-1.40
1.5	1.35-1.65	1.35-1.65
1.75	1.60-1.90	1.60-1.90
2.0	1.85-2.15	1.85-2.15
2.25	2.10-2.40	2.10-2.40
2.5	2.35-2.65	2.35-2.65
2.75	2.60-2.90	2.60-2.90
3.0	2.85-3.15	2.85-3.17
3.25	3.10-3.40	N/A
3.5	3.35-3.65	N/A
3.75	3.60-3.90	N/A
4.0	3.85-4.15	N/A
4.25	4.10-4.40	N/A
4.5	4.35-4.65	N/A
4.75	4.60-4.90	N/A
5.0	4.91-5.29	N/A
5.5	5.30-5.79	N/A
6.0	5.80-6.25	N/A
7.0	6.50-7.30	N/A

CUSHION TOLERANCES

mm Size	mm Range	wt. Range
3.0	2.9-3.2	.14-.17
3.3	3.2-3.4	.18-.22
3.6	3.5-3.7	.23-.28
3.8	3.7-4.0	.29-.36

EMERALD-CUT TOLERANCES

mm Size	mm Range	wt. Range
3x2.3	2.8-3.1 x 2.2-2.5	.09-.12
3.75x2.5	3.6-3.9 x 2.3-2.7	.15-.17
3.75x2.75	3.6-3.9 x 2.6-2.8	.18-.22
4x3	3.7-4.2 x 2.7-3.2	.23-.28
4.5x3	4.3-4.8 x 2.7-3.2	.29-.36

MARQUISE TOLERANCES

mm Size	mm Range	wt. Range
3x1.5	2.80-3.20 x 1.30-1.65	.025-.04
3.5x1.75	3.30-3.65 x 1.65-1.88	.05-.06
3.5x2	3.30-3.65 x 1.89-2.20	.06-.07
3.75x1.75	3.68-3.88 x 1.65-1.88	.05-.06
4x2	3.89-4.18 x 1.89-2.18	.07-.09
4.25x2.25	4.20-4.35 x 2.20-2.35	.09-.11
4.5x2.5	4.40-4.70 x 2.40-2.70	.11-.13
5x2.5	4.80-5.30 x 2.30-2.80	.14-.17
5x3	4.80-5.30 x 2.80-3.20	.18-.22
6x3	5.80-6.30 x 2.80-3.30	.23-.28
6x3.5	5.80-6.50 x 3.30-3.80	.29-.37

OVAL TOLERANCES

mm Size	mm Range	wt. Range
4x3	3.7-4.2 x 2.7-3.2	.15-.17
4.5x3.5	4.3-4.8 x 3.3-3.7	.18-.22
5x3	4.8-5.2 x 2.7-3.5	.23-.28
5x4	4.7-5.2 x 3.7-4.2	.29-.36
6x4	5.5-6.3 x 3.7-4.2	.37-.44

PEAR TOLERANCES

mm Size	mm Range	wt. Range
4x2.5	3.8-4.2 x 2.3-2.7	.10-.12
4x3	3.8-4.2 x 2.8-3.2	.13-.14
4.5x3	4.3-4.7 x 2.8-3.2	.15-.17
5x3	4.8-5.2 x 2.8-3.2	.18-.23
5.5x3.5	5.3-5.7 x 3.3-3.7	.24-.29
6x4	5.7-6.3 x 3.8-4.3	.30-.38

RADIANT TOLERANCES

mm Size	mm Range	wt. Range
3x2.4	2.8-3.1 x 2.2-2.5	.095-.10
3.5x2.8	3.3-3.6 x 2.6-2.9	.15-.17
3.8x3.0	3.6-3.9 x 2.9-3.2	.18-.22
4.0x3.5	3.9-4.1 x 3.2-3.6	.23-.28
4.2x3.6	4.1-4.3 x 3.4-3.7	.29-.36

ROUND TOLERANCES

mm Size	mm Range	wt. Range
.0028	.80-.99	.0022-.0038
.005	1.00-1.15	.0039-.0064
.0075	1.16-1.23	.0065-.0084
.01	1.24-1.40	.0085-.0125
.015	1.41-1.55	.0126-.0165
.02	1.56-1.80	.0166-.023
.025	1.81-1.88	.024-.027
.03	1.89-2.10	.028-.036
.04	2.11-2.23	.037-.045
.05	2.24-2.43	.046-.055
.06	2.44-2.50	.056-.066
.07	2.51-2.73	.067-.076
.08	2.74-2.80	.077-.087
.10	2.81-3.10	.088-.114
.12	3.11-3.23	.115-.134
.15	3.24-3.54	.135-.174
.20	3.55-3.80	.175-.224
.25	3.81-4.10	.225-.284
.33	4.11-4.50	.285-.364

SQUARE TOLERANCES

mm Size	mm Range	wt. Range
1.0	.88-1.09	.005-.010
1.25	1.10-1.37	.008-.018
1.5	1.38-1.67	.02-.03
1.75	1.68-1.87	.03-.04
2.0	1.88-2.18	.05-.06
2.25	2.19-2.37	.06-.08
2.5	2.38-2.67	.09-.11
2.75	2.68-2.87	.11-.14
3.0	2.88-3.18	.15-.17
3.25	3.19-3.37	.18-.22
3.5	3.38-3.67	.23-.28
3.75	3.68-3.87	.29-.33
4.0	3.88-4.20	.34-.44

HALF MOON AND TRAPEZOID TOLERANCES

mm Size	mm Range	wt. Range
5x3	4.80-5.20 x 2.80-3.20	.45-.65
5.5x3.4	5.20-5.80 x 3.20-3.60	.66-.89
6.2x3.5	6.00-6.20 x 3.30-3.70	.90-1.17

TRIANGLE TOLERANCES

mm Size	mm Range	wt. Range
3x3	2.80-3.27	.09-.12
3.5x3.5	3.28-3.77	.11-.15
4x4	3.78-4.27	.16-.22
4.5x4.5	4.28-4.77	.23-.29
5x5	4.78-5.27	.30-.36
5.5x5.5	5.28-5.77	.37-.43
6x6	5.78-6.32	.44-.65



Red Box Diamonds®

The Red Box Diamond® selling system provides value-added benefits you can use to build confidence and loyalty with your customers. The selling system also gives you rewards to help you grow your diamond business. We hand select the diamonds in our Red Box Diamond® program based on strict criteria for size, quality, and color. We back these individually graded diamonds with benefits that bring trust, confidence, and security to the diamond buying experience.

TRUST

When you purchase a Red Box Diamond®, rest assured it holds its value.

Worried about how to resell diamonds when your customers trade up?

Fret no longer. They trade it in to you and you turn around and trade it in to us. We apply full credit for the Red Box Diamond® you trade toward a higher priced diamond in our active inventory.

This program reassures your customers that their diamond will not lose its value over time. This earns you their trust and secures their loyalty for future purchases. As they make more return purchases and talk about the service they receive from your store, your sales grow.

The trade-up program applies only to diamonds purchased after June 1998. We inspect the diamonds upon return to insure they are in their original condition. To initiate a Red Box Diamond® trade-up, contact one of our Diamond Specialists, at 800-877-7777, press 5.

What happens if my customer loses her diamond?

As an added bonus, pass on to your customer the complimentary protection against loss, theft, or mysterious disappearance that this newly purchased diamond comes with for the first year. Fill out the activation form and fax it to GemShield™. Coverage begins immediately upon receipt of the form. If a loss occurs within the first year, the customer returns to you for replacement. We replace the diamond through you at no cost.

“All of Stuller’s Red Box Diamonds® are laser engraved and come with a good presentation. I find the trade-up policy and the rebate program are important to my business. Over the years I’ve dealt with other diamond brokers and Stuller is the only one that offers a rebate. I never even got a thank you from any of the other brokers.”

Bill Hrisko, Unforgettable, A Gallery of Fine Jewelry, LLC

CONFIDENCE

You have to earn confidence from your customers. It doesn’t happen overnight. But we can help you speed this process along.

How can I make my customer confident in buying a diamond from me?

Accurate representation is the first step. Each Red Box Diamond® comes with a grading report from an independent lab or a comprehensive report from Stuller. Our team of GIA and AGS trained experts examine each diamond. We guarantee the accuracy of Stuller graded diamonds, giving you peace-of-mind that you can pass on to your customers.

Each Red Box Diamond has a unique identification number laser engraved on the girdle of the diamond. It matches the serial number listed on the grading report, giving your customers proof-positive identification.

How do I know that I am not buying conflict diamonds?

At Stuller, we do not tolerate conflict diamonds. All rough and polished diamonds sold by Stuller Inc. comply with the Kimberley Process, which ensures that rough diamonds are exported and imported with a government validated Kimberley Process certificate stating the diamonds are conflict-free.

SECURITY

Build loyalty with your customers by providing them with the security that Red Box Diamonds® offer.

How do I know it’s my customer’s diamond?

We laser engrave a unique number on the girdle of each Red Box Diamond®. This number matches the grading report, giving you and your customer proof positive identification, should anything happen to the diamond.

In addition, your customers can have a message laser engraved on the girdle of their diamond of up to 35 characters for \$25.

*Visible under 10X magnification.

For more information, visit stuller.com/red-box-diamonds.

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Black Box Gemstones®

Black Box Gemstones® are one-of-a-kind gemstones selected for their rarity and beauty. These gemstones are ideal for custom creations or designs that demand that the gem is the center of attention. Black Box Gemstones® include a variety of gems. Our company backs these individually graded gems with benefits that bring trust, confidence, and security to the gemstone buying experience.

TRUST

Trust is essential to every relationship. This holds true, especially in your business. Earn your customers' trust and you will reap the rewards for years to come.

What happens if my customer loses her gemstone?

To build loyalty and trust, give your customers the security of one full year of complimentary coverage against loss, theft, or mysterious disappearance. Simply fill out the activation form for your customer and fax it to GemShield™. Coverage is immediate upon receipt of the form. If a loss occurs within the first year, the customer will return to you for replacement. Stuller replaces the gemstone through you at no cost.

When the free year is up, GemShield contacts your customer and offers a personal jewelry insurance policy. They direct the customer to your store to assist them with the application, to verify that the value is correct, and to have the jewelry inspected. This gives you an opportunity for another sale.

“Whenever I need to “wow” a client, especially in colored gemstones, Stuller’s black box presentation always seals the deal. Nobody in the entire industry supplies such a professional lab report and presentation on your quality gemstones. I never lost a sale when using Stuller’s red and black box presentations.”

Paul M. Tuchman, Libutti Diamond Jewelers

CONFIDENCE

As a direct source for gemstones, we are committed to selling with integrity and to meeting the highest ethical standards. We assure you that our gems are mined in a sustainable manner with respect for the environment and humankind.

How can I make my customer confident in buying a gemstone from me?

Every Black Box Gemstone® comes with a grading report from either an independent lab or from our team of GIA and AGS trained experts. If you feel the report is inaccurate, we will exchange or refund your purchase price within 10 days of the invoice date.

We guarantee the accuracy of all Stuller graded gems. If a reputable lab, such as GIA, GRS or AGL, examines the gem and disputes the grade, we will exchange, refund, or adjust the price of the Black Box Gemstone® in question.

SECURITY

With Black Box Gemstones®, your customers can rest assured that you are looking out for them.

How is my customer’s gemstone protected?

Most Black Box Gemstones® also come with the security of a unique identifier*. A laser-engraved number on the girdle of the stone matches the grading report for proof positive identification. In addition, you can inscribe a custom message on the gemstone for a nominal fee.

*Visible under 60X magnification.

For more information, visit stuller.com/black-box-gemstones.

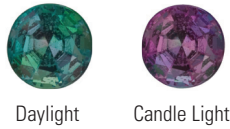
ALEXANDRITE



A relatively new star on the jewelry scene, Alexandrite was discovered in the 19th century and named for the czar of Russia. This fascinating gemstone's color changes depending on the light source: green by daylight and red by indoor light.

Often cited as a birthstone for June, Alexandrite is also used to celebrate 45th and 55th anniversaries. In keeping with its modern pedigree, Alexandrite is often employed

in lasers, usually for hair removal on those with fair skin. In addition to scientists, this stone is beloved by connoisseurs, not only for its rarity but also for its seemingly magical color change.



Daylight

Candle Light

shape / cut	ROUND
quality	A, AA
mm	1.5 to 4.0

Gem Species: Chrysoberyl

Hardness: 8.5

Enhancement Code: Natural

Quality Information:

A: Light green/greenish blue; weak to low color change; included

AA: Green/greenish blue; moderate to medium color change; slightly included

Care: Rated "excellent" for everyday wear. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.

Major Sources: Brazil, Madagascar, Sri Lanka
stuller.com/alexandrite

With 3C: Choose/Change/Create, you have endless options. Many Stuller mountings can be altered to hold any size or shape of the stones we present in this catalog.

For information and inspiration, visit stuller.com/3C.



71586

71586 CENTER STONE OPTIONS

	Round	5.0, 5.2, 5.5, 5.8, 6.0, 6.5, 7.0, 7.4, 7.5, 8.0, 8.2, 8.8, 9.0, 9.4, 9.5, 10.0											
													
Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Iolite	Onyx	Opal (Mexican Fire)	Peridot	Quartz (Green)	Quartz (Smoky)
													
Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (Yellow)	Sapphire (White)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)	Zircon	
	Oval	6x4, 7x5, 8x6, 9x7, 10x8, 11x9											
													
Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Garnet (Tsavorite)	Iolite	Onyx	Opal (Mexican Fire)	Peridot	Quartz (Green)
													
Quartz (Smoky)	Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)	Zircon
	Emerald	6x4, 7x5, 8x6, 9x7, 10x8, 11x9											
													
Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Iolite	Onyx	Peridot	Quartz (Green)	Quartz (Lemon)	Quartz (Smoky)	Sapphire (Blue)
													
Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)							
	Square/Princess	5.0, 5.25, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 9.0, 9.5, 10.0											
													
Amethyst	Aquamarine	Citrine	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Iolite	Peridot	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Pink)		
	Marquise	8x4, 9x4.5, 10x5, 12x6											
													
Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Garnet (Mozambique)	Garnet (Rhodolite)	Onyx	Peridot	Quartz (Smoky)	Sapphire (Blue)	Sapphire (White)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)
													
Topaz (Swiss Blue)	Tourmaline (Green)	Tourmaline (Pink)											
	Pear	6x4, 7x5, 8x5, 8x6, 9x6, 10x7, 12x8											
													
Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Garnet (Tsavorite)	Iolite	Onyx	Opal (Mexican Fire)	Peridot	Quartz (Smoky)	Ruby
													
Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Green)	Tourmaline (Pink)	Zircon				
	Heart	5.0, 6.0, 7.0, 8.0											
													
Amethyst	Citrine	Garnet (Mozambique)	Garnet (Rhodolite)	Onyx	Peridot	Sapphire (Blue)							
													
Sapphire (Pink)	Sapphire (White)	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Green)	Tourmaline (Pink)							
	Antique Square	5.0, 6.0, 7.0, 8.0, 9.0, 10.0											
													
Amethyst	Citrine	Garnet (Mozambique)	Garnet (Rhodolite)	Onyx	Peridot								
													
Quartz (Green)	Quartz (Lemon)	Quartz (Smoky)	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)								

*Gemstones may not be available in every size listed.

AMETHYST



This regal gemstone has been valued for millennia. Ranging in color from a delicate lilac to deepest plum, the beauty of amethyst has been appreciated from ancient Egypt and Israel to the modern day. Believed to promote sobriety and clarity of thought, this form of quartz was used in the Middle Ages as an antidote to poison.

The birthstone for February and the gem to celebrate the 4th, 6th, 9th and 17th anniversaries, amethyst is also the state gemstone for South Carolina. The purple hues of amethyst make it a gorgeous and fashionable choice for all styles of jewelry.

Gem Species: Quartz
Hardness: 7
Enhancement Code: SC
Quality Information:

A: Light to medium purple, little or no color zoning; eye clean to slight imperfections; good cut

AA: Medium to medium dark purple, little or no color zoning; eye clean to slight imperfections; good cut

SWAROVSKI GEMS™ Lilac Fine: Light to medium color; minimal eye visible inclusions

SWAROVSKI GEMS™ Violet Fine: Medium to dark color; minimal eye visible inclusions.

Care: Rated "good" for everyday wear. Avoid direct sunlight and exposure to heat which may cause color to fade. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Africa, South America

stuller.com/amethyst

shape / cut	ANTIQUE CUSHION	ANTIQUE CUSHION CHECKERBOARD-CUT	ANTIQUE SQUARE	ANTIQUE SQUARE CHECKERBOARD-CUT	STRAIGHT BAGUETTE		
quality	A, AA	A, AA	A, AA	A, AA	A, AA		
mm	8x6 to 14x10	8x6 to 10x8	5x5 to 8x8	5x5 to 12x12	4x2 to 5x3		
shape / cut	BRIOLETTE	EMERALD / OCTAGON	HEART	MARQUISE	OVAL	OVAL CABOCHON-CUT	
quality	AA	A, AA	A, AA	A, AA	A, AA	AA	
mm	6x4 to 10x5	5x3 to 16x12	4x4 to 10x10	4x2 to 15x7	4x3 to 18x13	5x3 to 16x12	
shape / cut	OVAL CHECKERBOARD-CUT	PEAR	PEAR CABOCHON-CUT	ROUND	ROUND	ROUND CABOCHON-CUT	ROUND CHECKERBOARD-CUT
quality	A, AA	A, AA	AA	A, AA	SWAROVSKI GEMS™ Lilac Fine, Violet Fine	AA	A, AA
mm	5.5x4 to 12x10	5x3 to 16x12	5x3 to 10x7	1.0 to 10.0	2.0 to 4.0	3.0 to 12.0	7.0 to 8.0
shape / cut	SQUARE CABOCHON-CUT	SQUARE PRINCESS-CUT	SQUARE PRINCESS-CUT	SQUARE STEP-CUT	TRILLION	TRILLION CHECKERBOARD-CUT	TRILLION CABOCHON-CUT
quality	AA	A, AA	SWAROVSKI GEMS™ Lilac Fine, Violet Fine	A, AA	A, AA	A	AA
mm	3.0 to 10.0	2.0 to 8.0	2.0 to 4.0	3.0 to 9.0	3.0 to 10.0	8.0	6.0

AMETRINE



Purple and gold, the most royal of colors, are beautifully displayed in ametrine. Discovered by conquistadors in the 17th century, ametrine became an instant favorite of the Spanish court.

A rare combination of amethyst and citrine in the same crystal, ametrine is usually cut into rectangular shapes to highlight the distinctive bands of color. Bolivia remains the only natural source of this remarkable gem.



shape / cut	ANTIQUE CUSHION	EMERALD / OCTAGON
quality	AA	AA
mm	9x7 to 12x10	7x5 to 18x13

Gem Species: Quartz
Hardness: 7
Enhancement Code: N
Quality Information:

AA: Light to medium purple and light to medium golden yellow; eye clean; good cut; good polish
Care: Rated "good" for everyday wear. Avoid direct sunlight and exposure to heat which may cause color to fade. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Bolivia
stuller.com/ametrine

AQUAMARINE



With color reminiscent of tropical oceans, it's no surprise this gemstone's name derives from Latin for "water of the sea." The Romans believed aquamarine absorbed

and protected young love, making it an ideal romantic gift. It is the 16th and 19th anniversary gemstone, as well as the birthstone for March.

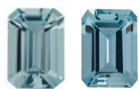
Colorado claims aquamarine as its state gemstone, but Brazil probably has more bragging rights after discovering an aquamarine of 243 pounds, which was eventually cut into stones of more than 100,000 carats. This light blue beauty has long been a favorite of jewelers and consumers alike.

Gem Species: Beryl
Hardness: 7.5-8
Enhancement Code: H
Quality Information:

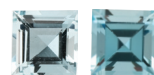
A: Medium to light color; included; good cut
AA: Medium color; eye clean; good cut
Care: Rated "good" for everyday wear. Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.

Major Sources: Afghanistan, Africa, China, India, Pakistan, Russia, South America

stuller.com/aquamarine



shape / cut	STRAIGHT BAGUETTE	EMERALD / OCTAGON	OVAL	MARQUISE
quality	A, AA	A, AA	A, AA	A, AA
mm	4x2 to 5x2	5x3 to 10x8	5x3 to 10x8	4x2 to 10x5



shape / cut	PEAR	ROUND	SQUARE PRINCESS-CUT	SQUARE STEP-CUT	TRILLION
quality	A, AA	A, AA	A, AA	A, AA	A, AA
mm	5x3 to 10x7	1.0 to 6.5	2.0 to 6.0	4.0 to 6.0	3.5 to 7.0

With 3C: Choose/Change/Create, you have endless options. Many Stuller mountings can be altered to hold any size or shape of the stones we present in this catalog.

For information and inspiration, visit stuller.com/3C.



71588

71588 CENTER STONE OPTIONS



	Round	5.0, 5.2, 5.5, 5.8, 6.0, 6.5, 7.0, 7.4, 7.5, 8.0, 8.2, 8.8, 9.0, 9.4, 9.5, 10.0												
														
Amethyst	Aquamarine	Citrine	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Garnet (Tsavorite)	Iolite	Opal (Mexican Fire)	Peridot	Quartz (Green)	Quartz (Lemon)	Quartz (Smoky)	
														
Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)	Zircon			
	Oval	6x4, 7x5, 8x6, 9x7, 10x8, 11x9, 12x10												
														
Amethyst	Aquamarine	Citrine	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Garnet (Tsavorite)	Iolite	Morganite	Onyx	Opal (Mexican Fire)	Peridot	Quartz (Green)	
														
Quartz (Lemon)	Quartz (Smoky)	Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Spinel (Pink)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	
														
Tourmaline (Pink)	Zircon													
	Emerald	6x4, 7x5, 8x6, 9x7, 10x8, 11x9, 12x10												
														
Amethyst	Aquamarine	Citrine	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Iolite	Onyx	Peridot	Quartz (Green)	Quartz (Lemon)	Quartz (Smoky)	Ruby	Sapphire (Blue)	
														
Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)	Zircon				
	Square/Princess	5.0, 5.25, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0												
														
Amethyst	Aquamarine	Citrine	Garnet (Mozambique)	Garnet (Rhodolite)	Iolite	Peridot	Quartz (Green)	Quartz (Lemon)	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Tanzanite	
														
Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)									
	Marquise	8x4, 9x4.5, 10x5, 12x6												
														
Amethyst	Aquamarine	Citrine	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Iolite	Onyx	Peridot	Quartz (Smoky)	Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	
														
Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Green)	Tourmaline (Pink)	Zircon								
	Pear	6x4, 7x5, 8x5, 8x6, 9x6, 10x7, 12x8												
														
Amethyst	Aquamarine	Citrine	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Garnet (Tsavorite)	Iolite	Onyx	Opal (Mexican Fire)	Peridot	Quartz (Smoky)	Ruby	
														
Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Green)	Tourmaline (Pink)	Zircon				
	Heart	5.0, 6.0, 7.0, 8.0, 9.0, 10.0												
														
Amethyst	Citrine	Garnet (Mozambique)	Garnet (Rhodolite)	Onyx	Peridot	Ruby								
														
Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Pink)								
	Antique Square	5.0, 6.0, 7.0, 8.0												
														
Amethyst	Citrine	Garnet (Mozambique)	Garnet (Rhodolite)	Onyx	Peridot									
														
Quartz (Green)	Quartz (Lemon)	Quartz (Smoky)	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)									

*Gemstones may not be available in every size listed.

ROUND GEMSTONE BEADS

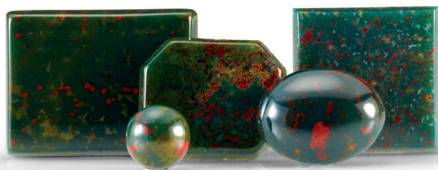
Gem Species: Hematite
Enhancement Code: SC
Major Sources: Brazil, Canada, England, Germany, Italy, Norway, Sweden, Switzerland, United States, Venezuela

Gem Species: Malachite
Enhancement Code: SC
Major Sources: Australia, England, France, Namibia, Romania, Russia, South Africa, United States, Zaire, Zimbabwe

								
species / cut	CORAL, FULLY-DRILLED PINK, RED	CORAL, HALF-DRILLED PINK, RED	HEMATITE, FULLY-DRILLED	HEMATITE, HALF-DRILLED	HEMATITE, 16" STRAND			
quality	Standard	Standard	Standard	Standard	Standard			
mm	4.0 to 6.0	4.0 to 6.0	4.0 to 12.0	4.0 to 6.0	10.0 to 12.0			
								
species / cut	NEPHRITE JADE, FULLY-DRILLED	NEPHRITE JADE, HALF-DRILLED	LAPIS, FULLY-DRILLED	LAPIS, HALF-DRILLED	MALACHITE, FULLY-DRILLED	MALACHITE, HALF-DRILLED		
quality	Standard	Standard	Standard	Standard	Standard	Standard		
mm	4.0 to 6.0	4.0 to 6.0	4.0 to 6.0	4.0 to 6.0	4.0 to 6.0	4.0 to 6.0		
								
species / cut	ONYX, FULLY-DRILLED	ONYX, HALF-DRILLED	ONYX, 16" STRAND	TIGER EYE, FULLY-DRILLED	TIGER EYE, HALF-DRILLED	TIGER EYE, 16" STRAND		
quality	Standard	Standard	Standard	Brown	Brown	Brown		
mm	4.0 to 8.0	4.0 to 8.0	4.0 to 8.0	4.0 to 6.0	4.0 to 6.0	4.0		

Information for other species of beads can be found on their respective gemstone pages.

BLOODSTONE



The combination of profound deep green spangled with vivid spots of red earns this unusual stone the gothically romantic name of bloodstone. The startling color contrast has spawned many legends, but today it is valued for its unique aesthetic appeal.

Frequently used as a birthstone for March, bloodstone is also considered by various cultures as an aid to sobriety and also, perhaps surprisingly, as an aphrodisiac.

Gem Species: Chalcedony

Hardness: 6.5-7

Enhancement Code: N

Quality Information:

Standard: Dark green with red to brownish spots

Care: Rated "fair" for everyday wear. Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Australia, Brazil, China, India, United States

stuller.com/bloodstone



shape / cut	CUSHION, BUFF TOP-CUT	EMERALD / OCTAGON, BUFF TOP-CUT	OVAL, CABOCHON-CUT	OVAL, BUFF TOP-CUT	ROUND, CABOCHON-CUT	SQUARE, BUFF TOP-CUT
quality	Standard	Standard	Standard	Standard	Standard	Standard
mm	10x8 to 16x12	10x8 to 16x12	5x3 to 10x8	10x8 to 16x12	3.0 to 6.0	10.0 to 12.0

CAMEO



The tradition of carving images into precious materials dates back thousands of years, and was first used for official portraits and seals. Use of shells for cameos began around the 15th century

and peaked in the Victorian era. With shell cameos, the white foreground image appears against a reddish-orange background, whereas in agate cameos, the image has a black background. With either, the timeless beauty of a hand-carved cameo is a truly classic fashion accessory.

Gem Species Shell: Calcareous

Gem Species Agate: Chalcedony

Shell Hardness: 3.5-4 **Agate Hardness:** 6.5-7

Enhancement Code: N

Quality Information:

Shell Carving: White face on orange to brown background; facing left or right

Agate Carving: White face on black agate background; facing left or right

Care: Cameos are quite fragile; not for everyday wear. Care should be taken when wearing.

Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, wipe gently with a moist cloth. For gem properties and reactions, see pages 124-125.

Shell Major Sources: Tropic and sub-tropic zones

stuller.com/cameo



shape / cut	OVAL ORANGE SHELL	OVAL, BLACK AGATE, VICTORIAN LADY A	OVAL, BLACK AGATE, VICTORIAN LADY B	OVAL, BLACK AGATE, VICTORIAN LADY C	OVAL, BLACK AGATE, WOMAN AND CHILD	OVAL, BLACK AGATE, THREE LADIES
quality	Standard	Standard	Standard	Standard	Standard	Standard
mm	6x4 to 8x6	14x10 to 25x18	14x10 to 25x18	14x10 to 25x18	14x10 to 25x18	18x13 to 25x18

CARNELIAN



The complex red-orange color of Carnelian inspired the ancient Egyptians to call it “the setting sun.” Prized by pharaohs for millennia, carnelian can be seen in magnificent Egyptian antiquities. Carnelian is also mentioned in the Bible from Exodus to the visions of Revelations.

Sometimes used to celebrate the 17th anniversary, this stone adds a rich warmth to any jewelry wardrobe.



shape / cut	OVAL, CABOCHON-CUT	ROUND, CABOCHON-CUT
quality	Standard	Standard
mm	6x4 to 14x10	3.0 to 10.0

Gem Species: Chalcedony

Hardness: 6.5-7

Enhancement Code: SC

Quality Information:

Reddish Orange: Orangey red to brownish orange; medium dome

Care: Rated “fair” for everyday wear. Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Brazil, India, Uruguay

stuller.com/carnelian

CHALCEDONY



Blue chalcedony displays a dusky, pastel beauty that embodies romantic fashions and dreams. From Native American tribes to the courts of Israel, chalcedony has always been universally cherished.

The state gemstone of Nevada, blue chalcedony’s popularity isn’t limited by region. It is recognized as an intriguing statement in the contemporary reinterpretation of vintage design.



shape / cut	OVAL, CABOCHON-CUT	ROUND, CABOCHON-CUT
quality	Standard	Standard
mm	8x6 to 14x10	4.0 to 10.0

Gem Species: Chalcedony

Hardness: 6.5-7

Enhancement Code: N

Quality Information:

Blue: Light to medium powder blue; translucent to opaque; medium dome

Care: Rated “fair” for everyday wear. Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Africa

stuller.com/chalcedony

CHRYSOPRASE



Chrysoprase is Greek for “gold leek-green” — an apt description for the color of this lush translucent gemstone. Chrysoprase was used in jewelry and royal seals from Babylon and Israel to Greece and Rome. Alexander the Great always sported one in his belt when going into battle.

After discoveries of the great Egyptian treasures, chrysoprase became a staple of Victorian jewelry designs. The deep luster and high polish, combined with its exuberant apple-green color, ensures continuing high demand.



shape / cut	OVAL, CABOCHON-CUT	ROUND, CABOCHON-CUT
quality	Standard	Standard
mm	6x4 to 12x10	4.0 to 10.0

Gem Species: Chalcedony

Hardness: 6.5-7

Enhancement Code: N

Quality Information:

Standard: Medium bright green; translucent to opaque; medium dome

Care: Rated “fair” for everyday wear. Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Australia, Brazil, Europe

stuller.com/chrysoprase



French for "lemon", citrine was once believed to protect against everything from snake venom to wicked thoughts. Today its radiant color is associated with joyfulness, youth and vitality. Bright yellow citrine is a natural for designs that commemorate the richness of autumn.

Those born in November can celebrate with this gorgeous gem, as well as those who wish to mark their 11th and 13th anniversaries.

Gem Species: Quartz
Hardness: 7
Enhancement Code: H
Quality Information:
A: Light slightly golden yellow, little or no color zoning; eye clean; good cut
AA: Medium golden yellow, little or no color zoning; eye clean; good cut
SWAROVSKI GEMS™ Golden Fine: Medium to dark color; minimal eye-visible inclusions
SWAROVSKI GEMS™ Saffron Fine: Light to medium color; minimal eye-visible inclusions
Care: Rated "good" for everyday wear. Avoid direct sunlight and exposure to heat which may cause color to fade. Avoid contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.
Major Sources: Bolivia, Brazil
stuller.com/citrine


shape / cut	ANTIQUE CUSHION	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE SQUARE	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	
quality	A, AA	A, AA	A, AA	A, AA	A, AA	
mm	8x6 to 14x10	8x6 to 10x8	5.0 to 12.0	5.0 to 12.0	4x2 to 6x3	
shape / cut	BRIOLETTE, SIDE-DRILLED	EMERALD / OCTAGON	HEART	MARQUISE	OVAL	
quality	AA	A, AA	A, AA	A, AA	A, AA	
mm	6x4 to 10x5	5x3 to 16x12	4.0 to 10.0	4x2 to 15x7	5x3 to 18x13	
shape / cut	OVAL, CABOCHON-CUT	PEAR	PEAR, CABOCHON-CUT	ROUND	ROUND, CABOCHON-CUT	
quality	AA	A, AA	AA	A, AA	SWAROVSKI GEMS™ Saffron Fine, Golden Fine AA	
mm	5x3 to 14x10	5x3 to 15x10	5x3 to 7x5	1.5 to 8.0	1.5 to 4.0 2.5 to 10.0	
shape / cut	ROUND, CHECKERBOARD-CUT	SQUARE, CABOCHON-CUT	SQUARE, PRINCESS-CUT	SQUARE, PRINCESS-CUT	SQUARE, STEP-CUT	TRILLION
quality	A, AA	AA	A, AA	SWAROVSKI GEMS™ Saffron Fine, Golden Fine A, AA	A, AA	
mm	7.0 to 8.0	3.0 to 10.0	3.5 to 8.0	2.0 to 4.0	3.0 to 6.0 4.0 to 8.0	

MADEIRA CITRINE



Suffused with tones of amber, orange and honeyed caramel, this gem is named after the legendary sherry wines of the Madeira Islands. Best set in yellow gold, the rich organic color of Madeira Citrine is a great complement to fall fashions.

			
shape / cut	ANTIQUÉ CUSHION	ANTIQUÉ CUSHION, CHECKERBOARD-CUT	ANTIQUÉ SQUARE, CHECKERBOARD-CUT
quality	Madeira	Madeira	Madeira
mm	8x6 to 14x10	8x6 to 9x7	5.0 to 6.0







							
shape / cut	EMERALD/OCTAGON	MARQUISE	OVAL	PEAR	ROUND	SQUARE, PRINCESS-CUT	TRILLION
quality	Madeira	Madeira	Madeira	Madeira	Madeira	Madeira	Madeira
mm	5x3 to 9x7	4x2 to 10x5	5x3 to 10x8	5x3 to 10x7	2.0 to 6.0	4.0 to 6.5	4.0 to 6.0

CORAL



Made from the polished skeletons of marine plants, coral was one of the very first gems used for adornment. This treasure from the sea, like the pearl, is one of the few organic gems. Its popularity has continued from earliest times.

Frequently given as a gift for 35th wedding anniversaries, the warmth of coral makes it a standout in romantic designs.

						
shape / cut	MARQUISE, CABOCHON-CUT	OVAL, CABOCHON-CUT	PEAR, CABOCHON-CUT	ROUND, CABOCHON-CUT	ROUND BEAD, FULLY-DRILLED	ROUND BEAD, HALF-DRILLED
quality	Standard	Standard	Standard	Standard	Standard	Standard
mm	4x2 to 12x6	5x3 to 12x10	5x3 to 10x7	2.0 to 10.0	4.0 to 6.0	4.0 to 6.0

Gem Species: Quartz
Hardness: 7
Enhancement Code: H
Quality Information:
Madeira: Medium to dark brownish orange; eye clean
Care: Rated "good" for everyday wear. Avoid direct sunlight and exposure to heat which may cause color to fade. Avoid contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.
Major Sources: Brazil
stuller.com/madeira-citrine

Gem Species: Calcareous
Hardness: 3.5-4
Enhancement Code: N
Quality Information:
Pink: Light to medium salmon; good polish; good shape (beads may display possible natural cracks and blemishes)
Red: Medium to dark orangy red; good polish; good shape (beads may display possible natural cracks and blemishes)
Care: Coral is not for everyday wear, and one should take care when wearing. Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, wipe gently with a moist cloth. For gem properties and reactions, see pages 124-125.
Major Sources: Australia, Ireland, Japan, Malaysia, Mediterranean Sea, Philippines, Taiwan
stuller.com/coral

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122003

122003 CENTER STONE OPTIONS

Round 4.5, 4.8, 5.0, 5.2, 5.5, 5.8, 6.0, 6.5, 7.0, 7.4, 7.5, 8.0, 8.2, 8.8, 9.0, 9.4, 9.5, 10.0

Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Garnet (Tsavorite)	Iolite	Onyx	Opal (Mexican Fire)	Peridot	Quartz (Green)
Quartz (Smoky)	Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Spinel (Pink)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)
Zircon													

Oval 5x3, 5x4, 6x4, 7x5, 8x6, 9x7, 10x8, 11x9, 12x10

Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Garnet (Tsavorite)	Iolite	Morganite	Onyx	Opal (Mexican Fire)	Peridot
Quartz (Green)	Quartz (Lemon)	Quartz (Smoky)	Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Spinel (Pink)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)
Tourmaline (Green)	Tourmaline (Pink)	Zircon											

Emerald 5x3, 6x4, 7x5, 8x6, 9x7

Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Iolite	Onyx	Peridot	Quartz (Smoky)	Ruby	Sapphire (Blue)	Sapphire (Pink)
Sapphire (White)	Sapphire (Yellow)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)	Zircon				

Square/Princess 4.0, 4.5, 4.75, 5.0, 5.25, 5.5, 6.0, 6.5, 7.0

Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Garnet (Tsavorite)	Iolite	Peridot	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)
Sapphire (Yellow)	Spinel (Pink)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)					

Antique Square 5.0, 6.0, 7.0, 8.0, 9.0

Amethyst	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Onyx	Peridot	Quartz (Green)	Quartz (Lemon)	Quartz (Smoky)	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)

Gemstones | 3C: CHOOSE/CHANGE/CREATE™

*Gemstones may not be available in every size listed.



The source of many legends and mysteries, the emerald was gathered in Cleopatra's Mines near the Red Sea, worshipped by the Incas and Aztecs, and treasured by the Maharajas of India. Its rich green color makes it a fitting birthstone for the month of May. Emerald also celebrates the 20th, 35th and 55th wedding anniversaries.



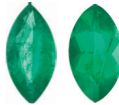


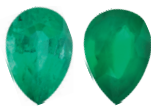
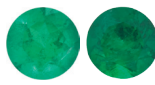
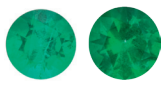

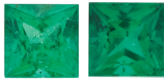


The state gemstone of North Carolina is found in many locations around the world. The conquistadors brought emeralds of astonishing size to Europe from their explorations of South America. The Bank of Bogotá in Colombia still houses impressive specimens of up to 1,796 carats. Perhaps the most astonishing emerald artwork is found in Vienna: a vase carved from a single gemstone of over 2,200 carats.

Gem Species: Beryl
Hardness: 7.5-8
Enhancement Code: 0
Quality Information:

A: Medium color; slightly included; good cut; good polish
AA: Medium dark to dark color; slightly included; high brilliance; good cut; good polish
Care: Rated "fair to good" for everyday wear with care. Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.

Major Sources: Afghanistan, Brazil, Columbia, India, Pakistan, Russia, Zambia, Zimbabwe

stuller.com/emerald

				
shape / cut	STRAIGHT BAGUETTE	EMERALD / OCTAGON	MARQUISE	OVAL
quality	A, AA	A, AA	A, AA	A, AA
mm	3x1.5 to 5x2	4x3 to 8x6	3x1.5 to 8x4	4x3 to 8x6
				
shape / cut	OVAL, CABOCHON-CUT	PEAR	ROUND	ROUND, DIAMOND-CUT
quality	AA	A, AA	A, AA	A, AA
mm	5x3 to 6x4	4x3 to 7x5	1.25 to 6.0	1.0 to 5.0
				
shape / cut	ROUND, CABOCHON-CUT	SQUARE, PRINCESS-CUT	SQUARE, STEP-CUT	TRILLION
quality	AA	A, AA	A, AA	A, AA
mm	2.0 to 4.0	1.5 to 4.5	1.25 to 3.0	3.0 to 7.0

MOZAMBIQUE GARNET



With a warm, rich red color, Mozambique garnets can set fire to any jewelry design. Not surprisingly, Mozambique is the source for this deep red form of garnet, the birthstone for January. Popular for its wine-red color, garnet is also used to celebrate second wedding anniversaries.

The state mineral of Connecticut and gemstone of New York, garnet is a naturally beautiful gem, requires no treatments and is hardy enough for everyday wear. It may be surprising to know that garnets come in a variety of colors, but red stones remain the most popular.

Gem Species: Pyrope
Hardness: 7-7.5
Enhancement Code: N
Quality Information:
AA: Medium to dark red to orange brown; eye clean; good cut
Care: Rated "good" for everyday wear. Avoid exposure to heat and sudden changes in temperature. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.
Major Sources: Africa
stuller.com/mozambique-garnet

shape / cut	ANTIQUE CUSHION	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE SQUARE	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	TAPERED BAGUETTE	BRIOLETTE
quality	AA	AA	AA	AA	AA	AA	AA
mm	8x6 to 14x10	8x6 to 10x8	5.0 to 12.0	5.0 to 12.0	4x2 to 5x2.5	4x2x1.5	6x4 to 10x5

shape / cut	EMERALD / OCTAGON	EMERALD/OCTAGON, RADIANT-CUT	HEART	HEART, CABOCHON-CUT	MARQUISE	OVAL
quality	AA	AA	AA	AA	AA	AA
mm	5x3 to 12x10	14x10	4.0 to 8.0	4.0 to 6.0	4x2 to 15x7	5x3 to 18x13

shape / cut	OVAL, CABOCHON-CUT	PEAR	PEAR, CABOCHON-CUT	ROUND	ROUND, CHECKERBOARD-CUT	
quality	AA	AA	AA	AA	AA	
mm	5x3 to 12x10	5x3 to 12x8	5x3 to 10x7	1.0 to 10.0	3.0 to 7.0	7.0 to 8.0

shape / cut	SQUARE, CABOCHON-CUT	SQUARE, PRINCESS-CUT	SQUARE, STEP-CUT	TRILLION	TRILLION, CABOCHON-CUT	TRILLION, CHECKERBOARD-CUT
quality	AA	AA	AA	AA	AA	AA
mm	3.0 to 8.0	2.0 to 8.0	3.0 to 8.0	4.0 to 6.0	6.0	7.0

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For information and inspiration, visit stuller.com/3C.



85435

85435 CENTER STONE OPTIONS

 Round	4.0, 4.1, 4.4, 4.5, 4.8, 5.0, 5.2, 5.5, 5.8, 6.0, 6.5, 7.0, 7.4, 7.5, 8.0, 8.2, 8.8, 9.0, 9.4, 9.5, 10.0, 11.0, 12.0													
														
														
														
 Oval	6x4, 7x5, 8x6, 9x7, 10x8, 11x9, 12x10													
														
														
														
 Emerald	6x4, 7x5, 8x6, 9x7, 10x8, 11x9, 12x10													
														
														
 Square/Princess	5.0, 5.25, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 9.0, 9.5, 10.0													
														
 Marquise	8x4, 9x4.5, 10x5, 12x6													
														
														
 Pear	6x4, 7x5, 8x5, 8x6, 9x6, 10x7, 12x8													
														
														
 Heart	5.0, 6.0, 7.0, 8.0, 9.0, 10.0						 Antique Square	5.0, 6.0, 7.0, 8.0, 9.0, 10.0						
														
														

*Gemstones may not be available in every size listed.

RHODOLITE GARNET



The velvety red with tones of raspberry that defines rhodolite garnet is highlighted by its impressive brilliance. Favored since Egyptian times, garnets appear in stories and legends throughout history. Rhodolite garnet are somewhat lighter in hue than other garnets and have a similar impact to fine rubies, without the accompanying high price.

Although reasonably priced, rhodolite garnets still shine in stunning jewelry creations. In 1996, a brooch from the estate of Jacqueline Kennedy Onassis sold for \$145,000.

Gem Species: Rhodolite

Hardness: 7-7.5

Enhancement Code: N

Quality Information:

AA: Medium to dark raspberry to plum; eye clean; good cut

SWAROVSKI GEMS™ Pink Rose Fine:

Light to medium color; minimal eye-visible inclusions

SWAROVSKI GEMS™ Raspberry Fine:

Medium to dark color; minimal eye-visible inclusions

Care: Rated "good" for everyday wear. Avoid exposure to heat and sudden changes in temperature. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: East Africa, India, Sri Lanka

stuller.com/rhodolite-garnet

						
shape / cut	ANTIQUE CUSHION	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE SQUARE	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	EMERALD / OCTAGON
quality	AA	AA	AA	AA	AA	AA
mm	8x6 to 10x8	8x6 to 10x8	5.0 to 10.0	7.0 to 10.0	4x2 to 5x2	5x3 to 8x6
						
shape / cut	HEART	MARQUISE	OVAL	OVAL, CABOCHON-CUT	PEAR	PEAR, CABOCHON-CUT
quality	AA	AA	AA	AA	AA	AA
mm	3.0 to 7.0	4x2 to 10x5	5x3 to 14x12	5x3 to 9x7	5x3 to 10x7	5x3 to 8x5
						
shape / cut	ROUND	ROUND	ROUND	ROUND, CABOCHON-CUT	ROUND, CHECKERBOARD-CUT	ROUND, CHECKERBOARD-CUT
quality	AA	SWAROVSKI GEMS™ Pink Rose, Fine	SWAROVSKI GEMS™ Raspberry, Fine	AA	AA	AA
mm	1.0 to 8.0	2.25 to 4.0	2.0 to 4.0	2.5 to 6.0	7.0 to 8.0	7.0 to 8.0
						
shape / cut	SQUARE, CABOCHON-CUT	SQUARE, PRINCESS-CUT	SQUARE, PRINCESS-CUT	SQUARE, PRINCESS-CUT	TRILLION	TRILLION, CABOCHON-CUT
quality	AA	AA	SWAROVSKI GEMS™ Pink Rose, Fine	SWAROVSKI GEMS™ Raspberry, Fine	AA	AA
mm	3.0 to 6.0	3.5 to 6.5	2.0 to 4.0	2.0 to 4.0	4.0 to 6.0	6.0

SPESSARTITE GARNET



With colors of a tropical sunset, spessartite is a relative newcomer to the jewelry world. Often called mandarin garnet, this attractive gemstone was once so rare it was available only to collectors. Discoveries of new sources brought this fiery beauty

to the market in the 1990s, and it quickly became a star with designers. With its standout orange color and brilliance, the popularity of spessartite will no doubt shine on.



shape / cut	OVAL	PEAR	ROUND
quality	AA	AA	AA
mm	4x3 to 7x5	4x3 to 8x5	2.5 to 6.5

Gem Species: Spessartite

Hardness: 7-7.5

Enhancement Code: N

Quality Information:

AA: Medium to yellowish orange; very slightly included; good cut

Care: Rated "good" for everyday wear. Avoid exposure to heat and sudden changes in temperature. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Australia, Brazil, East Africa, India, Israel, Pakistan, Sri Lanka

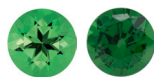
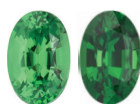
stuller.com/spessartite-garnet

TSAVORITE GARNET



Tsavorite is a beautiful example of how not all garnets are red. Ranging from a light, verdant green to rich deep forest, tsavorite was discovered in 1967 in Tanzania. Enthusiastically promoted by Tiffany & Co., it was Tiffany's president, Sir Henry Platt, who suggested the name *tsavorite*, in honor of Tsavo National Park in Kenya.

Although still relatively rare, especially in larger sizes, a whopping 925 carat crystal was unearthed in 2006 and produced a cut jewel of 325 carats. Happily, the brilliance and vivid color of tsavorite shines brightly in smaller sizes as well.



shape / cut	OVAL	PEAR	ROUND	SQUARE
quality	AA, AAA	AA, AAA	AA, AAA	AA, AAA
mm	4x3 to 7x5	4x3 to 7x5	1.0 to 5.0	1.5 to 4.5

Gem Species: Grossularite

Hardness: 7-7.5

Enhancement Code: N

Quality Information:

AA: Light to medium yellowish green, excellent color; eye clean; excellent polish

Care: Rated "good" for everyday wear. Avoid exposure to heat and sudden changes in temperature. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Brazil, East Africa, India, Sri Lanka

stuller.com/tsavorite-garnet

IOLITE



Derived from the Greek word for “violet,” the soothing color of this gem gives it its name. An interesting property of this iolite is what is known as “pleochroism,” that is, its color changes with the direction of the light that illuminates it. Iolite can appear violet blue, clear or even golden yellow, depending on the source of light. Because of this

property, the Vikings used iolite on their voyages to determine the direction of the sun in dense fog, overcast conditions and even when the sun was below the horizon, giving it the name *Vikings’ Compass*.

Often given to celebrate the 21st anniversary, iolite is mined in many locations. Recent explorations of deposits in Wyoming revealed a specimen of more than 24,000 carats.

Gem Species: Iolite

Hardness: 7-7.5

Enhancement Code: N

Quality Information:

AA: Medium light to dark grayish purple, grape color; eye clean; good cut

Care: Rated “fair” for everyday wear with care. Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.

Major Sources: Brazil, India, Madagascar, Namibia, Sri Lanka, Tanzania

stuller.com/iolite

shape / cut	EMERALD / OCTAGON	MARQUISE	OVAL	PEAR	ROUND	SQUARE, STEP-CUT	TRILLION
quality	AA	AA	AA	AA	AA	AA	AA
mm	5x3 to 8x6	4x2 to 8x4	4x3 to 12x10	5x3 to 8x5	2.0 to 6.0	2.5 to 6.0	4.0 to 6.5

NEPHRITE JADE



One of two stones known as “jade,” nephrite has been treasured since Neolithic times. Originally valued for its toughness, jade was carved for weapons and tools. By 3000 B.C. it was considered a royal gem by cultures from imperial China to ancient Egypt to the Maori of New Zealand. Its value was comparable to gold and diamonds.

Often given to honor 35th anniversaries, the state gemstone of Alaska represents strength, love, harmony and balance.

Gem Species: Nephrite

Hardness: 6-6.5

Enhancement Code: N

Quality Information:

Standard: Medium to medium dark apple green; good cut; good polish; low dome

Care: Rated “fair” for everyday wear with care. Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Australia, Canada, China, New Zealand, Taiwan

stuller.com/jade

shape / cut	MARQUISE, CABOCHON-CUT	OVAL, CABOCHON-CUT	PEAR, CABOCHON-CUT	ROUND, CABOCHON-CUT	ROUND BEAD, FULLY-DRILLED	ROUND BEAD, HALF-DRILLED
quality	Standard	Standard	Standard	Standard	Standard	Standard
mm	4x2 to 15x7	5x3 to 18x13	5x3 to 10x7	3.0 to 10.0	4.0 to 6.0	4.0 to 6.0

JADEITE JADE



As with nephrite, jadeite is a form of jade. Able to be carved into shapes varying from axes to statues, jadeite was highly treasured by the Olmec and Maya cultures of Mesoamerica in addition to cultures across Eurasia. One of the oldest stones to be worked, jade continues to be treasured today.

An intense, translucent green, jadeite is shown to advantage in smooth forms, such as beads and cabochons. It works beautifully in all designs, from the traditional to the most modern.

Gem Species: Jadeite
Hardness: 6.5-7
Enhancement Code: N
Quality Information:

Standard: Medium bright green; translucent to opaque; medium dome

Care: Rated "fair" for everyday wear with care. Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Brazil, Europe

stuller.com/jadeite



shape / cut	OVAL, CABOCHON-CUT	ROUND, CABOCHON-CUT
quality	Standard	Standard
mm	5x3 to 18x13	4.0 to 6.0

LABRADORITE



This shimmering beauty has been treasured in Labrador in northern Canada for centuries by the native Inuit. Because of its iridescent play of colors on a dark background, they

often said that the Northern Lights originated in this wondrous gemstone. A type of feldspar, labradorite is now known from sources ranging from Canada to Finland and Tibet. The luminescent colors displayed in the stone are so unusual that a unique name, "labradorescence," has been created to describe this dazzling phenomenon.

Gem Species: Feldspar
Hardness: 6-6.5
Enhancement Code: N
Quality Information:

Standard: Semi transparent light to medium grey background; flashes of blue; medium dome

Care: Rated "fair" for everyday wear with care. Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Australia, Brazil, Europe

stuller.com/labradorite



shape / cut	OVAL, CABOCHON-CUT	ROUND, CABOCHON-CUT
quality	Standard	Standard
mm	7x5 to 18x13	4.0 to 12.0

LAPIS



A celestial blue spangled with tiny golden stars: it's not surprising that the ancient Egyptians called lapis lazuli "the stone of heaven". For over 5,000 years lapis has been carved into gorgeous gems and figures, as well as ground to provide a highly valued pigment.

Given to celebrate the 9th anniversary, the beauty of lapis is shown to greatest advantage when smoothed to a high polish in cabochon and bead jewelry.

Gem Species: Lapis Lazuli

Hardness: 5-6

Enhancement Code: D

Quality Information:

Standard: Medium to dark blue; some gold flakes of Pyrite, even color; good polish; medium dome

Care: Lapis is rated "fair" for everyday wear with care. Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.

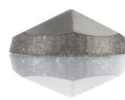
Major Sources: Afghanistan, Argentina, Canada, Chile

stuller.com/lapis



shape / cut	OVAL, CABOCHON-CUT	ROUND, CABOCHON-CUT	ROUND BEAD, FULLY-DRILLED	ROUND BEAD, HALF-DRILLED	SQUARE, BUFF TOP-CUT
quality	Standard	Standard	Standard	Standard	Standard
mm	5x3 to 14x12	4.0 to 12.0	4.0 to 6.0	4.0 to 6.0	10.0 to 12.0

MARCASITE



Metallic shine and rich, neutral color make Marcasite the essential accent stone. Gleaming like finely polished silver, Marcasite was highly favored by Art Deco designers

of the 20s and 30s. Today, the streamlined geometrics of that period are enjoying renewed popularity, as customers seek the glamour of Hollywood's "film noir" era and its sophisticated styles.

Gem Species: Pyrite

Hardness: 6-6.5

Enhancement Code: N

Quality Information:

Standard: Bright silvery gray

Care: Marcasite is rated "fair" for everyday wear with care. Avoid exposure to heat and protect from scratches and harsh blows. Typically, the surface will oxidize over time. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.

Major Sources: Brazil, Peru, United States

stuller.com/marcasite



shape / cut	ROUND	SQUARE
quality	Standard	Standard
mm	1.0 to 2.0	1.2 to 2.0

MOONSTONE



A milky gem shimmering with discreet glimmers of light – small wonder that ancients believed that moonstone was actually rays of moonlight given solid form. Prized throughout the ancient world, many regarded this magical stone as holy.

The state gemstone of Florida, ironically it is not found in that state: it was named in 1970 in honor of the lunar landing of Apollo 11. Considered a birthstone for June, the mystical beauty of this unusual gem makes it ideal for vintage and romantic settings.

Actually a colorless form of labradorite, rainbow moonstone has all the beauty and mystery of true moonstone, yet is more transparent. Believed to arouse romantic tenderness, rainbow moonstone makes a marvelous gift for all romantic occasions.

Gem Species: Orthoclase Feldspar

Hardness: 6-6.5

Enhancement Code: N

Quality Information:

Standard: Milky, transparent to opaque, medium dome

Rainbow: Displays spectral colors of red, blue and green; transparent to opaque

Care: Rated “good” for everyday wear. Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.

Major Sources: Australia, Brazil, India, Madagascar, Mexico, Sri Lanka, Tanzania, United States

stuller.com/moonstone



OVAL,
CABOCHON-CUT



OVAL,
RAINBOW CABOCHON-CUT



SQUARE,
CABOCHON-CUT



ROUND,
RAINBOW CABOCHON-CUT

shape / cut	OVAL, CABOCHON-CUT	OVAL, RAINBOW CABOCHON-CUT	SQUARE, CABOCHON-CUT	ROUND, RAINBOW CABOCHON-CUT
quality	Standard	AA	Standard	AA
mm	5x3 to 14x10	5x3 to 14x10	10.0	5.0 to 10.0

MORGANITE



The first gem quality morganite was discovered in Madagascar and was named in honor of J.P. Morgan, the famous banker, who was also an avid mineral collector. This charming gem is in the beryl family. The gentle pink hue of Morganite is due to traces of manganese.

The largest gem quality morganite was discovered in Maine in 1989, and was subsequently named the *Rose of Maine*. This highly brilliant stone is ideal for romantic designs to highlight its feminine beauty.

Gem Species: Beryl

Hardness: 7.5-8

Enhancement Code: H

Quality Information:

AA: Light to medium light pink; eye clean; good cut

Care: Rated “good” for everyday wear. Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.

Major Sources: Brazil, Madagascar, United States

stuller.com/morganite



OVAL

shape / cut	OVAL
quality	AA
mm	5x3 to 7x5



The velvety black of Onyx makes an unmistakable statement of power, authority and sophistication. Carved in the image of Mars, the God of war, Onyx was reputed to give courage to Roman soldiers.

A dramatic background for brilliantly colored gems, Onyx can also stand alone for a bold and richly self-assured look. Onyx complements designs inspired by medieval architecture or with natural styles influenced by the cultures of India and Africa. It's a natural for masculine jewelry.

Gem Species: Chalcedony

Hardness: 6.5-7

Enhancement Code: D

































Quality Information:

Standard: Black; good cut; good polish

Care: Rated "fair" for everyday wear. Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Brazil, Madagascar, United States, Uruguay

stuller.com/onyx

							
shape / cut	ANTIQUE CUSHION	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE CUSHION, FLAT TOP-CUT WITH HOLE	ANTIQUE SQUARE	ANTIQUE SQUARE, CHECKERBOARD-CUT	CUSHION, BUFF-TOPT CUT	
quality	Standard	Standard	Standard	Standard	Standard	Standard	
mm	8x6 to 10x8	8x6 to 10x8	12x10 to 14x12	5.0 to 6.0	5.0 to 12.0	5x3 to 18x13	
							
shape / cut	CUSHION, BUFF TOP-CUT WITH HOLE	CUSHION, FLAT-TOP CUT	CUSHION, FLAT TOP-CUT WITH HOLE	EMERALD / OCTAGON	EMERALD / OCTAGON, BUFF TOP-CUT	EMERALD / OCTAGON, BUFF TOP-CUT WITH HOLE	
quality	Standard	Standard	Standard	Standard	Standard	Standard	
mm	9x7 to 18x13	10x8	10x8 to 16x12	5x3 to 12x10	7x5 to 18x13	10x8 to 16x12	
							
shape / cut	EMERALD / OCTAGON, FLAT TOP-CUT WITH HOLE	HEART	HEART, CABOCHON-CUT	MARQUISE	MARQUISE, CABOCHON-CUT	MARQUISE, BUFF TOP-CUT	OVAL
quality	Standard	Standard	Standard	Standard	Standard	Standard	Standard
mm	12x10 to 14x12	4.0 to 6.0	5.0 to 10.0	4x2 to 14x7	6x3 to 15x7	8x4 to 16x8	5x3 to 14x12
							
shape / cut	OVAL, CABOCHON-CUT	OVAL, BUFF TOP-CUT	OVAL, BUFF TOP-CUT WITH HOLE	OVAL, FLAT TOP-CUT WITH HOLE	PEAR	PEAR, CABOCHON-CUT	ROUND
quality	Standard	Standard	Standard	Standard	Standard	Standard	Standard
mm	5x3 to 20x15	5x3 to 28x16	8x6 to 18x13	10x8 to 16x12	5x3 to 9x6	5x3 to 12x8	2.0 to 10.0
							
shape / cut	ROUND, CABOCHON-CUT	ROUND, CHECKERBOARD-CUT	ROUND BEAD, FULLY-DRILLED	ROUND BEAD, HALF-DRILLED	ROUND BEAD, 16" STRAND	SQUARE, BUFF TOP-CUT	
quality	Standard	Standard	Standard	Standard	Standard	Standard	
mm	3.0 to 16.0	7.0 to 8.0	4.0 to 8.0	4.0 to 8.0	4.0 to 8.0	8.0 to 12.0	

WHITE OPAL



With its pulsating display of play of color, opal was long reserved for royalty. The crown of the Holy Roman Emperor held a superb fiery red Opal called The Burning of Troy which later was given by Napoleon as a gift to Josephine. Queen Victoria often presented opals as wedding gifts.

Because of its high water content, opals thrive when worn. If placed in storage or exposed to heat for too long, this magic stone will pale. Opal is often chosen to celebrate those born in October.

Gem Species: Opal
Hardness: 5-6.5
Enhancement Code: N
Quality Information:

A: White background, good to medium fire; color ranges include blue, green, and red
AAA: White background; medium to strong fire; color ranges include blue, green, and red
Care: Rated "fair" for everyday wear. Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Australia

stuller.com/white-opal



shape / cut	HEART, CABOCHON-CUT	MARQUISE, CABOCHON-CUT	OVAL, CABOCHON-CUT	PEAR, CABOCHON-CUT	ROUND CABOCHON-CUT
quality	A	A	A, AAA	A	A, AAA
mm	4.0 to 7.0	4x2 to 15x7	4x3 to 12x10	5x3 to 10x7	1.5 to 8.0

MEXICAN FIRE OPAL



These are definitely not your grandmother's opals. One of the most vibrant of gems, it brings a life to jewelry that demands attention. Its blazing orange color communicates security and success, as well as health and vitality.

Treasured by the Maya and Aztecs, Mexico produces this transparent opal and regards it as the national gemstone. Unlike white opal, fire opal is usually faceted.

Gem Species: Opal
Hardness: 5-6.5
Enhancement Code: N
Quality Information:

AA: Medium to dark orange-reddish orange; eye clean; faceted; good cut

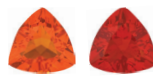
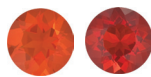
AAA (Cherry): Medium to dark orangy red; eye clean; faceted; good cut

Care: Take care when wearing Fire Opal.

Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.

Major Sources: Mexico

stuller.com/mexican-fire-opal



shape / cut	OVAL	PEAR	ROUND	TRILLION
quality	AA	AA	AA, AAA (Cherry)	AA, AAA (Cherry)
mm	4x3 to 10x8	5x3 to 8x5	2.0 to 6.0	4.0 to 6.0

With 3C: Choose/Change/Create, you have endless options. Many Stuller mountings can be altered to hold any size or shape of the stones we present in this catalog.

For information and inspiration, visit stuller.com/3C.

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85438 CENTER STONE OPTIONS

	Round	4.0, 4.1, 4.4, 4.5, 4.8, 5.0, 5.2, 5.5, 5.8, 6.0, 6.5, 7.0, 7.4, 7.5, 8.0, 8.2, 8.8, 9.0, 9.4, 9.5, 10.0, 11.0, 12.0											
													
Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Iolite	Onyx	Opal (Mexican Fire)	Peridot	Quartz (Green)	Quartz (Smoky)
													
Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)	Zircon	
	Oval	6x4, 7x5, 8x6, 9x7, 10x8, 11x9, 12x10											
													
Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Garnet (Tsavorite)	Iolite	Onyx	Opal (Mexican Fire)	Peridot	Quartz (Green)
													
Quartz (Smoky)	Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)	Zircon
	Emerald	6x4, 7x5, 8x6, 9x7, 10x8, 11x9, 12x10											
													
Amethyst	Ametrine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Onyx	Peridot	Quartz (Green)	Quartz (Smoky)	Sapphire (Blue)	Sapphire (Pink)	Sapphire (Yellow)
													
Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Green)	Tourmaline (Pink)								
	Square/Princess	5.0, 5.25, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 9.0, 9.5, 10.0											
													
Amethyst	Aquamarine	Citrine	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Tsavorite)								
													
Iolite	Peridot	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Pink)								
	Antique Square	5.0, 6.0, 7.0, 8.0, 9.0, 10.0											
													
Amethyst	Citrine	Citrine (Madeira)	Garnet (Mozambique)	Garnet (Rhodolite)	Onyx	Peridot							
													
Quartz (Green)	Quartz (Smoky)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Pink)							
	Marquise	8x4, 9x4.5, 10x5, 12x6											
													
Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Tsavorite)	Onyx	Peridot	Quartz (Smoky)	Sapphire (Blue)	Sapphire (White)	Tanzanite	Topaz (London Blue)
													
Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Green)	Tourmaline (Pink)										
	Pear	6x4, 7x5, 8x5, 8x6, 9x6, 10x7, 12x8											
													
Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Garnet (Tsavorite)	Iolite	Onyx	Opal (Mexican Fire)	Peridot	Quartz (Smoky)	Ruby
													
Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Green)	Tourmaline (Pink)	Zircon				
	Heart	5.0, 6.0, 7.0, 8.0, 9.0, 10.0											
													
Amethyst	Citrine	Garnet (Mozambique)	Garnet (Rhodolite)	Onyx	Peridot	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Green)	Tourmaline (Pink)

*Gemstones may not be available in every size listed.

PERIDOT AND ARIZONA PERIDOT



Peridot has been celebrated for over 4,000 years, adorning jewelry of the pharaohs and representing one of the 12 tribes of Israel.

The Hawaiian people believed peridot to be the tears of the Goddess Pele. The Romans called it

“Evening Emerald” because its brilliant color did not fade in lamp light, but glowed in the evening hours. Peridot was thought to help dreams become reality.

Arizona peridot is hand-hewn from the Peridot Mesa on the San Carlos Reservation. It’s a point of pride for the Apache nation and the most popular source of domestic peridot.

This energetic green gemstone is symbolic of August birthdays and those born under the zodiac sign of Libra. It is often used to celebrate the 1st and 16th wedding anniversary.

Gem Species: Peridot

Hardness: 6.5-7

Enhancement Code: N

Quality Information:

AA: Medium to dark; yellowish green; eye clean; good cut

Arizona: Medium to dark; slightly yellowish green; eye clean to slight imperfections; good cut; mined in Arizona

SWAROVSKI GEMS™ Apple Fine: Medium to dark color; minimal eye-visible inclusions

Care: Rated “fair” for everyday wear with care.

Avoid exposure to heat and sudden changes in temperature. Avoid contact with chemicals.

To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.

Major Sources: Australia, Brazil, China, Kenya, Mexico, Myanmar, Sri Lanka, United States

stuller.com/peridot




















shape / cut	ANTIQUE CUSHION	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE SQUARE	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	BRIOLETTE, SIDE-DRILLED	
quality	AA	AA	AA	AA	AA, Arizona AA	AA	
mm	8x6 to 9x7	8x6 to 9x7	5.0 to 8.0	5.0 to 8.0	4x2 to 6x3	6x4 to 10x5	
shape / cut	EMERALD / OCTAGON	EMERALD / OCTAGON RADIANT-CUT	HEART	MARQUISE	OVAL	OVAL, CABOCHON-CUT	
quality	AA	Arizona AA	AA	AA	AA, Arizona AA	AA	
mm	5x3 to 12x10	5x3 to 9x7	4.0 to 6.0	4x2 to 12x6	5x3 to 12x10	5x3 to 14x10	
shape / cut	PEAR	PEAR	PEAR, CABOCHON-CUT	ROUND	ROUND	ROUND, CABOCHON-CUT	
quality	AA, Arizona AA	SWAROVSKI GEMS™ Apple Fine	AA	AA, Arizona AA	SWAROVSKI GEMS™ Apple Fine	AA	
mm	5x3 to 10x7	5x3 to 6x4	5x3 to 10x7	1.5 to 8.0	1.5 to 4.0	3.0 to 6.0	
shape / cut	ROUND, CHECKERBOARD-CUT	SQUARE, CABOCHON-CUT	SQUARE, PRINCESS-CUT	SQUARE, PRINCESS-CUT	SQUARE, STEP-CUT	TRILLION	TRILLION, CABOCHON-CUT
quality	AA	AA	AA, Arizona AA	SWAROVSKI GEMS™ Apple Fine	AA	AA, Arizona AA	AA
mm	7.0 to 8.0	5.0 to 6.0	2.0 to 6.5	2.0 to 4.0	3.0 to 6.0	3.0 to 7.0	6.0

GREEN QUARTZ



Sometimes referred to as prasiolite, the color of green quartz recalls the new leaves of spring. One of the earliest stones to be venerated, the beauty of quartz led people to believe that this versatile stone was ice, transformed into an eternal gem by the gods. Green quartz is a breath of fresh color, verdantly gorgeous at a reasonable price.

Gem Species: Quartz
Hardness: 7
Enhancement Code: R
Quality Information:
Green A: Light slightly yellowish green; eye clean; good cut; good polish
Care: Rated "good" for everyday wear. Avoid direct sunlight and exposure to heat which may cause color to fade. Avoid contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.
Major Sources: Brazil, Madagascar, South Africa, Sri Lanka, Uruguay
stuller.com/green-quartz

				
shape / cut ANTIQUE CUSHION	shape / cut ANTIQUE CUSHION, CHECKERBOARD-CUT	shape / cut ANTIQUE SQUARE	shape / cut ANTIQUE SQUARE, CABOCHON-CUT	
quality A	quality A	quality A	quality A	
mm 9x7 to 14x10	mm 9x7 to 11x9	mm 7.0 to 12.0	mm 14.0 to 16.0	
				
shape / cut ANTIQUE SQUARE, CHECKERBOARD-CUT	shape / cut EMERALD / OCTAGON CHECKERBOARD-CUT	shape / cut EMERALD / OCTAGON RADIANT-CUT	shape / cut OVAL	shape / cut OVAL, CHECKERBOARD-CUT
quality A	quality A	quality A	quality A	quality A
mm 9.0 to 12.0	mm 9x7 to 14x10	mm 9x7 to 16x12	mm 8x6 to 18x13	mm 10x8 to 14x10
				
shape / cut ROUND	shape / cut SQUARE, PRINCESS-CUT	shape / cut TRILLION	shape / cut ANTIQUE CUSHION, CABOCHON-CUT	shape / cut ANTIQUE CUSHION, DOUBLE SIDED CHECKERBOARD-CUT
quality A	quality A	quality A	quality A	quality A
mm 5.0 to 14.0	mm 8.0 to 10.0	mm 10.0 to 12.0	mm 25x10	mm 25x10 to 30x10
				
shape / cut ANTIQUE SQUARE, DOUBLE SIDED CHECKERBOARD-CUT	shape / cut MARQUISE, DOUBLE SIDED CHECKERBOARD-CUT	shape / cut OVAL, CABOCHON-CUT	shape / cut OVAL, DOUBLE SIDED CHECKERBOARD-CUT	shape / cut PEAR, DOUBLE SIDED CHECKERBOARD-CUT
quality A	quality A	quality A	quality A	quality A
mm 14.0 to 16.0	mm 20x10 to 28x14	mm 25x10 to 30x12	mm 25x10 to 30x12	mm 24x8 to 30x10

HONEY QUARTZ



Created by irradiating clear quartz, honey quartz ranges from an almost sunny yellow through rich gradations to a deep golden honey hue. When well cut and properly illuminated, it reveals a variety of golden shades. Honey quartz compliments a wide array of fashion palettes and moves effortlessly from one season to the next.

Gem Species: Quartz
Hardness: 7
Enhancement Code: R

Quality Information:

AA: Light to medium orangy yellow; eye clean; good cut; good polish
Care: Rated "good" for everyday wear. Avoid direct sunlight and exposure to heat which may cause color to fade. Avoid contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Brazil, Madagascar, South Africa, Sri Lanka, Uruguay

stuller.com/honey-quartz



shape / cut	ANTIQUE SQUARE, CABOCHON-CUT	ANTIQUE SQUARE, DOUBLE SIDED CHECKERBOARD-CUT	MARQUISE, DOUBLE SIDED CHECKERBOARD-CUT
quality	AA	AA	AA
mm	14.0 to 20.0	14.0 to 20.0	20x10 to 28x14



shape / cut	ANTIQUE CUSHION, CABOCHON-CUT	ANTIQUE CUSHION, DOUBLE SIDED CHECKERBOARD-CUT	OVAL, CABOCHON-CUT	OVAL, DOUBLE SIDED CHECKERBOARD-CUT	PEAR, DOUBLE SIDED CHECKERBOARD-CUT
quality	AA	AA	AA	AA	AA
mm	25x10	25x10 to 30x10	25x10 to 30x12	25x10 to 30x12	24x8 to 30x10



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Shown left to right: 85484, 85482, and 68519

LEMON QUARTZ

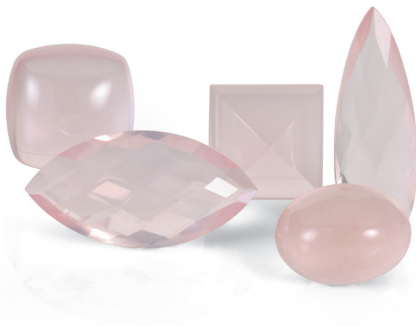


Lemon quartz is the clearest expression of sunshine in the quartz family. This sparkling quartz often displays a subtle green undertone that highlights its sunny nature. An affordable and colorful gemstone, lemon quartz is ideal for bold, modern jewelry designs.

Gem Species: Quartz
Hardness: 7
Enhancement Code: R
Quality Information:
AA: Light slightly greenish yellow; eye clean; good cut; good polish
Care: Rated "good" for everyday wear. Avoid direct sunlight and exposure to heat which may cause color to fade. Avoid contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.
Major Sources: Brazil, Madagascar, South Africa, Sri Lanka, Uruguay
stuller.com/lemon-quartz

					
shape / cut	ANTIQUE CUSHION	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE SQUARE	ANTIQUE SQUARE, CABOCHON-CUT	ANTIQUE SQUARE, CHECKERBOARD-CUT
quality	AA	AA	AA	AA	AA
mm	9x7 to 14x10	9x7 to 11x9	7.0 to 12.0	14.0 to 20.0	9.0 to 12.0
					
shape / cut	EMERALD/OCTAGON	EMERALD/OCTAGON, CHECKERBOARD-CUT	OVAL	OVAL, CHECKERBOARD-CUT	ROUND
quality	AA	AA	AA	AA	AA
mm	9x7 to 16x12	9x7 to 14x10	9x7 to 16x12	10x8 to 14x10	8.0 to 14.0
					
shape / cut	ROUND, CHECKERBOARD-CUT	SQUARE, PRINCESS-CUT	TRILLION	ANTIQUE CUSHION, CABOCHON-CUT	ANTIQUE CUSHION, DOUBLE SIDED CHECKERBOARD-CUT
quality	AA	AA	AA	AA	AA
mm	10.0 to 12.0	8.0 to 10.0	10.0 to 12.0	25x10	25x10 to 30x10
					
shape / cut	ANTIQUE SQUARE, DOUBLE SIDED CHECKERBOARD-CUT	MARQUISE, DOUBLE SIDED CHECKERBOARD-CUT	OVAL, CABOCHON-CUT	OVAL, DOUBLE SIDED CHECKERBOARD-CUT	PEAR, DOUBLE SIDED CHECKERBOARD-CUT
quality	AA	AA	AA	AA	AA
mm	14.0 to 20.0	20x10 to 28x14	25x10 to 30x12	25x10 to 30x12	24x8 to 30x10

ROSE QUARTZ



Whether you choose an antique square or cushion, a cabochon or double sided checkerboard cut, rose quartz embodies sophistication and elegance. Touched by the palest shade of pink and prized for its subtlety, it has always been popular — and never more so than now with fresh cuts and settings.

Gem Species: Quartz

Hardness: 7

Enhancement Code: H

Quality Information:

AA: Very light pink; semi-translucent; good cut; good polish

Standard: Very light pink; semi-translucent; good cut; good polish

Care: Rated “good” for everyday wear. Avoid direct sunlight and exposure to heat which may cause color to fade. Avoid contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Brazil, Madagascar, South Africa, Sri Lanka, Uruguay

stuller.com/rose-quartz



shape / cut	ANTIQUE SQUARE, CABOCHON-CUT	ANTIQUE SQUARE, DOUBLE SIDED CHECKERBOARD-CUT
quality	AA	AA
mm	14.0 to 20.0	14.0 to 20.0



shape / cut	OVAL, CABOCHON-CUT	SQUARE, CABOCHON-CUT	ANTIQUE CUSHION, CABOCHON-CUT	ANTIQUE CUSHION, DOUBLE SIDED CHECKERBOARD-CUT
quality	Standard	Standard	AA	AA
mm	14x10 to 16x12	10.0 to 14.0	25x10	25x10 to 30x10



shape / cut	MARQUISE, DOUBLE SIDED CHECKERBOARD-CUT	OVAL, CABOCHON-CUT	OVAL, DOUBLE SIDED CHECKERBOARD-CUT	PEAR, DOUBLE SIDED CHECKERBOARD-CUT
quality	AA	AA	AA	AA
mm	20x10 to 28x14	25x10 to 30x12	25x10 to 30x12	24x8 to 30x10

ROSE DE FRANCE QUARTZ



Rose de France Quartz is the lightest shade of amethyst — lingering in the pale lavender to lilac range. Less costly than its darker amethyst cousins, it has recently been vaulted to popularity by fashion colors and trends. Rose de France Quartz works well whether in earrings, rings, bracelets or as a pendant.

Gem Species: Quartz

Hardness: 7

Enhancement Code: H

Quality Information:

AA: Very light to light slightly violetish purple; semi-transparent; good cut; good polish

Care: Rated “good” for everyday wear. Avoid direct sunlight and exposure to heat which may cause color to fade. Avoid contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Brazil, Madagascar, South Africa, Sri Lanka, Uruguay

stuller.com/rose-de-france-quartz



shape / cut	ANTIQUE SQUARE, CABOCHON-CUT	ANTIQUE SQUARE, DOUBLE SIDED CHECKERBOARD-CUT
quality	AA	AA
mm	14.0 to 20.0	14.0 to 20.0



shape / cut	ANTIQUE CUSHION, CABOCHON-CUT	ANTIQUE CUSHION, DOUBLE SIDED CHECKERBOARD-CUT	MARQUISE, DOUBLE SIDED CHECKERBOARD-CUT	OVAL, CABOCHON-CUT	OVAL, DOUBLE SIDED CHECKERBOARD-CUT	PEAR, DOUBLE SIDED CHECKERBOARD-CUT
quality	AA	AA	AA	AA	AA	AA
mm	25x10	25x10 to 30x10	20x10 to 28x14	25x10 to 30x12	25x10 to 30x12	24x8 to 30x10

RUTILATED QUARTZ



The beauty and texture of golden rutile needles frozen in clear quartz makes rutilated quartz an inviting gemstone whose warmth inspires creativity.

Gemstone mythology attributes healing powers to rutilated quartz, helping the wearer find stability and balance in life. It is also thought to improve relationships by enhancing communication.

As our world becomes increasingly interconnected, the beautiful web-work of rutile is representative of both the natural and the modern. Rutilated quartz offers a distinctive form of expression, as each gem is unique.

Gem Species: Quartz

Hardness: 7

Enhancement Code: N

Quality Information:

AA: Colorless; eye visible golden Rutile needles; good polish

Care: Rated “good” for everyday wear. Avoid direct sunlight and exposure to heat which may cause color to fade. Avoid contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Australia, Brazil, Germany, India, Kazakhstan, Madagascar, Norway, Pakistan, Sri Lanka, Switzerland, United States

stuller.com/rutilated-quartz



shape / cut	ANTIQUE SQUARE, CABOCHON-CUT	OVAL, CABOCHON-CUT	ROUND, CABOCHON-CUT
quality	AA	AA	AA
mm	8.0 to 10.0	7x5 to 18x13	6.0 to 12.0

With 3C: Choose/Change/Create, you have endless options. Many Stuller mountings can be altered to hold any size or shape of the stones we present in this catalog.














For information and inspiration, visit stuller.com/3C.

85439














85439 CENTER STONE OPTIONS

Round 5.0, 5.2, 5.5, 5.8, 6.0, 6.5, 7.0, 7.4, 7.5, 8.0, 8.2, 8.8, 9.0, 9.4, 9.5, 10.0

													
Amethyst	Aquamarine	Citrine	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Iolite	Onyx	Opal (Mexican Fire)	Peridot	Quartz (Green)	Quartz (Smoky)	Ruby	Sapphire (Blue)
													
Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)	Zircon			

Square/Princess 4.0, 4.5, 4.75, 5.0, 5.25, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0

													
Amethyst	Aquamarine	Citrine	Garnet (Mozambique)	Garnet (Rhodolite)	Iolite	Peridot	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)
													
Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)										

Antique Square 5.0, 6.0, 7.0, 8.0

												
Amethyst	Citrine	Garnet (Mozambique)	Garnet (Rhodolite)	Onyx	Peridot	Quartz (Green)	Quartz (Smoky)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Pink)

Gemstones | 3C: CHOOSE/CHANGE/CREATE™




SMOKY QUARTZ









Subtlety is the appeal of lustrous smoky quartz. With its voluptuous autumn color and understated elegance, this sophisticated gemstone makes a powerful statement. The Victorians, who understood the rich expressiveness of restraint, used smoky quartz in mourning jewelry.

Because these stones are readily available in larger sizes, smoky quartz is perfect in designs that call for big, sparkling jewels. The state gemstone of New Hampshire, the delicious color of smoky quartz makes it a perfect accessory for all seasons.













Gem Species: Quartz
Hardness: 6.5-7
Enhancement Code: H, R
Quality Information:
AA: Medium light tan to medium dark brown; eye clean; good cut
SWAROVSKI GEMS™ Sand Fine: Light to medium light; eye clean
SWAROVSKI GEMS™ Oak Fine: Medium to medium dark; eye clean
Care: Rated “good” for everyday wear. Avoid direct sunlight and exposure to heat which may cause color to fade. Avoid contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.
Major Sources: Brazil, Madagascar, South Africa, Sri Lanka, Uruguay
stuller.com/smoky-quartz

			
shape / cut	ANTIQUE CUSHION	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE SQUARE
quality	AA	AA	AA
mm	8x6 to 14x12	8x6 to 14x12	5.0 to 12.0

						
shape / cut	ANTIQUE SQUARE, CABOCHON-CUT	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	EMERALD/OCTAGON	MARQUISE	OVAL
quality	AA	AA	AA	AA	AA	AA
mm	14.0 to 20.0	5.0 to 12.0	5x2	6x4 to 25x18	4x2 to 16x8	5x3 to 25x20

						
shape / cut	OVAL, CABOCHON-CUT	PEAR	ROUND	ROUND	ROUND, CABOCHON-CUT	ROUND, CHECKERBOARD-CUT
quality	AA	AA	AA	SWAROVSKI GEMS™ Sand Fine, Oak Fine	AA	AA
mm	10x8 to 16x12	5x3 to 14x9	2.0 to 16.0	1.0 to 3.0	10.0	7.0 to 8.0

SMOKY QUARTZ (continued)

						
shape / cut	SQUARE, PRINCESS-CUT	SQUARE, PRINCESS-CUT	SQUARE, CABOCHON-CUT	TRILLION, CABOCHON-CUT	ANTIQUE CUSHION, CABOCHON-CUT	
quality	AA	SWAROVSKI GEMS™ Sand Fine, Oak Fine	A	AA	AA	
mm	8.0	2.0 to 3.0	10.0 to 14.0	6.0	25x10	
						
shape / cut	ANTIQUE CUSHION, DOUBLE SIDED CHECKERBOARD-CUT	ANTIQUE SQUARE, DOUBLE SIDED CHECKERBOARD-CUT	MARQUISE, DOUBLE SIDED CHECKERBOARD-CUT	OVAL, CABOCHON-CUT	OVAL, DOUBLE SIDED CHECKERBOARD-CUT	PEAR, DOUBLE SIDED CHECKERBOARD-CUT
quality	AA	AA	AA	AA	AA	AA
mm	25x10 to 30x10	14.0 to 20.0	20x10 to 28x14	25x10 to 30x12	25x10 to 30x12	24x8 to 10x12

TOURMALINATED QUARTZ



The bold contrast of black tourmaline needles trapped in clear quartz makes a unique and fascinating combination. These exceptional features that give Tourmalinated Quartz a mystical reputation.

Gemstone mythology suggests that Tourmalinated Quartz is used for protection, shielding its owner from negative energy. It is also reputed to ease the nerves, relieving depression and exhaustion. Its black and white hues are also said to provide balance, harnessing the powers of both the yin and yang energies.

From the dark, emotional "goth" designs to the natural lines of eco-conscious fashions, Tourmalinated Quartz is an unbeatable fashion accessory.

			
shape / cut	OVAL, CABOCHON-CUT	ROUND, CABOCHON-CUT	SQUARE, CABOCHON-CUT
quality	AA	AA	AA
mm	6x4 to 18x13	6.0 to 10.0	8.0 to 10.0

Gem Species: Quartz

Hardness: 7

Enhancement Code: N

Quality Information:

AA: Colorless; eye visible black Tourmaline needles; good polish

Care: Rated "good" for everyday wear. Avoid direct sunlight and exposure to heat which may cause color to fade. Avoid contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Africa, Brazil, Canada, India, Madagascar, Mexico, Myanmar, Namibia, South Africa, Sri Lanka, Tanzania, United States, Uruguay

stuller.com/tourmalinated-quartz

With 3C: Choose/Change/Create, you have endless options. Many Stuller mountings can be altered to hold any size or shape of the stones we present in this catalog.

For information and inspiration, visit stuller.com/3C.


















122000















122000 CENTER STONE OPTIONS

 Round	4.0, 4.1, 4.4, 4.5, 4.8, 5.0, 5.2, 5.5, 5.8, 6.0, 6.5, 7.0, 7.4, 7.5, 8.0, 8.2, 8.8, 9.0, 9.4, 9.5, 10.0													
														
Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)	Zircon		

 Oval	6x4, 7x5, 8x6, 9x7, 10x8, 11x9, 12x10													
														
Quartz (Smoky)	Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Spinel (Pink)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)	
Zircon														

 Square/Princess	4.0, 4.5, 4.75, 5.0, 5.25, 5.5, 6.0, 6.5, 7.0													
														
Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)								

 Emerald	6x4, 7x5, 8x6, 9x7													
														
Sapphire (Yellow)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)							

 Antique Square	5.0, 6.0, 7.0, 8.0, 9.0												
													

Gemstones | 3C: CHOOSE/CHANGE/CREATE™

*Gemstones may not be available in every size listed.



Blood-red. Fire-red. Color that burns along the veins, and gives brightness to the night. If you're looking for the color of life itself, look no further than red. And the gemstone that brings red to life can have only one name: Ruby.

The "king of gems," Ruby is one of the world's oldest and most revered gemstones. It is also one of the rarest. The mineral Chromium is responsible for the gem's startling color. Rubies with hardly any inclusions are so rare that large stones of good color fetch higher prices at auction than even diamonds. The 23.1 carat Carmen Lucía ruby is one of the greatest treasures of the Smithsonian, although Elizabeth Taylor's 8.24 carat ring may carry more glamour.

Ruby is the gem for those born in July as well as those born under the sign of Aries. It's also a stunning option for the celebration of the 40th wedding anniversary.

Gem Species: Corundum

Hardness: 9

Enhancement Code: H

Quality Information:

A: Medium pinkish red; slightly included; good cut; good polish

AA: Medium dark pinkish red; eye clean; good cut; good polish

Care: Rated "excellent" for everyday wear. Avoid exposure to heat and contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Afghanistan, Cambodia, India, Kenya, Madagascar, Myanmar, Pakistan, Sri Lanka, Tanzania, Thailand

stuller.com/ruby

shape / cut	STRAIGHT BAGUETTE	TAPERED BAGUETTE	EMERALD/OCTAGON	HEART	MARQUISE
quality	A, AA	A	A, AA	A, AA	A, AA
mm	3x1.5 to 5x2	3x1.75x1 to 4x2x1.5	5x3 to 6x4	3.0 to 5.0	3x1.5 to 8x4
shape / cut	OVAL	PEAR	ROUND	ROUND, DIAMOND-CUT	
quality	A, AA	A, AA	A, AA	A, AA	
mm	4x3 to 7x5	4x3 to 7x5	1.75 to 5.5	1.0 to 5.0	
shape / cut	ROUND, CABOCHON-CUT	SQUARE, PRINCESS-CUT	SQUARE, STEP-CUT	TRILLION	
quality	A, AA	A, AA	A, AA	A, AA	
mm	2.5 to 4.0	1.25 to 4.0	1.5 to 4.0	3.0 to 5.5	



Introducing Royalty

Royal Asscher® is a name synonymous with the finest diamonds in the world. Stuller is a company that takes pride in delivering quality craftsmanship in everything we do. Sounds like a perfect match, doesn't it? We think so.

The signature Royal Asscher cut is now available in sapphire. Stuller is proud to be the exclusive distributor of natural and treated Royal Asscher cut loose sapphires, starting from 5mm, in blue, pink, yellow, and purple.

Each sapphire is laser inscribed with the Stuller logo and an identification number. It arrives with its own certificate of authenticity that matches the number inscribed on the stone.

You should be as excited as we are to offer this unique gem to your customers.

For more information, visit stuller.com/RoyalAsscher.

 ROYAL ASSCHER® CUT
SAPPHIRES

With 3C: Choose/Change/Create, you have endless options. Many Stuller mountings can be altered to hold any size or shape of the stones we present in this catalog.

For information and inspiration, visit stuller.com/3C.

121999



Mounting shown features a Royal Asscher Cut Sapphire. For our complete selection visit stuller.com/RoyalAsscherSapphires.

121999 CENTER STONE OPTIONS

Round 4.0, 4.1, 4.4, 4.5, 4.8, 5.0, 5.2, 5.5, 5.8, 6.0, 6.5, 7.0, 7.4, 7.5, 8.0

Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Garnet (Tsavorite)	Iolite	Onyx	Opal (Mexican Fire)	Peridot	Quartz (Green)
Quartz (Smoky)	Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (Yellow)	Sapphire (White)	Spinel (Pink)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)
Zircon													

Oval 5x3, 5x4, 6x4, 7x5, 8x6, 9x7

Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Tsavorite)	Iolite	Onyx	Peridot	Quartz (Green)	Quartz (Smoky)	Ruby
Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Spinel (Pink)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)		

Emerald 5x3, 6x4, 7x5, 8x6

Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Garnet (Mozambique)	Garnet (Rhodolite)	Iolite	Onyx	Peridot	Quartz (Smoky)	Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)
Sapphire (Yellow)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)						

Square/Princess 4.0, 4.5, 4.75, 5.0, 5.25, 5.5, 6.0, 6.5, 7.0

Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Iolite	Peridot	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Topaz (London Blue)
Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)									

Marquise 6x3, 6x3.5, 7x3.5, 8x4, 9x4.5, 10x5

Amethyst	Aquamarine	Citrine	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Iolite	Onyx	Peridot	Quartz (Smoky)	Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)
Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Green)	Tourmaline (Pink)	Zircon							

Antique Square 5.0, 6.0, 7.0, 8.0

Amethyst	Citrine	Citrine (Madeira)	Garnet (Mozambique)	Garnet (Rhodolite)	Onyx	Peridot	Quartz (Green)	Quartz (Smoky)	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)

*Gemstones may not be available in every size listed.

BLUE SAPPHIRE



The breathtaking blue of Sapphire has captured man's imagination for millennia. The ancients believed that Blue Sapphire had the ability to make peace between warring parties and could influence the spirit world. An enduring symbol for loyalty and trust, it's frequently chosen to celebrate engagements or anniversaries.

Perhaps the best known modern Sapphire is the 18 carat oval stunner that announced Princess Diana's engagement, and then her son's engagement to the Duchess of Cambridge.

Many believe that the darker the color, the more valuable the gem. Sapphire is the exception: the vibrant mid-tone "cornflower" color is most prized. With shades ranging from inky blue to azure, there is a blue for everyone to experience the enchantment of this splendid gem.

Gem Species: Corundum

Hardness: 9

Enhancement Code: H

Quality Information:

A: Medium to dark navy, little or no color zoning; slightly included; good cut

AA: Medium navy to royal blue; eye clean; good brilliance; good cut; good polish

Ceylon A: Medium light to medium blue, little or no color zoning; good cut; good polish

Ceylon AA: Medium to medium dark blue, little or no color zoning; good cut; good polish

SWAROVSKI GEMS™ Bright Blue Fine:

Medium navy blue; eye clean; excellent brilliance; excellent machine cut

SWAROVSKI GEMS™ Top Blue Fine: Medium to dark navy blue, no color zoning; eye clean; excellent brilliance, excellent machine cut

Care: Rated "excellent" for everyday wear. Avoid exposure to heat and contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Australia, Cambodia, East Africa, India, Kashmir, Myanmar, Sri Lanka, Thailand, United States

stuller.com/blue-sapphire

shape / cut	STRAIGHT BAGUETTE	TAPERED BAGUETTE	EMERALD/OCTAGON	HEART	MARQUISE
quality	A, AA	A	A, AA	A, AA	A, AA
mm	3x1.5 to 6x3	3x1.5x1 to 4.75x2.25x1	5x3 to 8x6	3.0 to 7.0	3x1.5 to 10x5
shape / cut	OVAL	PEAR	ROUND	ROUND	ROUND, DIAMOND-CUT
quality	A, AA	A, AA	A, AA	SWAROVSKI GEMS™ Bright Blue Fine, SWAROVSKI GEMS™ Top Blue Fine	A, AA
mm	4x3 to 10x8	4x3 to 10x8	2.5 to 8.0	1.0 to 2.0	1.0 to 7.5
shape / cut	ROUND, DIAMOND-CUT	ROUND, CABOCHON-CUT	SQUARE, PRINCESS-CUT	SQUARE, STEP-CUT	TRILLION
quality	Ceylon Color A, AA	A	A, AA	A	A, AA
mm	1.0 to 5.5	2.25 to 5.0	1.25 to 5.0	1.25 to 5.0	2.5 to 7.0

BLACK AND BLUE STAR SAPPHIRE



Star sapphires are unique in that they contain small inclusions in their structure that align in such a way that they reflect a magical six-pointed star. Perhaps the most dramatic example of star sapphires is the black variety, with the star shining

brightly from the dark background. The largest star sapphire on record was discovered in the 1930s. Known as the Black Star of Queensland, it astonishes at a whopping 733 carats!

Combining the wonder of the star pattern with the celestial blue color most associated with sapphires makes for a heavenly combination. This unusual and handsome gem is popular in both men's and women's designs. Three centuries ago, the incredible Star of India was discovered. This rare jewel not only unusually displays stars on both sides, it weighs a stunning 536 carats and is the size of a golf ball!



shape / cut	MARQUISE, CABOCHON-CUT	OVAL, CABOCHON-CUT	ROUND, CABOCHON-CUT
quality	Standard	Standard	Standard
mm	6x3 to 10x5	5x3 to 11x9	4.0 to 8.0



shape / cut	OVAL, CABOCHON-CUT	ROUND, CABOCHON-CUT
quality	AA	AA
mm	5x4 to 7x6	4.0 to 6.5

Gem Species: Corundum

Hardness: 9

Enhancement Code: N

Quality Information:

Black Standard: Charcoal gray to dark brown; good star (with light); good cut; good polish; medium dome

Blue AA: Dark blue with patches of white; good star (with light); good cut; good polish; medium dome

Care: Rated "excellent" for everyday wear. Avoid exposure to heat and contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Australia, Cambodia, East Africa, India, Myanmar, Sri Lanka, Thailand

stuller.com/black-star-sapphire

stuller.com/blue-star-sapphire

With 3C: Choose/Change/Create, you have endless options. Many Stuller mountings can be altered to hold any size or shape of the stones we present in this catalog.

For information and inspiration, visit stuller.com/3C.



121993

121993 CENTER STONE OPTIONS

 Round	4.0, 4.1, 4.4, 4.5, 4.8, 5.0, 5.2, 5.5, 5.8, 6.0, 6.5, 7.0, 7.4, 7.5, 8.0, 8.2, 8.8, 9.0, 9.4, 9.5													
														
														
														
 Oval	5x3, 5x4, 6x4, 7x5, 8x6, 9x7, 10x8													
														
														
														
 Emerald	5x3, 6x4, 7x5, 8x6, 9x7													
														
														
 Square/Princess	4.0, 4.5, 4.75, 5.0, 5.25, 5.5, 6.0, 6.5, 7.0													
														
														
 Marquise	6x3, 6x3.5, 7x3.5, 8x4, 9x4.5, 10x5, 12x6													
														
														
 Antique Square	5.0, 6.0, 7.0, 8.0													
														

*Gemstones may not be available in every size listed.

PINK SAPPHIRE



Although the name sapphire is derived from the Greek meaning “blue,” sapphires, like the sky can dazzle in many colors. One of the rarest is the beautifully feminine pink variety. Ranging in color from a delicate pastel to a vibrantly tropical pink, this winner is romantic and vibrant, which explains its continuing rise in popularity.

Gem Species: Corundum

Hardness: 9

Enhancement Code: H

Quality Information:

A: Light to medium light pink, little or no color zoning; slightly included; good brilliance; good cut; good polish

AA: Medium pink, little or no color zoning; eye clean; good brilliance; good cut; good polish

SWAROVSKI GEMS™ Fine: Light to medium pink; eye clean; excellent brilliance; excellent machine cut

Care: Rated “excellent” for everyday wear. Avoid exposure to heat and contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Australia, Cambodia, East Africa, India, Myanmar, Sri Lanka, Thailand, United States

stuller.com/pink-sapphire



shape / cut
STRAIGHT BAGUETTE



EMERALD / OCTAGON

quality

AA

A, AA

mm

4x2 to 5x2.5

4x3 to 7x5



HEART



MARQUISE



OVAL



PEAR



ROUND

quality

AA

A, AA

A, AA

A, AA

AA

mm

3.0 to 6.0

4x2 to 8x4

4x3 to 7x5

4x3 to 7x5

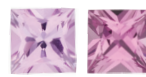
3.0 to 6.0



ROUND



ROUND, DIAMOND-CUT



SQUARE, PRINCESS-CUT



TRILLION

quality

SWAROVSKI GEMS™
Fine

A, AA

A, AA

A, AA

mm

1.0 to 2.75

1.0 to 5.5

1.5 to 5.5

3.0 to 6.5

WHITE SAPPHIRE



Before cubic zirconia, white sapphire was often used as a substitute for diamonds. Now, white sapphire is coming into its own. Its unique beauty lies in purely reflecting white light.

Gem Species: Corundum
Hardness: 9
Enhancement Code: H
Quality Information:
AA: Near colorless (may be very slightly yellow, grey or blue); eye clean; good brilliance; good cut; good polish
Care: Rated "excellent" for everyday wear. Avoid exposure to heat and contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.
Major Sources: Australia, Cambodia, East Africa, Madagascar, Sri Lanka
stuller.com/white-sapphire

shape / cut	STRAIGHT BAGUETTE	EMERALD / OCTAGON	HEART	MARQUISE
quality	AA	AA	AA	AA
mm	4x2	5x3 to 7x5	3.0 to 6.5	3x1.5 to 9x4.5

shape / cut	OVAL	PEAR	ROUND	ROUND, DIAMOND-CUT	SQUARE, PRINCESS-CUT	TRILLION
quality	AA	AA	AA	AA	AA	AA
mm	4x3 to 8x6	4x3 to 7x5	4.5 to 6.0	1.0 to 4.0	1.5 to 5.5	3.0 to 6.0

Introducing Asscher Cut Princess™ Sapphires

The Asscher Cut Princess was developed by combining Asscher facets on the crown with princess facets on the pavilion to effectively double the number of facets in one stone.

This results in extraordinary radiance and depth of color for sapphires.

For more information, visit stuller.com/AsscherCutPrincessSapphires.



With 3C: Choose/Change/Create, you have endless options. Many Stuller mountings can be altered to hold any size or shape of the stones we present in this catalog.

For information and inspiration, visit stuller.com/3C.






















122002 CENTER STONE OPTIONS




















Round 5.0, 5.2, 5.5, 5.8, 6.0, 6.5, 7.0, 7.4, 7.5, 8.0, 8.2, 8.8, 9.0, 9.4, 9.5, 10.0

													
Amethyst	Citrine	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Iolite	Onyx	Peridot	Quartz (Green)	Quartz (Smoky)	Sapphire (Blue)	Sapphire (Yellow)	Tanzanite	Topaz (London Blue)
													
Topaz (Sky Blue)	Topaz (Swiss Blue)												











Oval 7x5, 8x6, 9x7, 10x8, 11x9

													
Amethyst	Citrine	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Iolite	Onyx	Peridot	Quartz (Green)	Quartz (Smoky)	Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (Yellow)
													
Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Zircon									




















Emerald 6x4, 7x5, 8x6, 9x7, 10x8, 11x9

													
Amethyst	Ametrine	Citrine	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Onyx	Peridot	Quartz (Green)	Quartz (Smoky)	Sapphire (Blue)	Sapphire (Pink)	Sapphire (Yellow)	Tanzanite
													
Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Green)	Tourmaline (Pink)									

Square/Princess 4.0, 4.5, 4.75, 5.0, 5.25, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0

													
Amethyst	Citrine	Garnet (Mozambique)	Garnet (Rhodolite)	Peridot	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Green)				

Marquise 7x3.5, 8x4, 9x4.5, 10x5, 12x6

													
Amethyst	Aquamarine	Citrine	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Onyx	Peridot	Quartz (Smoky)	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Tanzanite	Topaz (London Blue)
													
Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Green)	Tourmaline (Pink)	Zircon									

Antique Square 5.0, 6.0, 7.0, 8.0

												
Amethyst	Citrine	Garnet (Mozambique)	Garnet (Rhodolite)	Onyx	Peridot	Quartz (Green)	Quartz (Lemon)	Quartz (Smoky)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)

*Gemstones may not be available in every size listed.

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For information and inspiration, visit stuller.com/3C.



121995

121995 CENTER STONE OPTIONS

Round 4.0, 4.1, 4.4, 4.5, 4.8, 5.0, 5.2, 5.5, 5.8, 6.0, 6.5, 7.0, 7.4, 7.5, 8.0

Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Tavorite)	Iolite	Onyx	Peridot	Quartz (Green)	Quartz (Smoky)	Sapphire (Blue)
Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Spinel (Pink)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)	Zircon		

Oval 6x4, 7x5, 8x6, 9x7

Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Tavorite)	Iolite	Onyx	Peridot	Quartz (Smoky)	Ruby	Sapphire (Blue)
Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Spinel (Pink)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)			

Emerald 5x3, 6x4, 7x5, 8x6, 9x7, 10x8, 11x9

Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Iolite	Onyx	Peridot	Quartz (Green)	Quartz (Smoky)	Sapphire (Blue)	Sapphire (Pink)
Sapphire (White)	Sapphire (Yellow)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)	Zircon				

Antique Square 5.0, 6.0, 7.0

Amethyst	Citrine	Citrine (Madeira)	Garnet (Mozambique)	Garnet (Rhodolite)	Onyx	Peridot	Quartz (Smoky)	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Pink)

Gemstones | 3C: CHOOSE/CHANGE/CREATE™

*Gemstones may not be available in every size listed.

YELLOW SAPPHIRE



One of the most popular gems in India, yellow sapphires range from a lovely warm gold to the naturally beautiful canary yellow. Thought to promote wisdom and bring prosperity, this sunny gemstone is rapidly gaining in demand in the US as well.



shape / cut	EMERALD / OCTAGON	OVAL	PEAR
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quality	AA	AA	AA
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mm	6x4 to 7x5	5x3 to 8x6	7x5
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shape / cut	ROUND	ROUND, DIAMOND-CUT	SQUARE, PRINCESS-CUT
-------------	-------	--------------------	----------------------

quality	AA	AA	AA
---------	----	----	----

mm	2.75 to 6.5	1.0 to 6.0	1.5 to 5.0
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Gem Species: Corundum

Hardness: 9

Enhancement Code: H

Quality Information:

AA: Medium yellow; eye clean; good brilliance; excellent cut; excellent polish

Care: Rated "excellent" for everyday wear. Avoid exposure to heat and contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Australia, Cambodia, East Africa, Sri Lanka, Thailand

stuller.com/yellow-sapphire

NATURAL CANARY YELLOW SAPPHIRE



shape / cut	STRAIGHT BAGUETTE	EMERALD / OCTAGON	MARQUISE	OVAL
-------------	-------------------	-------------------	----------	------

quality	Canary	Canary	Canary	Canary
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mm	4x2 to 5x2.5	4x3 to 5x3	4x2 to 6x3	4x3 to 6x4
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shape / cut	PEAR	ROUND	SQUARE, PRINCESS-CUT
-------------	------	-------	----------------------

quality	Canary	Canary	Canary
---------	--------	--------	--------

mm	5x3	2.0 to 3.75	1.75 to 3.25
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Gem Species: Corundum

Hardness: 9

Enhancement Code: N

Quality Information:

Canary: Natural, untreated, medium dark deep pure yellow color; eye clean to slight imperfections; good cut; good polish

Care: Rated "excellent" for everyday wear. Avoid exposure to heat and contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Australia, East Africa, Madagascar, Sri Lanka

stuller.com/canary-sapphire

SPINEL, PINK



Pretty, feminine pink gems are becoming evermore popular. Often taken for pink sapphires, pink spinels are a more affordable alternative even though they are surprisingly rarer. Because

most people associate spinel with the synthetic variety often found in mass-market jewelry, the savvy consumer can enjoy the beauty of this pretty feminine gemstone at a bargain.

Although rare, spinels are an affordable gemstone. Not widely known to consumers, black spinel is a fantastic choice for those seeking the drama of black-stone jewelry. Without the price tag of black diamonds and tougher than onyx, its naturally profound color makes the unusual black spinel a marvelous choice for bold jewelry designs.

Gem Species: Spinel
Hardness: 8
Enhancement Code: N
Quality Information:
Pink: Medium reddish pink; eye clean; good cut; good polish
Care: Rated "excellent" for everyday wear. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.
Major Sources: Cambodia, Myanmar, Russia, Sri Lanka, Tanzania, Thailand, Vietnam
stuller.com/pink-spinel



shape / cut	EMERALD / OCTAGON	OVAL	ROUND	SQUARE, PRINCESS-CUT
quality	Pink	Pink	Pink	Pink
mm	5x3	5x3 to 7x5	2.5 to 5.0	2.0 to 4.5

SPINEL, BLACK



shape / cut	ROUND	SQUARE, PRINCESS-CUT
quality	Black, Fine	Black, Fine
mm	1.0 to 3.0	2.0 to 3.0

Gem Species: Spinel
Hardness: 8
Enhancement Code: N
Quality Information:
SWAROVSKI GEMS™ Black Fine: Opaque; good cut; good polish
Care: Rated "excellent" for everyday wear. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.
Major Sources: Madagascar
stuller.com/black-spinel

With 3C: Choose/Change/Create, you have endless options. Many Stuller mountings can be altered to hold any size or shape of the stones we present in this catalog.

For information and inspiration, visit stuller.com/3C.



121996 CENTER STONE OPTIONS

Round 4.5, 4.8, 5.0, 5.2, 5.5, 5.8, 6.0, 6.5, 7.0, 7.4, 7.5, 8.0, 8.2, 8.8, 9.0, 9.4, 9.5

Amethyst	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Iolite	Opal (Mexican Fire)	Peridot	Quartz (Green)	Quartz (Smoky)	Ruby	Sapphire (Blue)
Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)	Zircon			

Oval 6x4, 7x5, 8x6, 9x7, 10x8

Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Garnet (Spessartite)	Garnet (Tsavorite)	Iolite	Morganite	Onyx	Opal (Mexican Fire)	Peridot
Quartz (Green)	Quartz (Lemon)	Quartz (Smoky)	Ruby	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Spinel (Pink)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)
Tourmaline (Green)	Tourmaline (Pink)	Zircon											

Emerald 6x4, 7x5, 8x6, 9x7

Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Emerald	Garnet (Mozambique)	Garnet (Rhodolite)	Iolite	Onyx	Peridot	Quartz (Smoky)	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)
Sapphire (Yellow)	Tanzanite	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)						

Square/Princess 4.0, 4.5, 4.75, 5.0, 5.25, 5.5, 6.0, 6.5, 7.0

Amethyst	Aquamarine	Citrine	Citrine (Madeira)	Garnet (Mozambique)	Garnet (Rhodolite)	Iolite	Peridot	Sapphire (Blue)	Sapphire (Pink)	Sapphire (White)	Sapphire (Yellow)	Tanzanite	Topaz (London Blue)
Topaz (Sky Blue)	Topaz (Swiss Blue)	Tourmaline (Chrome)	Tourmaline (Green)	Tourmaline (Pink)									

Antique Square 5.0, 6.0, 7.0, 8.0

Amethyst	Citrine	Citrine (Madeira)	Garnet (Mozambique)	Garnet (Rhodolite)	Onyx	Peridot	Quartz (Green)	Quartz (Lemon)	Quartz (Smoky)	Topaz (London Blue)	Topaz (Sky Blue)	Topaz (Swiss Blue)

*Gemstones may not be available in every size listed.

TANZANITE



Tanzanite's rarity and exotic origin have added to its fascination. This modern gemstone was unknown until 1967, when Masai herdsmen in eastern Africa noticed blue crystals sparkling in the sun. Tanzanite's dramatic discovery, coupled with its scintillating beauty, caused a worldwide sensation. To date, the world's only source for the gem remains the hills of northern Tanzania, near Mount Kilimanjaro.

Gem Species: Zoisite

Hardness: 6-7

Enhancement Code: H

Quality Information:

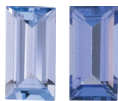
A: Medium light bluish purple, little or no color zoning; eye clean; good brilliance; good cut; good polish

A: Medium bluish purple, little or no color zoning; eye clean; good brilliance; good cut; good polish

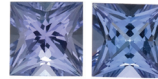
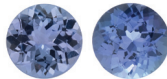
Care: Tanzanite is not for everyday wear and one should take care when wearing it. Avoid exposure to heat and sudden changes in temperature. Avoid contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.

Major Sources: Tanzania

stuller.com/tanzanite



shape / cut	STRAIGHT BAGUETTE	EMERALD/OCTOGON	MARQUISE	OVAL
quality	A, AA	A, AA	A, AA	A, AA
mm	4x2 to 5x2	4x3 to 8x6	4x2 to 10x5	4x3 to 8x6



shape / cut	PEAR	ROUND	SQUARE, PRINCESS-CUT	TRILLION
quality	A, AA	A, AA	A, AA	A, AA
mm	4x3 to 8x5	1.75 to 7.0	2.0 to 6.0	3.0 to 6.5

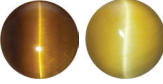



TIGER EYE



The exotic, honey-tinged color is only one of the charms of Tiger eye. When cut in a cabochon shape, this unique gem flashes beams of light that resemble the eye of a jungle cat, displaying the optic phenomena called "chatoyancy." Its golden warmth and rich luster are prized by those who seek the mysterious and unusual in their jewelry.

Gem Species: Quartz
Hardness: 7
Enhancement Code: SC
Quality Information:
Honey: Golden honey color; good eye; good cut; good polish; medium dome
Standard: Golden brown; good cut; good polish; medium dome
Care: Tiger eye is rated "good" for everyday wear. Avoid contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.
Major Sources: Australia, India, Myanmar, South Africa, Sri Lanka, United States
stuller.com/tigereye

			
shape / cut	CUSHION, BUFF TOP-CUT	MARQUISE, CABOCHON-CUT	OVAL, CABOCHON-CUT
quality	Standard	Standard	Standard, Honey
mm	8x6 to 20x15	6x3 to 10x5	5x3 to 14x12

				
shape / cut	ROUND, CABOCHON-CUT	BEAD, FULLY-DRILLED	BEAD, HALF-DRILLED	BEAD, FULLY-DRILLED, HALF-DRILLED, STRAND
quality	Standard, Honey	Standard	Standard	Standard
mm	3.0 to 10.0	4.0 to 6.0	4.0 to 6.0	4.0

With 3C: Choose/Change/Create, you have endless options. Many Stuller mountings can be altered to hold any size or shape of the stones we present in this catalog.

For information and inspiration, visit stuller.com/3C.



71589

71589 CENTER STONE OPTIONS

	Round	5.0, 5.2, 5.5, 5.8, 6.0, 6.5, 7.0, 7.4, 7.5, 8.0, 8.2, 8.8, 9.0, 9.4, 9.5, 10.0											
													
													
	Oval	7x5, 8x6, 9x7, 10x8, 11x9											
													
													
	Emerald	6x4, 7x5, 8x6, 9x7, 10x8, 11x9											
													
													
	Square/Princess	5.0, 5.25, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0											
													
	Marquise	8x4, 9x4.5, 10x5, 12x6											
													
													
	Heart	6.0, 7.0, 8.0, 9.0, 10.0											
													
	Antique Square	5.0, 6.0, 7.0, 8.0											
													

*Gemstones may not be available in every size listed.

BLUE TOPAZ, LONDON BLUE



Blue is the color of communication and self-expression. The clear, voluptuous color of Blue Topaz certainly speaks for itself. From the pure pastel blue of an Alpine glacier, to the glow of the mid-summer sky, to the aquatic hue of the deepest ocean, refreshing Blue Topaz brings a breath of fresh air to contemporary jewelry designs.

The ancients prized Topaz as a stone of divinity that could dispel enchantments, detect poisons — even render the wearer invisible at will. Today it is claimed as the state gemstone of Texas.

Blue Topaz rivals Aquamarine in color and charm. Found in greater abundance, it offers superb clarity and luminous color at a fraction of the cost.

Gem Species: Topaz

Hardness: 8

Enhancement Code: R

Quality Information:

London Blue AA: Medium dark grayish blue; eye clean; good brilliance; good cut; good polish

Sky Blue AA: Bright light blue; eye clean; good brilliance; good cut; good polish

Swiss Blue AA: Medium to dark bright blue; eye clean; good brilliance; good cut; good polish






















Care: Rated “good” for everyday wear. Avoid direct sunlight and exposure to heat, which may cause color to fade. Avoid contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.

Major Sources: Brazil

stuller.com/london-blue-topaz

stuller.com/sky-blue-topaz




















stuller.com/swiss-blue-topaz

							
shape / cut	ANTIQUÉ CUSHION	ANTIQUÉ CUSHION, CHECKERBOARD-CUT	ANTIQUÉ SQUARE	ANTIQUÉ SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	TAPERED BAGUETTE	EMERALD / OCTAGON
quality	AA	AA	AA	AA	AA	AA	AA
mm	8x6 to 14x10	8x6 to 10x8	5.0 to 6.0	5.0 to 12.10	4x2 to 6x3	4x2x1.5	5x3 to 14x10
							
shape / cut	HEART	MARQUISE	OVAL	OVAL, CABOCHON-CUT	PEAR	PEAR, CABOCHON-CUT	ROUND
quality	AA	AA	AA	AA	AA	AA	AA
mm	4.0 to 8.0	4x2 to 14x7	5x3 to 16x12	5x3 to 14x10	5x3 to 15x10	5x3 to 10x7	2.5 to 10.0
							
shape / cut	ROUND, CABOCHON-CUT	ROUND, CHECKERBOARD-CUT	SQUARE, CABOCHON-CUT	SQUARE, PRINCESS-CUT	SQUARE, STEP-CUT	TRILLION	TRILLION, CABOCHON-CUT
quality	AA	AA	AA	AA	AA	AA	AA
mm	4.0 to 10.0	7.0 to 8.0	5.0 to 10.0	3.0 to 6.5	2.5 to 6.0	4.0 to 7.0	6.0

BLUE TOPAZ, SKY BLUE

								
shape / cut	ANTIQUE CUSHION	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE SQUARE	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	TAPERED BAGUETTE	BRIOLETTE SIDE-DRILLED	EMERALD / OCTAGON
quality	AA	AA	AA	AA	Sky Blue	Sky Blue	AA	AA
mm	8x6 to 14x10	8x6 to 10x8	5.0 to 6.0	5.0 to 10.0	4x2 to 8x4	4x2x1.5	6x4to 10x5	5x3 to 14x12
								
shape / cut	HEART	MARQUISE	OVAL	PEAR	ROUND	ROUND, CHECKERBOARD-CUT	SQUARE, PRINCESS-CUT	SQUARE, STEP-CUT
quality	AA	AA	AA	AA	AA	AA	AA	AA
mm	4.0 to 10.0	4x2 to 15x7	5x3 to 16x12	5x3 to 15x10	2.5 to 9.0	7.0 to 8.0	7.0 to 8.0	3.0 to 8.0
								
shape / cut	TRILLION	ANTIQUE CUSHION, DOUBLE SIDED CHECKERBOARD-CUT	ANTIQUE SQUARE, DOUBLE SIDED CHECKERBOARD-CUT	MARQUISE, DOUBLE SIDED CHECKERBOARD-CUT	OVAL, DOUBLE SIDED CHECKERBOARD-CUT	PEAR, DOUBLE SIDED CHECKERBOARD-CUT	ROUND, DOUBLE SIDED CHECKERBOARD-CUT	
quality	AA	AA	AA	AA	AA	AA	AA	
mm	4.0 to 7.0	25x10 to 30x10	12x12 to 20x20	28x14	25x10 to 30x12	24x8 to 30x10	12.0 to 20.0	

BLUE TOPAZ, SWISS BLUE

							
shape / cut	ANTIQUE CUSHION	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE SQUARE	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	TAPERED BAGUETTE	
quality	AA	AA	AA	AA	AA	AA	
mm	8x6 to 14x10	8x6 to 10x8	5.0 to 12.0	5.0 to 12.0	4x2 to 8x4	4x2x1.5	
							
shape / cut	EMERALD / OCTAGON	HEART	MARQUISE	OVAL	OVAL, CABOCHON-CUT	PEAR	ROUND
quality	AA	AA	AA	AA	AA	AA	AA
mm	5x3 to 16x12	4.0 to 10.0	4x2 to 16x8	5x3 to 18x13	5x3 to 14x10	5x3 to 15x10	2.0 to 8.0
							
shape / cut	ROUND, CHECKERBOARD-CUT	SQUARE, CABOCHON-CUT	SQUARE, PRINCESS-CUT	SQUARE, STEP-CUT	TRILLION	TRILLION, CABOCHON-CUT	
quality	AA	AA	AA	AA	AA	AA	
mm	7.0 to 8.0	7.0 to 10.0	3.0 to 8.0	3.0 to 8.0	4.0 to 9.0	6.0	

MYSTIC TOPAZ, GREEN



Shimmering and enchanting, Mystic Topaz is a delight to wear. Available in iridescent green, luminous Sunrise or Pure Pink, these affordable and fashionable gems add the ultimate color accent to fashions.

Mystic Topaz begins as a clear, White Topaz. It then undergoes a process called "vacuum deposition", by where a coating of titanium is permanently applied to the back of the gem through the use of electricity. The coating is difficult to scratch and since it is on the pavilion of the gem, it is additionally protected by the setting.

As the name suggests, Mystic Topaz is mystical. Its colors are mesmerizing and fun. If you're looking for affordable, bold color – Mystic Topaz is definitely a gem to satisfy your color cravings. You can truly express yourself by creating customized jewelry, with Stuller Studio™ we make it easy. Choose your gem, select your setting, and you can have a piece of jewelry made especially for you in just days.

Gem Species: Topaz

Hardness: 8

Enhancement Code: C

Quality Information:

Green AA: Medium light green with purple and pink hues

Pure Pink AA: Medium to medium dark vibrant pink

Sunrise AA: Medium light orangey yellow with pink hues

Care: Rated "good" for everyday wear. Avoid contact with chemicals. Recutting is not recommended for Mystic Topaz. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

Major Sources: Australia, Brazil, Mexico, Myanmar, Namibia, Nigeria, Pakistan, Sri Lanka

stuller.com/mystic-topaz



shape / cut	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE SQUARE	EMERALD / OCTAGON	HEART	MARQUISE	OVAL
quality	AA	AA	AA	AA	AA	AA
mm	8x6 to 12x10	6.0 to 8.0	6x4 to 14x10	5.0 to 9.0	6x3 to 12x6	4x3 to 14x10



shape / cut	OVAL, CHECKERBOARD-CUT	PEAR	ROUND	SQUARE, PRINCESS-CUT	TRILLION
quality	AA	AA	AA	AA	AA
mm	10x8 to 14x10	5x3 to 15x10	3.0 to 10.0	4.0 to 8.0	5.0 to 10.0

MYSTIC TOPAZ, PURE PINK











shape / cut	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE SQUARE	EMERALD / OCTAGON	HEART	OVAL
quality	AA	AA	AA	AA	AA
mm	8x6 to 10x8	6.0 to 8.0	6x4 to 12x10	6.0 to 9.0	5x3 to 14x10



shape / cut	OVAL, CHECKERBOARD-CUT	PEAR	ROUND	SQUARE, PRINCESS-CUT	TRILLION
quality	AA	AA	AA	AA	AA
mm	10x8 to 14x10	14x9 to 15x10	3.0 to 10.0	6.0 to 8.0	9.0

MYSTIC TOPAZ, SUNRISE

				
shape / cut	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE SQUARE	EMERALD / OCTAGON	OVAL
quality	AA	AA	AA	AA
mm	8x6 to 10x8	6.0 to 8.0	6x4 to 12x10	5x3 to 14x10
				
shape / cut	OVAL, CHECKERBOARD-CUT	PEAR	ROUND	TRILLION
quality	AA	AA	AA	AA
mm	10x8 to 14x10	14x9 to 15x10	3.0 to 10.0	9.0

WHITE TOPAZ



The cool, calm pureness of White Topaz catches the eye as its inner fire flashes rainbow prisms. The natural magnificence of White Topaz is untreated and readily available in smaller sizes. While White Topaz itself is untreated, its beauty is

the foundation for the varieties of treated Topaz available in the market. With a high refractive index and capable of taking a high polish, white topaz is often a sensible substitute for diamonds and a practical choice as the birthstone for April.

Gem Species: Topaz
Hardness: 8
Enhancement Code: N
Quality Information:

SWAROVSKI GEMS™ White Fine: Colorless; minimal eye-visible inclusions

SWAROVSKI GEMS™ AA: Colorless; eye clean; good brilliance; good cut; good polish

Care: Rated "good" for everyday wear. Avoid contact with chemicals. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.

Major Sources: Australia, Brazil, Myanmar, Namibia, Nigeria, Pakistan, Sri Lanka

stuller.com/white-topaz

					
shape / cut	ANTIQUE CUSHION	ANTIQUE CUSHION, CHECKERBOARD-CUT	EMERALD / OCTAGON	MARQUISE	
quality	SWAROVSKI GEMS™ White, Fine	SWAROVSKI GEMS™ White, Fine	SWAROVSKI GEMS™ White, Fine	SWAROVSKI GEMS™ White, Fine	
mm	8x6 to 10x8	6x4 to 10x8	5.0 to 10.0	8x6 to 10x8	5x2.5 to 6x3
					
shape / cut	OVAL	PEAR	ROUND	SQUARE, PRINCESS-CUT	
quality	SWAROVSKI GEMS™ White Fine, AA	SWAROVSKI GEMS™ White, Fine	SWAROVSKI GEMS™ White Fine, AA	SWAROVSKI GEMS™ White, Fine	
mm	5x3 to 12x10	5x3 to 6x4	1.5 to 10.0	2.0 to 10.0	

SWAROVSKI GEMS™ PASSION TOPAZ



Inspired by the passion for color, the beauty of nature and innovative technology, SWAROVSKI GEMS™ Passion Topaz brings an added touch of something special to fine jewelry.

SWAROVSKI GEMS™ Passion Topaz applies an environmentally friendly form of enhancement to genuine White Topaz. The patented treatment is permanent and durable, offering an affordable gem with vast color possibilities. Brilliant and durable with supreme color consistency and precision cutting, experience the beauty of Passion Topaz.

Gem Species: Topaz

Hardness: 8

Enhancement Code: C

Quality Information:

Ice Blue Fine: Medium blue; eye clean; good cut; good polish

Paraiba Fine: Light to medium greenish blue; eye clean; good cut; good polish

Care: Rated "good" for everyday wear. Avoid contact with chemicals. Recutting is not recommended for Passion Topaz. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water, or clean in an at-home ultrasonic unit. For gem properties and reactions, see pages 124-125.

stuller.com/passion-topaz



shape / cut
ANTIQUE CUSHION

quality
Ice Blue, Fine

mm
8x6 to 10x8



shape / cut
ANTIQUE CUSHION, CHECKERBOARD-CUT

quality
Ice Blue, Fine

mm
6x4 to 10x8



shape / cut
ANTIQUE SQUARE, CHECKERBOARD-CUT

quality
Ice Blue, Fine

mm
5.0 to 10.0



shape / cut
EMERALD / OCTAGON

quality
Ice Blue, Fine

mm
8x6 to 10x8



shape / cut
OVAL

quality
Ice Blue, Fine

mm
5x3 to 12x10



shape / cut
ROUND

quality
Ice Blue, Fine

mm
1.0 to 10.0



shape / cut
SQUARE, PRINCESS-CUT

quality
Ice Blue, Fine

mm
2.0 to 10.0



shape / cut
ANTIQUE CUSHION

quality
Paraiba, Fine

mm
8x6 to 10x8



shape / cut
ANTIQUE CUSHION, CHECKERBOARD-CUT

quality
Paraiba, Fine

mm
6x4 to 10x8



shape / cut
ANTIQUE SQUARE, CHECKERBOARD-CUT

quality
Paraiba, Fine

mm
5.0 to 10.0



shape / cut
EMERALD / OCTAGON

quality
Paraiba, Fine

mm
8x6 to 10x8



shape / cut
OVAL

quality
Paraiba, Fine

mm
5x3 to 12x10



shape / cut
ROUND

quality
Paraiba, Fine

mm
1.0 to 10.0





shape / cut
SQUARE, PRINCESS-CUT





quality
Paraiba, Fine








mm
2.0 to 10.0








SWAROVSKI GEMS™ PASSION TOPAZ (continued)








		
shape / cut	ROUND, STAR FACETED, MACHINE-CUT	SQUARE, PRINCESS, MACHINE-CUT
quality	Blazing Red, Fine	Blazing Red, Fine
mm	1.0 to 4.0	2.0 to 4.0








			
shape / cut	ANTIQUÉ CUSHION	ANTIQUÉ CUSHION, CHECKERBOARD-CUT	ANTIQUÉ SQUARE, CHECKERBOARD-CUT
quality	Baby Pink, Fine	Baby Pink, Fine	Baby Pink, Fine
mm	8x6 to 10x8	6x4 to 10x8	5.0 to 10.0

				
shape / cut	EMERALD / OCTAGON	OVAL	ROUND	SQUARE, PRINCESS-CUT
quality	Baby Pink, Fine	Baby Pink, Fine	Baby Pink, Fine	Baby Pink, Fine
mm	8x6 to 10x8	5x3 to 12x10	1.0 to 10.0	2.0 to 10.0

							
shape / cut	ANTIQUÉ CUSHION	ANTIQUÉ CUSHION, CHECKERBOARD-CUT	ANTIQUÉ SQUARE, CHECKERBOARD-CUT	EMERALD / OCTAGON	OVAL	ROUND	SQUARE, PRINCESS-CUT
quality	Pink, Fine	Pink, Fine	Pink, Fine	Pink, Fine	Pink, Fine	Pink, Fine	Pink, Fine
mm	8x6 to 10x8	6x4 to 10x8	5.0 to 10.0	8x6 to 10x8	5x3 to 12x10	1.0 to 10.0	2.0 to 10.0

							
shape / cut	ANTIQUÉ CUSHION	ANTIQUÉ CUSHION, CHECKERBOARD-CUT	ANTIQUÉ SQUARE, CHECKERBOARD-CUT	EMERALD / OCTAGON	OVAL	ROUND	SQUARE, PRINCESS-CUT
quality	Honey, Fine	Honey, Fine	Honey, Fine	Honey, Fine	Honey, Fine	Honey, Fine	Honey, Fine
mm	8x6 to 10x8	6x4 to 10x8	6x4 to 10x8	8x6 to 10x8	5x3 to 12x10	1.0 to 10.0	2.0 to 10.0

							
shape / cut	ANTIQUÉ CUSHION	ANTIQUÉ CUSHION, CHECKERBOARD-CUT	ANTIQUÉ SQUARE, CHECKERBOARD-CUT	EMERALD / OCTAGON	OVAL	ROUND	SQUARE, PRINCESS-CUT
quality	Poppy, Fine	Poppy, Fine	Poppy, Fine	Poppy, Fine	Poppy, Fine	Poppy, Fine	Poppy, Fine
mm	8x6 to 10x8	6x4 to 10x8	5.0 to 10.0	8x6 to 10x8	5x3 to 12x10	1.0 to 10.0	2.0 to 10.0

							
shape / cut	ANTIQUÉ CUSHION	ANTIQUÉ CUSHION, CHECKERBOARD-CUT	ANTIQUÉ SQUARE, CHECKERBOARD-CUT	EMERALD / OCTAGON	OVAL	ROUND	SQUARE, PRINCESS-CUT
quality	Rainforest, Fine	Rainforest, Fine	Rainforest, Fine	Rainforest, Fine	Rainforest, Fine	Rainforest, Fine	Rainforest, Fine
mm	8x6 to 10x8	6x4 to 10x8	5.0 to 10.0	8x6 to 10x8	5x3 to 12x10	1.0 to 10.0	2.0 to 10.0

Gem Species: Topaz
Hardness: 8
Enhancement Code: C
Quality Information:
Blazing Red Fine: Medium dark purplish red; eye clean; good cut; good polish
Baby Pink Fine: Light pink; good cut; good polish
Pink Fine: Light to medium slightly orangey red; good cut; good polish
Honey Fine: Light to medium slightly orangey yellow; good cut; good polish
Poppy Fine: Medium dark orange; good cut; good polish
Rainforest Fine: Slightly bluish green; eye clean; good cut; good polish
stuller.com/passion-topaz

Gemstones | SWAROVSKI GEMS™ PASSION TOPAZ

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For information and inspiration, visit stuller.com/3C.

85437



85437 CENTER STONE OPTIONS

	Round	4.0, 4.1, 4.4, 4.5, 4.8, 5.0, 5.2, 5.5, 5.8, 6.0, 6.5, 7.0, 7.4, 7.5, 8.0, 8.2, 8.8, 9.0, 9.4, 9.5, 10.0, 11.0, 12.0											
													
													
	Oval	6x4, 7x5, 8x6, 9x7, 10x8, 11x9, 12x10											
													
													
													
	Emerald	6x4, 7x5, 8x6, 9x7, 10x8, 11x9, 12x10											
													
													
	Square/Princess	5.0, 5.25, 5.5, 6.0, 6.5, 7.0, 7.5, 8.0, 9.0, 9.5, 10.0											
													
	Marquise	8x4, 9x4.5, 10x5, 12x6											
													
													
	Pear	6x4, 7x5, 8x5, 8x6, 9x6, 10x7, 12x8											
													
													
	Heart	5.0, 6.0, 7.0, 8.0, 9.0, 10.0											
													
	Antique Square	5.0, 6.0, 7.0, 8.0, 9.0, 10.0											
													

*Gemstones may not be available in every size listed.

CHROME TOURMALINE



Found only in the east African country of Tanzania, chrome tourmaline is a rare and wonderful gem. Among the most vivid, intense greens found in the world of jewels, chrome tourmaline owes its name to the chromium content that gives this gem its dense, forest green hue. Not surprisingly, chromium also gives emerald its color.

Gem Species: Tourmaline

Hardness: 7-7.5

Enhancement Code: N

Quality Information:

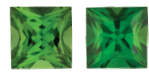
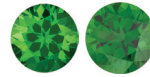
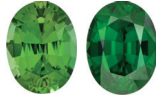
Gem Medium: Medium to medium dark slightly yellowish green; eye clean to slight imperfections; good cut; good polish

Gem Dark: Dark slightly yellowish green; eye clean to slight imperfections; good cut; good polish

Care: Rated "fair" for everyday wear with care. Avoid exposure to heat and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.

Major Sources: Tanzania

stuller.com/chrome-tourmaline














shape / cut	EMERALD / OCTAGON	OVAL	ROUND	SQUARE, PRINCESS-CUT
quality	Gem Medium, Gem Dark	Gem Medium, Gem Dark	Gem Medium, Gem Dark	Gem Medium, Gem Dark
mm	5x3 to 8x6	5x3 to 8x6	2.0 to 6.5	2.0 to 5.5

GREEN TOURMALINE



Tourmaline comes in many colors, but for most people the name conjures varying shades of green. Ranging from fresh leek green to an rich intense green — with a multitude of nuances in between — it is highly prized for its verdant palette. Tourmaline honors 8th anniversaries and is Maine's state gemstone.

Gem Species: Tourmaline
Hardness: 7-7.5
Enhancement Code: H
Quality Information:
A: Cabochon-cut: Medium to dark yellowish green; slight imperfections; medium dome
AA: Medium light to dark yellowish green; eye clean to slight imperfections; good cut
Care: Rated "fair" for everyday wear with care. Avoid exposure to heat and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.
Major Sources: Afghanistan, Brazil, China, East Africa, India, Myanmar, Pakistan, Sri Lanka, United States
stuller.com/green-tourmaline

						
shape / cut	STRAIGHT BAGUETTE	EMERALD / OCTAGON	HEART	MARQUISE	OVAL	OVAL, CABOCHON-CUT
quality	AA	AA	AA	AA	AA	A
mm	4x2	5x3 to 10x8	4.0 to 5.0	4x2 to 10x5	5x3 to 11x9	5x3 to 8x6
						
shape / cut	PEAR	ROUND	ROUND, CABOCHON-CUT	SQUARE, STEP-CUT	TRILLION	
quality	AA	AA	A	AA	AA	
mm	5x3 to 8x5	1.5 to 6.0	3.0 to 6.0	3.0 to 6.0	4.0 to 6.0	

With 3C: Choose/Change/Create, you have endless options. Many Stuller mountings can be altered to hold any size or shape of the stones we present in this catalog.

For information and inspiration, visit stuller.com/3C.

85436



85436 CENTER STONE OPTIONS

 Round	4.0, 4.1, 4.4, 4.5, 4.8, 5.0, 5.2, 5.5, 5.8, 6.0, 6.5, 7.0, 7.4, 7.5, 8.0							
  	    							
  	    							
  	    							
  	 							
  	          							
  	          							
  	       							
  	            							
  	 							
  	  							
  	            							
  	 							
  	  							
  	            							
  	            							
  	            							
  	            							
  	            							
  	            							
  	            							
  	            							
  	            							
  	            							
  	            							
  	            							
  	            							
  	            							
  	            							
								

PINK TOURMALINE



Charmingly pretty, pink tourmaline flashes its femininity in a sparkling display. One of the more rare color varieties of tourmaline, the pink ranges from a pale bubblegum to vibrant, light cherry. The cheerful color so

enchanted the last empress of China that she valued it above all gemstones. In addition to sharing the honor of celebrating 8th anniversaries with its other-color cousins and October births with opal, pink tourmaline also is used to honor five years of wedded bliss.

Gem Species: Tourmaline

Hardness: 7-7.5

Enhancement Code: H













Quality Information:

AA: Medium to medium dark pink; slightly included to eye clean; good cut

Care: Rated "fair" for everyday wear with care. Avoid exposure to heat and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.

Major Sources: Afghanistan, Brazil, China, East Africa, India, Myanmar, Pakistan, Sri Lanka, Tanzania, United States

stuller.com/pink-tourmaline

						
shape / cut	ANTIQUÉ SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	EMERALD / OCTAGON	HEART	MARQUISE	OVAL
quality	AA	AA	AA	AA	AA	AA
mm	5.0	4x2 to 6x3	5x3 to 10x8	3.0 to 6.0	4x2 to 10x5	5x3 to 10x8
						
shape / cut	OVAL, CABOCHON-CUT	PEAR	ROUND	ROUND, CABOCHON-CUT	SQUARE, PRINCESS-CUT	TRILLION
quality	AA	AA	AA	AA	AA	AA
mm	5x3 to 8x6	5x3 to 10x7	1.0 to 6.0	3.0 to 6.0	2.0 to 8.0	3.0 to 6.0

TURQUOISE



The history of turquoise reaches back into the mists of time and across the world. One of the first gems to be mined, turquoise has been fashioned into gorgeous jewelry for over 5,000 years by civilizations from

ancient Egypt to imperial China to the Aztecs. The popularity of turquoise is not surprising given the beautiful sky blue color. Although ancient, it is also very contemporary and is used as a birthstone for December and the anniversary stone of the 11th year.

Gem Species: Turquoise

Hardness: 5-6

Enhancement Code: I

Quality Information:

Standard: Bright light blue; no matrix; good cut

Care: Rated "fair" for everyday wear with care. Avoid exposure to heat, contact with chemicals, and protect from scratches and harsh blows. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.

Major Sources: Australia, Chile, China, Mexico, United States

stuller.com/turquoise



**MARQUISE,
CABOCHON-CUT**



**OVAL,
CABOCHON-CUT**



**PEAR,
CABOCHON-CUT**



**ROUND,
CABOCHON-CUT**

shape / cut	MARQUISE, CABOCHON-CUT	OVAL, CABOCHON-CUT	PEAR, CABOCHON-CUT	ROUND, CABOCHON-CUT
quality	Standard	Standard	Standard	Standard
mm	4x2 to 8x4	5x3 to 12x10	5x3 to 8x5	2.0 to 6.0

BLUE ZIRCON



With its high brilliance, zircon shines brightly among gems and blue is the most popular color. In fact, so brilliant and fiery is blue zircon, it rivals the far more costly blue diamond. An enchanting shade of sea blue, this exceptional jewel is often used to mark December births and 4th anniversaries.

Gem Species: Zircon

Hardness: 7.5

Enhancement Code: H

Quality Information:

AA: Medium dark slightly greenish blue; eye clean; good cut

Care: Rated "fair" for everyday wear with care. Avoid direct sunlight and exposure to heat which may cause color to fade. To clean, gently scrub with a soft toothbrush and a solution of mild dish soap and warm water. For gem properties and reactions, see pages 124-125.

Major Sources: Australia, Cambodia, China, Myanmar, Sri Lanka, Thailand, Vietnam

stuller.com/blue-zircon



**EMERALD /
OCTAGON**



MARQUISE



OVAL



PEAR



ROUND

shape / cut	EMERALD / OCTAGON	MARQUISE	OVAL	PEAR	ROUND
quality	AA	AA	AA	AA	AA
mm	5x3 to 6x4	4x2 to 8x4	5x3 to 9x7	5x3 to 7x5	1.5 to 6.0



South Sea Pearls

South Sea pearls are 100% natural and feature remarkable luster. These high quality pearls are available loose or as strands, in all shapes, ranging in size from 10-17mm.

Visit stuller.com/southseadeals to choose yours today.



shape	BAROQUE (GRADUATED), STRAND	OVAL (GRADUATED), STRAND
quality	Fine, Statement	Fashion, Fine/Fashion, Fine, Statement
mm	10.0 to 16.0	12.0 to 17.0



shape	ROUND (UNIFORM AND GRADUATED), STRAND	SEMI ROUND (UNIFORM AND GRADUATED), STRAND
quality	Foundation, Fashion, Fine/Fashion, Fine	Fashion, Fine/Fashion, Fine
mm	11.0 to 17.0	11.0 to 17.0



Gem Species: Pearl
Hardness: 2.5-4
Enhancement Code: N
Quality Information:

Fashion: Very good luster and very fine quality nacre; color and luster are natural (untreated)

Fine: Excellent luster and excellent quality nacre; color and luster are natural (untreated)

Care: Pearls are not for everyday wear, and one should take care when wearing. Avoid exposure to heat, and protect from scratches and harsh blows. Avoid contact with chemicals, especially perfumes, perspiration and hair sprays. To clean, wipe gently with a moist cloth. For gem properties and reactions, see pages 124-125.

Major Sources: Australia

stuller.com/southseadeals



shape	BAROQUE	BAROQUE, PAIRS	BUTTON-FULL	BUTTON-FULL, PAIRS
quality	Fashion, Fine	Fashion, Fine	Fashion, Fine	Fashion, Fine
mm	10.0 to 15.0	10.0 to 15.0	11.0 to 15.0	11.0 to 15.0



shape	CIRCLÉ	CIRCLÉ, FULLY-DRILLED	CIRCLÉ, PAIRS
quality	Fashion, Fine	Fine	Fashion, Fine
mm	10.0 to 18.0	10.0 to 14.0	10.0 to 15.0



shape	DROP	DROP, PAIRS	NEAR-ROUND	NEAR-ROUND, PAIRS
quality	Fashion, Fine	Fashion, Fine	Fashion, Fine	Fashion, Fine
mm	10.0 to 15.0	10.0 to 15.0	10.0 to 15.0	10.0 to 15.0



shape	OVAL	OVAL, PAIRS	ROUND	ROUND, PAIRS
quality	Fashion, Fine	Fashion, Fine	Fashion, Fine	Fashion, Fine
mm	8.0 to 15.0	10.0 to 15.0	10.0 to 15.0	10.0 to 15.0



Tahitian Pearls

From the turquoise lagoons of French Polynesia, Tahitian pearls come in lustered shades of grey to black. These 100% natural pearls are available loose or as strands, in all shapes, ranging in size from 8-13mm.

Visit stuller.com/tahitian-pearls to choose yours today.



shape	ROUND / SEMI ROUND GREY, STRAND
quality	A, B, C
mm	8.0 to 14.0



shape	ROUND / SEMI ROUND MULTI COLOR, STRAND
quality	A, B
mm	8.0 to 12.0



shape	ROUND / NEAR ROUND
quality	Fancy, A, B
mm	8.0 to 14.0



shape	ROUND / NEAR ROUND	ROUND / NEAR ROUND
quality	Dark Grey, A, B	Dark Grey Pairs, A, B
mm	8.0 to 14.0	8.0 to 14.0



shape	ROUND / NEAR ROUND	ROUND / NEAR ROUND
quality	Medium Grey, A, B	Medium Grey Pairs, A
mm	8.0 to 14.0	8.0 to 14.0

Gem Species: Pearl
Hardness: 2.5-4
Enhancement Code: N
Quality Information:

Fancy-A: Overtones of pink, blue, gold, green, silver and reddish purple; very good luster; slight blemishes distributed over less than 10% of the surface

Fancy-B: Overtones of pink, blue, gold, green, silver and reddish purple; good to medium luster; slight blemishes distributed over 30% of the surface

Dark Grey-A: Medium dark to dark grey; very good luster; slight blemishes distributed over less than 10% of the surface

Dark Grey-B: Medium dark to dark grey; good to medium luster; slight blemishes distributed over 30% of the surface

Medium Grey-A: Medium to medium dark grey; very good luster; slight blemishes distributed over less than 10% of the surface

Medium Grey-B: Medium to medium dark grey; good to medium luster; slight blemishes distributed over 30% of the surface



Care: Pearls are not for everyday wear, and one should take care when wearing. Avoid exposure to heat, and protect from scratches and harsh blows. Avoid contact with chemicals, especially perfumes, perspiration and hair sprays. To clean, wipe gently with a moist cloth. For gem properties and reactions, see pages 124-125.




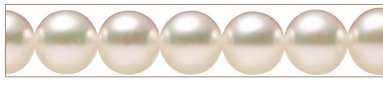
Major Sources: French Polynesia

stuller.com/tahitian-pearls

AKOYA CULTURED PEARLS



		
shape	ROUND WHITE, UNDRILLED	ROUND WHITE, FULLY DRILLED
quality	A, AA	A, AA
mm	4.0 to 7.5	4.0 to 8.0

				
shape	ROUND WHITE, HALF-DRILLED	ROUND BLACK, HALF-DRILLED	7/8 WHITE, HALF-DRILLED	ROUND, STRAND
quality	A, AA	AA	AA	AA
mm	4.0 to 9.0	2.5 to 8.0	5.0 to 9.0	4.0 to 9.0

Gem Species: Pearl

Hardness: 2.5-4

Enhancement Code: SC

Quality Information:

A: Color range- white, pinkish or creamy; lightly blemished; good shape; good luster

AA (white): Color range- white, pinkish or creamy; clean; good shape; good luster

AA (black): Color range- grey to black with pink, green, blue or purple overtones

Care: Pearls are not for everyday wear, and one should take care when wearing. Avoid exposure to heat, and protect from scratches and harsh blows. Avoid contact with chemicals, especially perfumes, perspiration and hair sprays. To clean, wipe gently with a moist cloth. For gem properties and reactions, see pages 124-125.

Major Sources: China, Japan

stuller.com/akoya-pearls

MABÉ CULTURED PEARLS (*assembled*)



		
shape	PEAR	ROUND
quality	Standard	Standard
mm	22x14	9.0 to 15.0

Gem Species: Pearl

Hardness: 2.5-4

Enhancement Code: SC, ASBL

Quality Information:

Standard: Assembled cultured pearl dome cemented to a mother of pearl backing

Care: Pearls are not for everyday wear, and one should take care when wearing. Avoid exposure to heat, and protect from scratches and harsh blows. Avoid contact with chemicals, especially perfumes, perspiration and hair sprays. To clean, wipe gently with a moist cloth. For gem properties and reactions, see pages 124-125.

Major Sources: China, Japan

stuller.com/mabe-pearl

FRESHWATER CULTURED PEARLS



Gem Species: Pearl
Hardness: 2.5-4
Enhancement Code: SC
A: Color range- white, pinkish or creamy; lightly blemished; good shape; good luster
AA (white): Color range- white, pinkish or creamy; clean: good shape; good luster
Standard: Color range- white, pinkish or creamy; clean to lightly blemished; good shape; good luster
Care: Pearls are not for everyday wear, and one should take care when wearing. Avoid exposure to heat, and protect from scratches and harsh blows. Avoid contact with chemicals, especially perfumes, perspiration and hair sprays. To clean, wipe gently with a moist cloth. For gem properties and reactions, see pages 124-125.
Major Sources: China, Japan
stuller.com/freshwater-pearl



shape	NEAR ROUND, HALF-DRILLED	NEAR ROUND, HALF-DRILLED	OBLONG/NEAR ROUND, HALF-DRILLED
quality	A, AA	A, AA Pairs	Standard
mm	4.0 to 10.0	4.0 to 10.0	3.0 to 6.0



shape	ROUND BUTTON, HALF-DRILLED	NEAR ROUND, STRAND	OBLONG, STRAND
quality	Standard	A, AA	Standard
mm	3.0 to 10.0	4.0 to 10.0	3.0 to 6.0



CHARLES & COLVARD™
—*Created*—
M O I S S A N I T E

Why do so many women prefer moissanite to other colorless gems? What really makes Charles & Colvard Created Moissanite® unique is its optical properties. With a dispersion that's 2.4 times that of diamond, it bends light into mesmerizing rainbow flashes of fire. And with a refractive index of 2.65-2.69, it has 10 percent more brilliance than a diamond. Double refraction increases the number of light rays that reflect back to your eye. It simply dances with light.

And, carat for carat, no gem offers more beauty for less of an investment. Most consumers won't have to sacrifice size or quality to fit their budgets. While the most popular shape is the traditional round brilliant, a variety of classic and innovative shapes and sizes are available to add brilliance to designer jewelry styles or timeless classics like stud earrings.

FOREVER BRILLIANT®
Created by CHARLES & COLVARD

Forever Brilliant® is the world's finest Moissanite in never-before-seen near-colorless shades of white. In fact it is up to four grades whiter than conventional Moissanite. With Forever Brilliant, Charles & Colvard has perfected Created Moissanite®.

A technical breakthrough a decade in the making, Forever Brilliant® is made from a patented two-step process. It is a jewel that dazzles from across the room, and it's whiter so its sparkle is noticeably brighter and purified. Side-by-side with any gem, there's no comparison.

Forever Brilliant® is certified, laser inscribed, and guaranteed from the source. Charles & Colvard Created Moissanite® and Forever Brilliant® come with a certificate of authenticity and limited lifetime warranty.

CHARLES & COLVARD™ CREATED MOISSANITE



The beauty of the rare gem Moissanite is like nothing else on earth – in fact, it was born of a star. Fifty thousand years ago, a meteorite crashed into the Arizona desert, scattering fragments for many miles.

Hidden in them was a brilliant secret waiting to be discovered: a new mineral whose brilliance, radiance and luster surpassed that of Diamond itself. This mineral was called Moissanite, named for Nobel Prize-winning scientist Henri Moissan, who studied the meteor's fragments in the 19th century.

Naturally occurring quantities of Moissanite are so small, however, that gem-size crystals did not exist until 1998, when Charles & Colvard introduced laboratory-grown crystals to the international market.

Charles & Colvard Created Moissanite boasts fire, brilliance and luster beyond all jewels.

Hardness: 9.25

Quality Information:

Very Good: Man-made, slightly tinted greenish yellow, good cut, very high dispersion

Forever Brilliant® Very Good: Near colorless; eye clean; excellent brilliance; good cut; good polish

stuller.com/moissanite

stuller.com/foreverbrilliantmoissanite

						
shape / cut	ANTIQUE SQUARE	EMERALD / OCTAGON, RADIANT-CUT	HALF MOON	HEART	MARQUISE	OVAL
quality	Very Good	Very Good	Very Good	Very Good	Very Good	Very Good
mm	4.0 to 9.0	5x3 to 12x10	5x3 to 5.5x3.5	4.0 to 6.5	5x2.5 to 12x6	5x3 to 14x10
						
shape / cut	PEAR	ROUND	SQUARE BRILLIANT-CUT	TRIANGLE	TRILLION	
quality	Very Good	Very Good	Very Good	Very Good	Very Good	
mm	5x3 to 10x7	1.3 to 12.0	2.5 to 9.0	3.5 to 6.0	3.0 to 9.0	

FOREVER BRILLIANT® MOISSANITE

						
shape / cut	ANTIQUE SQUARE	EMERALD / OCTAGON	OVAL	PEAR	SQUARE, PRINCESS-CUT	
quality	Very Good	Very Good	Very Good	Very Good	Very Good	
mm	4.0 to 9.0	6x4 to 10x8	6x4 to 10x8	6x4 to 9x6	4.0 to 10.5	4.0 to 6.5



Chatham® Created Gemstones

As Beautiful as Nature Itself

The Unique Discovery of Chatham®

In 1938, after many years of research and determination, Carroll F. Chatham, a young scientist in San Francisco, California discovered the secret of growing gems. He realized that by duplicating the conditions deep within the earth, the proper temperatures, pressures and chemical solutions, his laboratory was capable of actually growing gems. Gemstones possessing the same physical, chemical, spectral and optical qualities of mined gems at a fraction of the cost. A discovery so unique, it remains a carefully guarded family secret to this day.

Reasons to Buy Chatham® Created Gemstones

1. Commitment to the highest standard of quality and service.
2. Long term history of achievement and presence in the fine jewelry industry.
3. Identical chemical, optical, and physical characteristics to their mined counterparts.
4. The most beautiful gemstones at a fraction of the price from their natural counterpart.
5. Never treated, colors are permanent, and part of the growth process.
6. Chatham Created Gemstones are the only gemstones covered by a lifetime warranty.

Chatham®
CULTURING TO PERFECTION

CHATHAM® CREATED ALEXANDRITE



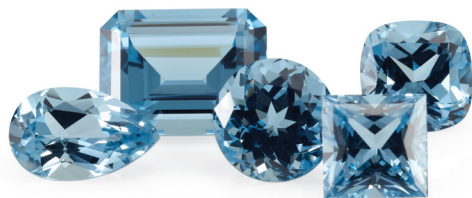
Quality Information:

Gem: Medium to dark greenish blue changing to medium violet red; eye clean; good cut; good polish

stuller.com/chatham-alexandrite

				
shape / cut	ANTIQUE CUSHION	ANTIQUE SQUARE	STRAIGHT BAGUETTE	EMERALD / OCTAGON
quality	Gem	Gem	Gem	Gem
mm	7x5 to 10x8	4.0 to 8.0	4x2 to 5x2	5x3 to 12x10
				
shape / cut	HEART	MARQUISE	OVAL	PEAR
quality	Gem	Gem	Gem	Gem
mm	4.0 to 6.0	4x2 to 12x6	5x3 to 12x10	5x3 to 10x7
				
shape / cut	ROUND	SQUARE PRINCESS-CUT	SQUARE STEP-CUT	TRILLION
quality	Gem	Gem	Gem	Gem
mm	2.0 to 8.0	2.0 to 6.5	2.0 to 3.0	4.0 to 8.0






CHATHAM® CREATED AQUA BLUE SPINEL



Quality Information:

Gem: Light to medium blue; eye clean; good cut; good polish

stuller.com/chatham-aqua-spinel

							
shape / cut	ANTIQUE CUSHION	ANTIQUE SQUARE	EMERALD / OCTAGON	OVAL	ROUND	PEAR	SQUARE PRINCESS-CUT
quality	Gem	Gem	Gem	Gem	Gem	Gem	Gem
mm	7x5 to 10x8	4.0 to 8.0	7x5 to 10x8	6x4 to 10x8	4.0 to 8.0	6x4 to 10x7	4.0 to 8.0













CHATHAM® CREATED EMERALD



Quality Information:

Gem: Medium to dark green; eye clean; good cut; good polish

stuller.com/chatham-emerald

						
shape / cut	ANTIQUÉ CUSHION	ANTIQUÉ SQUARE	STRAIGHT BAGUETTE	EMERALD / OCTAGON	HEART	MARQUISE
quality	Gem	Gem	Gem	Gem	Gem	Gem
mm	7x5 to 10x8	4.0 to 8.0	4x2 to 5x2	5x3 to 12x10	3.0 to 7.0	4x2 to 12x6
						
shape / cut	OVAL	PEAR	ROUND	SQUARE PRINCESS-CUT	SQUARE STEP-CUT	TRILLION
quality	Gem	Gem	Gem	Gem	Gem	Gem
mm	5x3 to 12x10	5x3 to 10x7	1.5 to 8.0	2.0 to 8.0	2.0 to 3.5	4.0 to 8.0












CHATHAM® CREATED RUBY



Quality Information:

Gem: Medium to dark blood red; eye clean; good cut; good polish

stuller.com/chatham-ruby

						
shape / cut	ANTIQUÉ CUSHION	STRAIGHT BAGUETTE	EMERALD / OCTAGON	HEART	MARQUISE	OVAL
quality	Gem	Gem	Gem	Gem	Gem	Gem
mm	7x5 to 10x8	4x2 to 5x2	5x3 to 10x8	3.0 to 7.0	4x2 to 10x5	5x3 to 12x10
						
shape / cut	PEAR	ROUND	SQUARE PRINCESS-CUT	SQUARE STEP-CUT	TRILLION	
quality	Gem	Gem	Gem	Gem	Gem	Gem
mm	5x3 to 10x7	1.75 to 8.0	2.0 to 8.0	2.0 to 3.0	3.0 to 7.0	



CHATHAM® CREATED PADPARADSCHA SAPPHIRE



Quality Information:

Gem: Medium to light reddish orange (pink); good cut; good polish

stuller.com/padparadscha-sapphire

		
shape / cut	OVAL	ROUND
quality	Gem	Gem
mm	5x3 to 8x6	2.0 to 6.0



CHATHAM® CREATED BLUE SAPPHIRE



Quality Information:

Gem: Medium to dark blue; eye clean; good cut; good polish

stuller.com/chatham-blue-sapphire

						
shape / cut	ANTIQUE CUSHION	ANTIQUE SQUARE	STRAIGHT BAGUETTE	EMERALD / OCTAGON	HEART	MARQUISE
quality	Gem	Gem	Gem	Gem	Gem	Gem
mm	7x5 to 10x8	4.0 to 8.0	4x2 to 5x2	5x3 to 12x10	3.0 to 6.0	5x3 to 12x6
						
shape / cut	OVAL	PEAR	ROUND	SQUARE PRINCESS-CUT	SQUARE STEP-CUT	TRILLION
quality	Gem	Gem	Gem	Gem	Gem	Gem
mm	5x3 to 12x10	5x3 to 10x7	2.0 to 8.0	2.0 to 8.0	2.0 to 5.0	3.0 to 9.0











CHATHAM® CREATED PINK SAPPHIRE



Quality Information:




Gem: Medium pink; eye clean; good cut; good polish

stuller.com/chatham-pink-sapphire

					
shape / cut	ANTIQUE CUSHION	ANTIQUE SQUARE	EMERALD / OCTAGON	HEART	MARQUISE
quality	Gem	Gem	Gem	Gem	Gem
mm	7x5 to 10x8	4.0 to 6.0	6x4 to 9x7	4.0 to 6.0	6x3 to 10x5
					
shape / cut	OVAL	PEAR	ROUND	SQUARE PRINCESS-CUT	TRILLION
quality	Gem	Gem	Gem	Gem	Gem
mm	5x3 to 10x8	5x3 to 9x6	2.0 to 6.0	2.0 to 6.5	3.0 to 5.0

CHATHAM® CREATED YELLOW SAPPHIRE



			
shape / cut	OVAL	ROUND	SQUARE, PRINCESS-CUT
quality	Gem	Gem	Gem
mm	5x3 to 9x7	2.0 to 6.0	2.0 to 6.0

Quality Information:

Gem: Medium yellow; eye clean; good cut; good polish

stuller.com/chatham-yellow-sapphire

CHATHAM® CREATED WHITE OPAL

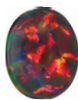
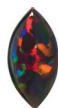


shape / cut	OVAL, CABOCHON-CUT	ROUND, CABOCHON-CUT	SQUARE, CABOCHON-CUT
quality	Standard	Standard	Standard
mm	6x4 to 10x8	4.0 to 6.0	6.0

Quality Information:

Semi-translucent, medium to high fire; color range - blues, greens and reds

GILSON® CREATED BLACK OPAL



shape / cut	MARQUISE, CABOCHON-CUT	OVAL, CABOCHON-CUT	ROUND, CABOCHON-CUT
quality	Standard	Standard	Standard
mm	6x3 to 15x7	5x3 to 12x10	3.0 to 8.0

Quality Information:

Black background with vibrant oranges, blues, greens and reds; good cut

GILSON® CREATED MOSAIC OPAL TRIPLET



shape / cut	HEART, CABOCHON-CUT	MARQUISE, CABOCHON-CUT	OVAL, CABOCHON-CUT
quality	Standard	Standard	Standard
mm	5.0 to 8.0	6x3 to 12x6	5x3 to 16x12

Quality Information:

A layer of thin mosaic created opal cemented between a dark base and a clear top



shape / cut	PEAR, CABOCHON-CUT	ROUND, CABOCHON-CUT	TRILLION, CABOCHON-CUT
quality	Standard	Standard	Standard
mm	5x3 to 10x7	4.0 to 10.0	5.0 to 8.0

SYNTHETIC STAR RUBY



shape / cut	OVAL, CABOCHON-CUT	ROUND, CABOCHON-CUT
quality	Standard	Standard
mm	5x3 to 12x10	4.0 to 8.0

Hardness: 9

Quality Information:

Medium to dark purplish red; good noticeable six-ray star; good polish; medium dome

SYNTHETIC BLUE STAR SAPPHIRE



shape / cut	OVAL, CABOCHON-CUT	ROUND, CABOCHON-CUT
quality	Standard	Standard
mm	5x3 to 12x10	4.0 to 8.0

Hardness: 9

Quality Information:

Medium to dark blue; good noticeable six-ray star; good polish; medium dome

SWAROVSKI GEMS™ BLACK CUBIC ZIRCONIA



Quality Information:
Jet black; machine cut

shape / cut	ROUND, BRILLIANT-CUT
quality	Standard
mm	2.0 to 3.0

LAVENDER CUBIC ZIRCONIA

Quality Information:
Vivid lilac color; good cut



shape / cut	EMERALD / OCTAGON, RADIANT-CUT	HEART	MARQUISE	OVAL	PEAR	ROUND
quality	Standard	Standard	Standard	Standard	Standard	Standard
mm	5x3 to 12x10	4.0 to 10.0	5x2.5 to 14x7	5x3 to 14x12	5x3 to 12x8	2.5 to 12.0

PINK CUBIC ZIRCONIA

Quality Information:
Bright pink color; good cut



shape / cut	EMERALD / OCTAGON, RADIANT-CUT	HEART	MARQUISE	OVAL	PEAR	ROUND	SQUARE, PRINCESS-CUT
quality	Standard	Standard	Standard	Standard	Standard	Standard	Standard
mm	5x3 to 16x12	4.0 to 10.0	4x2 to 15x7	5x3 to 16x12	5x3 to 13x8	1.75 to 12.0	2.5 to 5.0

YELLOW CUBIC ZIRCONIA

Quality Information:
Bright yellow color; good cut



shape / cut	EMERALD / OCTAGON, RADIANT-CUT	MARQUISE	OVAL	PEAR	ROUND	SQUARE, PRINCESS-CUT
quality	Standard	Standard	Standard	Standard	Standard	Standard
mm	6x4 to 16x12	4x2 to 14x7	5x3 to 16x12	5x3 to 12x8	1.75 to 12.0	2.5 to 4.0

COLORLESS CUBIC ZIRCONIA

shape / cut	ANTIQUE SQUARE	ASSCHER	STRAIGHT BAGUETTE	TAPERED BAGUETTE	Quality Information: Good brilliance; good cut	
quality	Standard	Standard	Standard	Standard		
mm	3.0 to 7.5	3.0 to 8.0	1.25x1 to 6x3	1.25x1x.75 to 7.5x3x1.5		

shape / cut	EMERALD / OCTAGON, RADIANT-CUT	EMERALD / OCTAGON, STEP-CUT	HEART	HALF-MOON	MARQUISE
quality	Standard	Standard	Standard	Standard	Standard
mm	4x3 to 14x12	3.75x2.75 to 14x12	4.0 to 10.0	5x3 to 6x3.75	2.5x1.25 to 16x8

shape / cut	OVAL	PEAR	ROUND, MACHINE-CUT	ROUND	SQUARE, PRINCESS-CUT	SQUARE, STEP-CUT
quality	Standard	Standard	Standard	Standard	Standard	Standard
mm	4x3 to 16x12	4x2.5 to 15x10	1.0 to 8.0	8.5 to 13.0	1.5 to 12.0	1.25





shape / cut	TRAPEZOID, RADIANT-CUT	TRAPEZOID, STEP-CUT	TRIANGLE, CUT CORNERS	TRIANGLE, POINTED CORNERS	TRILLION
quality	Standard	Standard	Standard	Standard	Standard
mm	5x3	5.5x3.5 to 6.2x3.5	3.0 to 9.0	3.0 to 12.0	3.0 to 8.0

SWAROVSKI GEMS™ COLORLESS CUBIC ZIRCONIA

shape / cut	STRAIGHT BAGUETTE, PRINCESS-CUT	STRAIGHT BAGUETTE, STEP-CUT	TAPERED BAGUETTE	EMERALD / OCTAGON	MARQUISE	Quality Information: Good brilliance; good cut	
quality	Standard	Standard	Standard	Standard	Standard		
mm	4x2 to 6x3	3x2 to 6x3	2.5x1.5x1 to 4x2x1.5	5x3 to 7x5	4x2 to 8x4		

shape / cut	OVAL	PEAR	ROUND	SQUARE, PRINCESS-CUT	SQUARE, STEP-CUT
quality	Standard	Standard	Standard	Standard	Standard
mm	5x3 to 8x6	5x3 to 8x5	.08 to 8.0	1.5 to 6.0	2.0 to 4.0

IMITATION PEARLS

		
shape / cut	WHITE, HALF-DRILLED	WHITE, UNDRILLED
quality	Standard	Standard
mm	3.0 to 12.0	2.0
		
shape / cut	BLACK, HALF-DRILLED	WHITE, MABÉ
quality	Standard	Standard
mm	4.0 to 10.0	10.0

Quality Information:

Undrilled: Plastic and glass; good shape; good luster

Half-Drilled: Glass; color range—white, pinkish or cream; good shape; good luster

Black Pearls: Glass; color range (dyed)—grey with green, pink, blue or purple overtones; good shape; good luster

Mabé: Plastic, assembled; good shape; good luster

Package of 12

MASONIC

		
shape / cut	CUSHION, BUFF TOP-CUT, BLACK ONYX, BLUE, RED	OVAL, BUFF TOP-CUT, BLACK ONYX, BLUE, RED
quality	Standard	Standard
mm	10x8 to 14x12	10x8 to 12x10

Quality Information:

Available in synthetic Blue Spinel, synthetic Red Corundum, or Onyx with a 10kt yellow gold emblem

FOILBACK





	
shape / cut	ROUND, FOILBACK, BLUE, RED, COLORLESS
quality	Standard
mm	1.25 to 4.0

Quality Information:

Bright; blue, red or colorless stone with gold foil backing; good cut

Package of 12

IMITATION GREY CAT'S EYE

				
shape / cut	ANTIQUE CUSHION, BUFF TOP-CUT	ANTIQUE SQUARE, BUFF TOP-CUT	OVAL, CABOCHON-CUT	SQUARE, BUFF TOP-CUT
quality	Standard	Standard	Standard	Standard
mm	10x8 to 14x12	8.0 to 10.0	6x4 to 16x12	8.0

Quality Information:

Medium to dark grey; good eye; good polish; medium dome

IMITATION TANZANITE















		
shape / cut	EMERALD/OCTAGON	OVAL
quality	Standard	Standard
mm	7 x 5 to 10 x 8	5 x 3 to 12 x 10

Quality Information:

Deep violet blue; eye clean; good brilliance















JANUARY– IMITATION GARNET

Quality Information: Medium to dark red

							
shape / cut	ANTIQUE CUSHION	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	CUSHION	EMERALD / OCTAGON	HEART
mm	8x6	8x6 to 10x8	5.0 to 12.0	4x1.5 to 5x2.5	5x3 to 14x12	5x3 to 18x13	3.0 to 10.0
							
shape / cut	MARQUISE	OVAL	PEAR	ROUND	SQUARE, STEP-CUT	TRILLION	
mm	4x2 to 15x7	5x3 to 18x13	5x3 to 12x8	1.0 to 12.0	2.0 to 8.0	4.0 to 7.0	
















FEBRUARY– IMITATION AMETHYST

Quality Information: Light to medium purple

							
shape / cut	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE SQUARE	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	CUSHION	EMERALD / OCTAGON	HEART
mm	8x6 to 10x8	5.0	5.0 to 12.0	4x1.5 to 5x2.5	5x3 to 14x12	5x3 to 18x13	3.0 to 10.0
							
shape / cut	MARQUISE	OVAL	PEAR	ROUND	SQUARE, STEP-CUT	TRILLION	
mm	4x2 to 15x7	5x3 to 18x13	5x3 to 12x8	1.5 to 12.0	2.0 to 8.0	4.0 to 7.0	













MARCH– IMITATION AQUAMARINE

Quality Information: Medium to light sky blue

							
shape / cut	ANTIQUE CUSHION	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE SQUARE	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	CUSHION	EMERALD / OCTAGON
mm	8x6	8x6 to 10x8	5.0	5.0 to 12.0	4x1.5 to 5x2.5	5x3 to 14x12	5x3 to 18x13
							
shape / cut	HEART	MARQUISE	OVAL	PEAR	ROUND	SQUARE, STEP-CUT	TRILLION
mm	3.0 to 10.0	4x2 to 15x7	5x3 to 18x13	5x3 to 12x8	1.0 to 12.0	2.0 to 8.0	4.0 to 7.0














APRIL– IMITATION DIAMOND

Quality Information: Colorless

						
shape / cut	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	CUSHION	EMERALD / OCTAGON	HEART	MARQUISE
mm	5.0 to 12.0	4x1.5 to 5x2.5	5x3 to 14x12	5x3 to 18x13	3.0 to 10.0	4x2 to 15x7
						
shape / cut	OVAL	PEAR	ROUND	SQUARE, STEP-CUT	TRILLION	
mm	5x3 to 18x13	5x3 to 12x8	1.0 to 12.0	2.0	4.0 to 6.0	













MAY– IMITATION EMERALD

Quality Information: Medium to dark green

						
shape / cut	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	CUSHION	EMERALD / OCTAGON	HEART	MARQUISE
mm	5.0 to 12.0	4x1.5 to 5x2.5	5x3 to 14x12	5x3 to 18x13	3.0 to 10.0	4x2 to 15x7
						
shape / cut	OVAL	PEAR	ROUND	SQUARE, PRINCESS-CUT	SQUARE, STEP-CUT	TRILLION
mm	4x3 to 18x13	4x3 to 12x8	1.5 to 12.0	2.0 to 3.0	2.0 to 8.0	4.0 to 7.0














JUNE– IMITATION ALEXANDRITE

Quality Information: Grayish purple with a very slight change to violet red

						
shape / cut	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	CUSHION	EMERALD / OCTAGON	HEART	MARQUISE
mm	5.0 to 12.0	4x1.5 to 5x2.5	5x3 to 14x12	5x3 to 18x13	4.0 to 10.0	4x2 to 15x7
						
shape / cut	OVAL	PEAR	ROUND	SQUARE, STEP-CUT	TRILLION	
mm	5x3 to 18x13	5x3 to 12x8	1.5 to 12.0	2.0 to 8.0	4.0 to 7.0	
















JULY– IMITATION RUBY

Quality Information: Medium to dark pinkish red

						
shape / cut	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	CUSHION	EMERALD / OCTAGON	HEART	MARQUISE
mm	5.0 to 12.0	4x1.5 to 5x2.5	5x3 to 14x12	5x3 to 18x13	3.0 to 10.0	4x2 to 15x7
						
shape / cut	OVAL	PEAR	ROUND	SQUARE, PRINCESS-CUT	SQUARE, STEP-CUT	TRILLION
mm	4x3 to 18x13	4x3 to 12x8	1.0 to 12.0	2.0 to 3.0	2.0 to 8.0	4.0 to 7.0














AUGUST– IMITATION PERIDOT

Quality Information: Medium to dark yellowish green

							
shape / cut	ANTIQUE CUSHION	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE SQUARE	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	CUSHION	EMERALD / OCTAGON
mm	8x6	8x6 to 9x7	5.0	5.0 to 12.0	4x1.5 to 5x2.5	5x3 to 14x12	5x3 to 18x13
							
shape / cut	HEART	MARQUISE	OVAL	PEAR	ROUND	SQUARE, STEP-CUT	TRILLION
mm	3.0 to 10.0	4x2 to 15x7	4x3 to 18x13	4x3 to 12x8	1.5 to 12.0	2.0 to 8.0	4.0 to 7.0













SEPTEMBER– IMITATION SAPPHIRE

Quality Information: Royal blue

						
shape / cut	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	CUSHION	EMERALD / OCTAGON	HEART	MARQUISE
mm	5.0 to 12.0	4x1.5 to 5x2.5	5x3 to 14x12	5x3 to 18x13	3.0 to 10.0	4x2 to 15x7
						
shape / cut	OVAL	PEAR	ROUND	SQUARE, PRINCESS-CUT	SQUARE, STEP-CUT	TRILLION
mm	4x3 to 18x13	4x3 to 12x8	1.0 to 12.0	2.0 to 3.0	2.0 to 8.0	3.0 to 7.0















OCTOBER—IMITATION PINK TOURMALINE

Quality Information: Light to medium pink

						
shape / cut	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	CUSHION	EMERALD / OCTAGON	HEART	MARQUISE
mm	5.0 to 12.0	4x1.5 to 5x2.5	5x3 to 14x12	5x3 to 18x13	3.0 to 10.0	4x2 to 15x7
						
shape / cut	OVAL	PEAR	ROUND	SQUARE, STEP-CUT	TRILLION	
mm	5x3 to 18x13	5x3 to 12x8	1.5 to 12.0	2.0 to 8.0	4.0 to 7.0	














NOVEMBER—IMITATION CITRINE

Quality Information: Medium to dark yellow or orange

							
shape / cut	ANTIQUE CUSHION	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	CUSHION	EMERALD / OCTAGON	HEART
mm	8x6	8x6 to 10x8	5.0 to 12.0	4x1.5 to 5x2.5	5x3 to 14x12	5x3 to 18x13	3.0 to 10.0
							
shape / cut	MARQUISE	OVAL	PEAR	ROUND	SQUARE, STEP-CUT	TRILLION	
mm	4x2 to 15x7	5x3 to 18x13	5x3 to 12x8	1.5 to 12.0	2.0 to 8.0	4.0 to 7.0	

DECEMBER—IMITATION BLUE ZIRCON

Quality Information: Medium to slightly dark greenish blue

							
shape / cut	ANTIQUE CUSHION, CHECKERBOARD-CUT	ANTIQUE SQUARE, CHECKERBOARD-CUT	STRAIGHT BAGUETTE	CUSHION	EMERALD / OCTAGON	HEART	
mm	8x6 to 10x8	5.0 to 12.0	4x1.5 to 5x2.5	5x3 to 14x12	5x3 to 18x13	3.0 to 10.0	
							
shape / cut	MARQUISE	OVAL	PEAR	ROUND	SQUARE, STEP-CUT	TRILLION	
mm	4x2 to 15x7	5x3 to 18x13	5x3 to 12x8	1.5 to 12.0	2.0 to 8.0	4.0 to 7.0	

ENHANCEMENT:

Any traditional process other than cutting and polishing that improves the appearance (color/clarity/phenomena), durability, or availability of a gemstone.

N The “N” symbol appears on the chart only for natural stones which are not currently known to be enhanced; however, the “N” symbol can also be used for other natural gemstones in the event that a gemstone has received no enhancement and the seller will provide a guarantee that there has been none.

SC The “SC” symbol indicates that a gemstone has undergone special care.

SYMBOLS FOR SPECIFIC FORMS OF ENHANCEMENT

ASBL ASSEMBLED

“ASBL” is the tag code for products made of multiple layers or combinations of manufactured and/or natural material fused, bonded or otherwise joined together to increase stability and/or imitate the appearance of a natural gemstone, create a unique design or generate unusual color combinations.

B BLEACHING

The use of heat, light and/or other agents to lighten or remove a gemstone’s color.

C COATING

The use of such surface enhancements as lacquering, enameling, inking, foiling, or sputtering of films to improve appearance, provide color, or add other special effects.

D DYEING

The introduction of coloring matter into a gemstone to give it new color, intensify present color or improve color uniformity.

F FILLING

The filling of surface-breaking cavities or fissures with colorless glass, plastic, solidified borax or similar substances. This process may improve durability, appearance, and/or add weight.

H HEATING

The use of heat to effect desired alteration of color, clarity, and/or phenomena. If residue of foreign substances in open fissures is visible under properly illuminated 10X magnification H and F should be used.

HP HEATING AND PRESSURE

The use of heat and pressure combined to effect desired alterations of color, clarity and/or phenomena.

IMIT IMITATION

“IMIT” is the tag code used for a manufactured product fabricated in such materials as glass, ceramic or plastic designed to imitate or resemble the appearance, but not duplicate the characteristic properties of a natural gemstone. “IMIT” is also the tag code for a simulant, which is defined as man-made single crystal product that is used to simulate the appearance, but not duplicate the characteristic properties of the natural gemstone it imitates.

I IMPREGNATION

The impregnation of a porous gemstone with a colorless agent (usually plastic) to improve durability and appearance.

L LASERING

The use of a laser and chemicals to reach and alter inclusions in gemstones, usually diamonds.

O OILING/RESIN INFUSION:

The filling of surface-breaking fissures with colorless oil, wax, resin, or other colorless substances, except glass or plastic, to improve the gemstone’s appearance.

SYN SYNTHETIC:

The tag code may be used to describe “synthetic” materials that have essentially the same optical, physical and chemical properties as a naturally occurring counterpart.

R IRRADIATION:

The use of neutrons, gamma rays or beta particles (high energy electrons) to alter a gemstone’s color. The irradiation may be followed by a heating process.

U DIFFUSION:

The use of chemicals in conjunction with high temperatures to produce artificial color change and/or asterism-producing inclusions.

W WAXING/OILING:

The impregnation of a colorless wax, paraffin, and oil in porous opaque or translucent gemstones to improve appearance.

mm TO DIAMOND CARAT WEIGHT CONVERSION

(Note: These are approximate diamond sizes.)

Carat Size	Round Shape mm	Pear Shape mm	Marquise Shape mm	Oval Shape mm	Octagon Shape mm	Heart Shape mm	Trillion Shape mm	Square Shape mm
0.005	1.0							
0.0075	1.12							
0.01	1.3							
0.015	1.5							
0.02	1.7							
0.025	1.8							
0.03	2.0							1.5 x 1.5
0.035	2.1		2.5 x 1.25					
0.04	2.2		3 x 1.5					1.75 x 1.75
0.05	2.4							
0.06	2.5		3.5 x 1.75					2 x 2
0.07	2.7		3.5 x 2					2.25 x 2.25
0.08	2.8							
0.09	2.9	3 x 2.5	4 x 2					
0.10	3.0						3 x 3 x 3	2.5 x 2.5
0.11	3.1		4.25 x 2.25					
0.12	3.2	4 x 2.5				3 x 3		
0.14	3.3	4 x 3	4.5 x 2.5				3.5 x 3.5 x 3.5	2.75 x 2.75
0.15	3.4		5 x 2.5					
0.16	3.5	4.5 x 3						
0.17	3.6							3 x 3
0.18	3.7						4 x 4 x 4	
0.20	3.8	5 x 3	5 x 3	4 x 3		3.5 x 3.5		3.25 x 3.25
0.22	3.9							
0.23	4.0							3.5 x 3.5
0.25	4.1		6 x 3	5 x 3	4 x 3	4 x 4	4.5 x 4.5 x 4.5	
0.30	4.2	5.5 x 3.5	6 x 3.5					3.75 x 3.75
0.33	4.4				4.5 x 3		5 x 5 x 5	
0.38	4.6		7 x 3.5	5 x 4		4.5 x 4.5		4 x 4
0.40	4.8						5.5 x 5.5 x 5.5	
0.47	5.0							
0.50	5.2	6 x 4	8 x 4	6 x 4	6 x 4	5 x 5	6 x 6 x 6	
0.60	5.4							
0.65	5.6					5.5 x 5.5		
0.75	5.8	7 x 5	9 x 4.5		6.5 x 4.5	6 x 6		
0.80	6.0							
0.95	6.4							
1.00	6.5	8 x 5	10 x 5	7 x 5	7 x 5	6.5 x 6.5		
1.10	6.6							
1.17	6.8							
1.25	7.0			7.5 x 5.5				
1.33	7.2							
1.50	7.4	9 x 6	11 x 5.5	8 x 6	8 x 6	7 x 7	7 x 7 x 7	
1.60	7.6							
1.75	7.8							
1.90	8.0							
2.00	8.2	10 x 7	12 x 6	8.5 x 6.5	8.5 x 6.5	8 x 8	8 x 8 x 8	
2.15	8.4							
2.25	8.6							
2.50	8.8	12 x 7	13 x 6.5	9 x 7	9 x 7	8.5 x 8.5	9 x 9 x 9	
2.85	9.2							
3.00	9.4	12 x 8	14 x 7	10 x 8	10 x 8	9 x 9	10 x 10 x 10	
3.15	9.6							
3.35	9.8							
3.50	10.0	13 x 8	14 x 7.5	10 x 8.5		9.5 x 9.5		
3.75	10.2							
4.00	10.4	14 x 8	16 x 8	11 x 9	11 x 9	10 x 10		
4.25	10.6							
4.50	10.8	14.5 x 9		11 x 9.5		10.5 x 10.5		
4.75	11.0							
5.00	11.2	15 x 9	16 x 8.5	12 x 10	12 x 10	11 x 11		

MEASURING STONES



BAGUETTE STONES

Measured vertically from the top to the bottom, and across the widest part on straight baguettes or both end widths on tapered baguettes.



HEART-SHAPED STONES

Measured vertically from the top to the bottom, and across the widest part.



HEXAGON-SHAPED STONES

Measured flat side to flat side.



MARQUISE-SHAPED STONES

Measured from the top point to the bottom point, and across the widest part.



OVAL-SHAPED STONES

Measured vertically from the top to the bottom, and across the widest part.



PEAR-SHAPED STONES

Measured vertically from the top to the point, and across the widest part.



RECTANGLE-SHAPED STONES

Measured vertically from the top to the bottom, and across the widest part (Includes Octagon, Cushion, and Antique Cushion shapes).



ROUND-SHAPED STONES

Measured across the widest point.



SQUARE-SHAPED STONES

Measured vertically from the top to the bottom and horizontally from side to side (Includes Antique, Princess-cut and Square, Step-cut shapes).



TRIANGLE/TRILLION-SHAPED STONES

Measured vertically from the base to the point.

PROPERTIES AND REACTIONS

STONE TYPE	PROPERTIES					REACTIONS			
	RI	Specific Gravity	Species	Optic Character	Phenomena	Ultrasonic	Steamer	Heat	Chemicals
Alexandrite	1.746-1.755	3.73	Chrysoberyl	DR	Color Change	Usually safe	Usually safe	Stable	None
Amethyst	1.544-1.553	2.66	Quartz	DR	None	Usually safe	Risky	Poor - color change may occur with heat	Hydrofluoric acid, ammonium fluoride
Ametrine	1.544-1.553	2.66	Quartz	DR	None	Usually safe	Risky	Fair - color change may occur with heat	Hydrofluoric acid, ammonium fluoride
Aquamarine	1.577-1.583	2.72	Beryl	DR	Chatoyancy (rare)	Usually safe	Usually safe	Usually safe	Hydrofluoric acid
Bloodstone	1.535-1.539	2.60	Chalcedony	AGG	None	Usually safe	Usually safe	Poor - color change may occur with heat	Hydrofluoric acid
Cameo - Shell	1.53-1.685	2.86	Calcareous	AGG	None	Risky	Risky	Very poor - blackening of stone may occur	Attacked by acids
Cameo - Agate	1.535-1.539	2.60	Chalcedony	AGG	None	Usually safe	Usually safe	Very poor - blackening of stone may occur	Attacked by acids
Carnelian	1.535-1.539	2.60	Chalcedony	AGG	None	Usually safe	Usually safe	Poor - color change may occur with heat	Hydrofluoric acid, nitric acid
Chalcedony	1.535-1.539	2.60	Chalcedony	AGG	None	Usually safe	Usually safe	Poor - color change may occur with heat	Hydrofluoric acid
Chrysoprase	1.535-1.539	2.60	Chalcedony	AGG	None	Usually safe	Usually safe	Poor - color change may occur with heat	Hydrofluoric acid
Citrine	1.544-1.553	2.66	Quartz	DR	None	Usually safe	Risky	Fair - color change may occur with heat	Hydrofluoric acid, ammonium fluoride
Coral	1.486-1.658	2.65	Calcareous	AGG	None	Risky	Risky	Very poor - blackening of stone may occur	Attacked by acids
Diamond	2.417	3.52	Diamond	SR	None	Safe	Safe	Good	None
Emerald	1.577-1.583	2.72	Beryl	DR	Chatoyancy, Asterism (rare)	Risky	Never use	Very poor - should never be heated	Hydrofluoric acid
Garnet - Mozambique	1.714-1.742	3.78	Pyrope	SR, often ADR	None	Usually safe	Risky	Fair to poor - temperature changes may cause fracturing; fuses easily	Hydrofluoric acid
Garnet - Rhodolite	1.76	3.84	Rhodolite	SR, often ADR	None	Usually safe	Never use	Fair to poor - temperature changes may cause fracturing	Hydrofluoric acid
Garnet - Spessartite	1.81	4.15	Spessartite	SR, often ADR	None	Usually safe	Never use	Fair to poor - temperature changes may cause fracturing	Hydrofluoric acid
Garnet - Tavorite	1.74	3.61	Grossularite	SR, often ADR	None	Usually safe	Never use	Fair to poor - temperature changes may cause fracturing	Hydrofluoric acid
Hematite	2.94-3.22	5.20	Hematite	Opaque	None	Usually safe	Usually safe	Fair - may become magnetic	Hydrofluoric acid
Iolite	1.542-1.551	2.61	Iolite	DR	Rare	Risky	Risky	Poor; fusible	Attacked by acids
Jade - Nephrite	1.606-1.632	2.95	Nephrite	AGG	None	Safe	Safe	Poor - no repairs near stone	Warm acids
Jade - Jadeite	1.666-1.680	3.34	Jadeite	AGG	None	Safe	Safe	Poor - no repairs near stone	Warm acids
Labradorite	1.559 or 1.568	2.7	Feldspar	DR	Labradorescence	Never use	Never use	Poor - may crack or cleave	Hydrofluoric acid, hydrochloric acid
Lapis	1.500 or 1.670	2.75	Lapis Lazuli	AGG	None	Risky	Never use	Poor - color change may occur with heat	Hydrochloric acid, cyanide solution
Malachite	1.655 - 1.909	3.95	Malachite	Opaque	None	Never use	Never use	Sensitive to high temperatures	Attacked by acids
Marcasite	Over limits of refractometer (above 1.81)	5.00	Pyrite	Opaque	None	Safe	Safe	Poor - fuses easily under a jewelers torch	Nitric acid; surface oxidizes over time
Moissanite	2.65- 2.69	3.218 -3.22	Silicone Carbide	DR	None	Safe	Safe	Stable	None
Moonstone	1.518-1.526	2.58	Orthoclase Feldspar	DR	Adularescence	Never use	Never use	Poor	Hydrofluoric acid

STONE TYPE	PROPERTIES					REACTIONS			
	RI	Specific Gravity	Species	Optic Character	Phenomena	Ultrasonic	Steamer	Heat	Chemicals
Morganite	1.577-1.583	2.72	Beryl	DR	None	Risky	Risky	Poor - should never be heated	Hydrofluoric acid and solvents
Onyx	1.535-1.539	2.60	Chalcedony	AGG	None	Usually safe	Usually safe	Fair - color change may occur with heat	Hydrofluoric acid, nitric acid
Opal - White	1.45	2.15	Opal	SR, ADR (common)	Play of color	Never use	Never use	Very poor - may cause cracking, change in color or change in phenomena	Hydrofluoric acid caustic alkalis
Opal - Mexican Fire	1.37-1.43	2.15	Opal	SR, ADR (common)	Play of color	Never use	Never use	Very poor - may cause cracking	Hydrofluoric acid caustic alkalis
Pearl - Akoya Cultured	1.53-1.685	2.72-2.78	Pearl	AGG	Orient	Never use	Never use	Poor - high heat may cause burning	All acids
Pearl - Freshwater Cultured	1.53-1.685	2.66-2.78	Pearl	AGG	Orient	Never use	Never use	Poor - high heat may cause burning	All acids
Pearl - Mabé Cultured	1.53-1.686	saltwater - 2.72-2.78	Pearl	AGG	Orient	Never use	Never use	Poor - high heat may cause burning	All acids
Pearl - South Sea	1.53 - 1.685	2.72 -2.78	Pearl	AGG	Orient	Never use	Never use	Poor - high heat may cause burning	All acids
Pearl - Tahitian	1.53 -1.685	2.72 -2.78	Pearl	AGG	Orient	Never use	Never use	Poor - high heat may cause burning	All acids
Peridot	1.654-1.690	3.34	Peridot	DR	None	Risky	Never use	Poor - rapid heat may cause fracturing or breakage	Sulfuric acid, hydrochloric acid, pickling solution
Quartz - Lemon, Green, Smoky, Honey, Rose, Rose de France	1.544-1.553	2.66	Quartz	DR	None	Usually safe	Risky	Poor - color change may occur with heat, may fracture under abrupt temperature changes	Hydrofluoric acid, ammonium fluoride
Quartz - Rutilated	1.544-1.553	2.66	Quartz	DR	None	Usually safe	Risky	Poor - color change may occur with heat, may fracture under abrupt temperature changes	Hydrofluoric acid, ammonium fluoride
Quartz - Tourmalinated	1.544-1.554	2.66	Quartz	DR	None	Usually safe	Risky	Poor - color change may occur with heat, may fracture under abrupt temperature changes	Hydrofluoric acid, ammonium fluoride
Ruby	1.762-1.77	4.00	Corundum	DR	Asterism, Chatoyancy	Usually safe	Usually safe	Good - may improve color	Solutions containing Boron (very rare)
Sapphire	1.762-1.77	4.00	Corundum	DR	Asterism, Color Change, Chatoyancy (very rare)	Usually safe	Usually safe	Poor - may sometimes improve color, but may cause loss of color	Solutions containing Borax
Spinel	1.718	3.60	Spinel	SR	Asterism (rare), Color Change,	Usually safe	Usually safe	Poor - color change may occur with heat	None
Tanzanite	1.691-1.700	3.35	Zoisite	DR	Chatoyancy (rare)	Never use	Never use	Very poor - fuses easily, sudden temperature changes may cause cracking	Hydrochloric/ hydrofluoric acid
Tiger's Eye	1.544-1.553	2.64-2.71	Quartz	AGG	Chatoyancy	Usually safe	Risky	Poor - rapid heating may cause fracturing or breakage	Hydrofluoric acid, ammonium fluoride
Topaz	1.619-1.627	3.53	Topaz	DR	Chatoyancy (rare)	Never use	Never use	Poor - fracturing or color change may occur with heat	Affected very slightly
Topaz - Diffused	1.619-1.627	2.72	Topaz	DR	None	Usually safe	Usually safe	Usually safe	Hydrofluoric acid
Tourmaline	1.624-1.644	3.06	Tourmaline	DR	Chatoyancy, Color Change (rare)	Risky	Risky	Fair to poor - may cause color change or fracturing	None
Turquoise	1.610-1.650	2.76	Turquoise	AGG	None	Never use	Never use	Very poor - will break into pieces	Hydrochloric acid, specific gravity liquids
Zircon, Blue	1.925-1.984	3.90-4.73	Zircon	DR	Chatoyancy (rare)	Risky	Risky	Poor - color change may occur with heat	None
Zirconia, Cubic	2.15	5.80	Zirconia, Synthetic	SR	None	Safe	Safe	Sensitive to high temperatures	None

GIFT GIVING GUIDE

TRADITIONAL GENUINE BIRTHSTONES

Month	Stone
January	Garnet
February	Amethyst
March	Aquamarine, Bloodstone
April	Diamond
May	Emerald
June	Pearl, Moonstone, Alexandrite
July	Ruby
August	Peridot, Sardonyx
September	Sapphire
October	Opal, Pink Tourmaline
November	Topaz, Citrine
December	Turquoise, Blue Zircon, Tanzanite

TRADITIONAL WEDDING ANNIVERSARY STONES

Year	Stone
1st	Peridot
2nd	Red Garnet
3rd	Jade, Pearl
4th	Blue Zircon, Topaz, Amethyst
5th	Pink Tourmaline, Sapphire
6th	Turquoise, Amethyst
7th	Yellow Sapphire
8th	Tanzanite, Tourmaline
9th	Amethyst, Lapis, Tiger's Eye
10th	Blue Sapphire
11th	Citrine, Turquoise
12th	Opal, Jade
13th	Moonstone, Citrine
14th	Agate, Opal
15th	Rhodolite Garnet, Ruby
16th	Red Spinel, Peridot, Aquamarine
17th	Carnelian
18th	Aquamarine, Opal
19th	Garnet, Topaz, Aquamarine
20th	Yellow Diamond, Emerald
25th	Tsavorite Garnet
30th	Pearl
35th	Emerald, Coral
40th	Ruby
45th	Cat's Eye, Alexandrite, Sapphire
50th	Imperial Topaz
55th	Alexandrite, Emerald
60th	Star Ruby
65th	Blue Spinel
70th	Smoky Quartz
75th	Diamond

ZODIAC GEMSTONES



AQUARIUS

Jan 21 - Feb 19
Gemstone: Sapphire



PISCES

Feb 20 - March 20
Gemstone: Amethyst



ARIES

March 21 - April 20
Gemstone: Ruby



TAURUS

April 21 - May 20
Gemstone: Golden Topaz



GEMINI

May 21 - June 21
Gemstone: Citrine



CANCER

June 22 - July 22
Gemstone: Moonstone



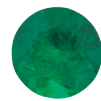
LEO

July 23 - August 23
Gemstone: Garnet



VIRGO

August 24 - September 23
Gemstone: Emerald



LIBRA

September 24 - October 23
Gemstone: Peridot



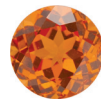
SCORPIO

October 24 - November 22
Gemstone: Aquamarine



SAGITTARIUS

November 23 - December 21
Gemstone: Spessartite Garnet



CAPRICORN

December 22 - January 20
Gemstone: Green Tourmaline



COLOR GEMSTONE SIZE TOLERANCE CHART

ROUND / SQUARE

Size	mm Range	Tolerance
1.0	.86-1.15	+/- .15
1.25	1.16-1.35	+/- .10
1.5	1.36-1.65	+/- .15
1.75	1.66-1.85	+/- .10
2.0	1.86-2.15	+/- .15
2.25	2.16-2.35	+/- .10
2.5	2.36-2.65	+/- .15
2.75	2.66-2.85	+/- .10
3.0	2.86-3.15	+/- .15
3.25	3.16-3.35	+/- .10
3.5	3.36-3.65	+/- .15
3.75	3.66-3.85	+/- .10
4.0	3.86-4.29	+30 -.15
4.5	4.3-4.65	+/- .20
4.75	4.66-4.85	+/- .10
5.0	4.86-5.2	+20 -.15
5.5	5.3-5.7	+/- .20
6.0	5.8-6.2	+/- .20
6.5	6.3-6.7	+/- .20
7.0	6.8-7.2	+/- .20
7.5	7.3-7.7	+/- .20
8.0	7.8-8.3	+30 -.20
8.5	8.4-8.7	+20 -.10
9.0	8.8-9.3	+30 -.20
9.5	9.4-9.7	+20 -.10
10.0	9.8-10.3	+30 -.20

HEART / TRILLION

Size	mm Range	Tolerance
3.0	2.8-3.2	+/- .20
3.5	3.3-3.7	+/- .20
4.0	3.8-4.2	+/- .20
4.5	4.3-4.7	+/- .20
5.0	4.8-5.2	+/- .20
5.5	5.3-5.7	+/- .20
6.0	5.8-6.3	+30 -.20
7.0 UP	6.8-7.3	+30 -.20

OVAL / OCTAGON / CUSHION

Size	mm Range	Tolerance
4x3	3.8-4.2x2.8-3.2	+/- .20
5x3	4.8-5.2x2.8-3.2	+/- .20
5x4	4.8-5.2x3.8-4.2	+/- .20
6x4	5.8-6.2x3.8-4.2	+/- .20
7x5	6.8-7.2x4.8-5.2	+/- .20
8x6	7.8-8.2x5.8-6.2	+/- .20
9x7	8.8-9.2x6.8-7.2	+/- .20
10x8	9.8-10.2x7.8-8.2	+/- .20
11x9	10.8-11.2x8.8-9.2	+/- .20
12x10	11.7-12.3x9.7-10.3	+/- .30
14x10	13.7-14.3x9.7-10.3	+/- .30
14x12	13.7-14.3x11.7-12.3	+/- .30
15x10	14.7-15.3x9.7-10.3	+/- .30
16x12	15.7-16.3x11.7-12.3	+/- .30
18x13	17.7-18.3x12.7-13.3	+/- .30
20x15	19.7-20.3x14.7-15.3	+/- .30

PEAR SHAPE

Size	mm Range	Tolerance
4x3	3.8-4.2x2.8-3.2	+/- .20
5x3	4.8-5.2x2.8-3.2	+/- .20
6x4	5.8-6.2x3.8-4.2	+/- .20
7x5	6.8-7.2x4.8-5.2	+/- .20
8x5	7.8-8.2x4.8-5.2	+/- .20
8x6	7.8-8.2x5.8-6.2	+/- .20
9x6	8.8-9.2x5.8-6.2	+/- .20
10x7	9.8-10.2x6.8-7.2	+/- .20
10x8	9.8-10.2x7.8-8.2	+/- .20
12x8	11.7-12.3x7.7-8.3	+/- .30
13x9	12.7-13.3x8.7-9.3	+/- .30
14x9	13.7-14.3x8.7-9.3	+/- .30
14x10	13.7-14.3x9.7-10.3	+/- .30
15x10	14.7-15.3x9.7-10.3	+/- .30
16x12	15.7-16.3x11.7-12.30	+/- .30

PEARLS

Size	mm Range	Tolerance
2.0	1.86-2.35	+35 -.15
2.5	2.36-2.85	+35 -.15
3.0	2.86-3.35	+35 -.15
3.5	3.36-3.85	+35 -.15
4.0	3.86-4.35	+35 -.15
4.5	4.36-4.85	+35 -.15
5.0	4.86-5.35	+35 -.15
5.5	5.36-5.85	+35 -.15
6.0	5.86-6.35	+35 -.15
6.5	6.36-6.85	+35 -.15
7.0	6.86-7.35	+35 -.15
7.5	7.36-7.85	+35 -.15
8.0	7.86-8.35	+35 -.15
8.5	8.36-8.85	+35 -.15
9.0	8.86-9.35	+35 -.15
9.5	9.4-9.85	+35 -.10
10.0	9.9-10.35	+35 -.10
10.5	10.4-10.85	+35 -.10
11.0	10.9-11.35	+35 -.10
11.5	11.4-11.85	+35 -.10
12.0	11.9-12.85	+35 -.10
13.0	12.9-13.85	+35 -.10
14.0	13.9-14.85	+35 -.10
15.0	14.9-15.85	+35 -.10

* All sizes based on available sizes within series

Stuller's Diamond & Gemstone Division uses digital readout gauges which measure to three decimal places. Every order processor and quality assurance associate has his or her own digital gauge and each member of management also has an electronic digital caliper.

The gauges used in Stuller's Diamond & Gemstone Division have a tolerance of +/- .03mm. This gauge tolerance means that each time the gauge measures something it may give a different reading, up to the amount of the tolerance. Our gauges are calibrated every week to ensure consistent measurements.

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Imitation May	119	Spessartite	Ruby
Imitation November	121	Tsavorite	Chatham® Created
Imitation October	121	Hematite	Synthetic Star
Imitation September	120	Iolite	Sapphire
Black Box Gemstones® Program	24	Jade	Blue
Bloodstone	33	Jadeite	Blue, Chatham® Created
Cameo	33	Nephrite	Blue, SWAROVSKI GEMS™
Carnelian	34	Labradorite	Genuine Black Star
Cat's Eye Imitation, Grey	117	Lapis	Genuine Blue Star
Chalcedony, Blue	34	Malachite	Padparadscha, Chatham® Created
Chatham® Created Gemstones	110-114	Marcasite	Pink
Chrysoprase	35	Masonic	Pink, Chatham® Created
Citrine	36	Moissanite	Pink, SWAROVSKI GEMS™
Madeira	37	Charles & Colvard™ Created	Synthetic Blue Star
SWAROVSKI GEMS™	36	Forever Brilliant®	White
Coral	32, 37	Moonstone	Yellow
Cubic Zirconia		Morganite	Canary Yellow (Natural)
Black, SWAROVSKI GEMS™	115	Onyx	Yellow, Chatham® Created
Lavender	115	Opal	Spinel
Pink	115	Black, Gilson® Created	Aqua Blue, Chatham® Created
White - Colorless	116	Chatham® Created	Black
White - Colorless SWAROVSKI GEMS™	116	Gilson® Created Mosaic Triplet	Pink
Yellow	115	Mexican Fire	SWAROVSKI GEMS™
Diamonds		White	28, 36, 44, 54, 70, 74, 91-93, 115-116
Asscher	13	Ordering and Pricing Information	Tanzanite
Crisscut	19	Pearls	Imitation
Cushion	13	Akoya Cultured	Tiger Eye
Emerald-Cut	13	Freshwater Cultured	Topaz
Half-Moon	13	Imitation	London Blue
Marquise	13	Mabe' Cultured	Mystic
Oval	13	South Sea Cultured - Loose	Passion, SWAROVSKI GEMS™
Parcels	12	South Sea Cultured - Strands	Sky Blue
Pear	13	Tahitian Cultured - Loose	Swiss Blue
Precision	17	Tahitian Cultured - Strands	White, SWAROVSKI GEMS™
Radiant	13	Peridot	Tourmaline
Round	12	Arizona	Chrome
Round - Brown, Cognac, Top Light Brown	12	SWAROVSKI GEMS™	Green
Round - Color Enhanced		Quartz	Pink
(Apple Green, Aqua Blue, Black,		Green	Turquoise
Burnt Orange, Dark Green,		Honey	Zircon, Blue
Garnet Red, Pink, Purple,		Lemon	
Teal Blue, Yellow)	18	Rose	



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