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UNITED STATES NAVAL ACADEMY



Class of 2017 Ring Brochure

USNA CLASS OF 2017

CLASS OF 2017 UNITED STATES NAVAL ACADEMY RING

Jostens, in cooperation with the United States Naval Academy, is proud to be the manufacturer of the official ring of the Class of 2017.

The Class of 2017 ring is the result of a year long process that began with midshipmen in the class producing artwork symbolizing the United States Naval Academy and the class of 2017. The artwork culminated in the polished final product, produced to the stringent specifications of the Academy. Each person who wears an Academy ring can share the bond of the Academy experience with graduates from all classes. However, the midshipmen of the class of 2017 can take further pride in the knowledge that no one can wear this particular ring except those privileged to be a part of this class.

This ring is part of a limited collection, and is quite an exclusive possession.

Wear it with pride!

Heritage and Tradition

The idea of designing a ring to represent service academies, colleges and high schools appears to have originated at West Point in 1835, with the class of 1836. The class designed a drum, a cannon and a saber on a heavy gold ring to distinguish members of their class. The class of 1837 followed suit, with a new design, and the tradition has been carried out at West Point ever since. The tradition extended to the Naval Academy in the 1870s, and the class of 1959 established it for the Air Force Academy.

Throughout the years, USNA and USMA rings became increasingly ornate, eventually taking on the current design. The service academy rings feature a class crest on one side and the Academy crest on the other, with a bezel surrounding a stone or similar inset on top. Tradition dictates that the midshipman wears the class crest facing him or her until graduation, when the ring is turned around so that the Academy crest faces the wearer. This tradition links the wearer more closely to his or her class

until graduation and to all other Naval Academy

alumni after graduation.



USNA Ring Order Dates and Class Crest



Class of 2017 Crest

United States Naval Academy Class of 2017

Genuine Stone Show

Thursday, 17 September, 2015 1000 to 1700 Hours Friday, 18 September, 2015 1000 to 1700 Hours

Ring Order Times & Dates

Tuesday, 6 October, 2015 through Thursday, 8 October, 2015

Location: Dahlgren - 2ND Deck

Design Your 2017 USNA Ring — Ring Options

USNA RING STYLES

USNA DETAILED RING OPTIONS

Metal Quality

- 18K Yellow or White Gold
- 14K Yellow or White Gold
- 10K Yellow or White Gold
- Lustrium

Your ring is a valuable recognition of your accomplishments. That is why the Academy designates 14K gold in the official Academy specifications. 14K is also the jeweler's standard in this country. For those midshipmen who desire a higher gold content in their ring, 18K gold is available. For those wishing a more economical gold ring, 10K gold is available. Lustrium, a non-precious alloy made of nickel, chromium and beryllium is also available.

2017 USNA Pricing Information **Styles and Quality**

The official ring is priced to include a buff top, genuine black onyx, blue onyx, green onyx, sardonyx or any smooth or faceted synthetic birthstone, one line of script engraving inside, and traditional medium or dark antique finish. All other stones and options are in addition to the basic ring prices listed here:

| | 18k | K Gold | 14K Gold | | |
|-----------|------|--------|----------|--------|--|
| Style | Open | Closed | Open | Closed | |
| Large | \$ | \$ | \$ | \$ | |
| Medium | \$ | \$ | \$ | \$ | |
| Miniature | \$ | \$ | \$ | \$ | |

| | 10K Gold | | Lustrium | |
|-----------|----------|--------|----------|--|
| Style | Open | Closed | Closed | |
| Large | \$ | \$ | \$ | |
| Medium | \$ | \$ | \$ | |
| Miniature | \$ | \$ | \$ | |

\$ will be added to the above prices when ordering white, green, or rose gold.



Miniature: Alternate Style for Females

Ring Finish

Jostens offers each midshipman a choice of satin (natural) finish, medium (yellow gold only), or traditional dark antique finish, which enhances the detail and design of your ring. There is an additional \$ charge for the satin (natural) finish. Samples of available finishes will be on display when you place your order.



White Gold Black

White Gold Satin

USNA Ring — Cluster Setting Options



RING SETTINGS & STONE OPTIONS

Ring Settings & Stone Options

The standard official ring includes your choice of a smooth or faceted synthetic birthstone, or black onyx stone, traditional antique finish, and one line of engraving.

Maximum sizes of stones that can be set in the gold tops are as follows:

| | Laurel | Eclipse | Rosette | Star | Goldstone |
|----------------|-----------|------------|------------|-----------|-----------|
| Large Ring | 3/4 carat | 1/2 carat | 1/3 carat | 3/4 carat | 1 carat |
| Medium Ring | 1/4 carat | 1/4 carat | 1/4 carat | 1/4 carat | 3/4 carat |
| Miniature Ring | 1/5 carat | 1/10 carat | 1/10 carat | 1/5 carat | 1/3 carat |

Gold Tops

These beautiful and elegant gold tops are available in a variety of designs. The tops can be set with a solitaire diamond or genuine stone to enhance the beauty of your ring. Actual samples will be on display when you order your ring.







Star





Rosette

Laurel

Goldstone

Eclipse

Tube Sets

A diamond or cubic zirconia can be added to your smooth top birthstone by preparing the stone to receive a square tube set.

Maximum sizes of stones that can be tube set into birthstones are:

| | Square | |
|----------------|------------|--|
| Large Ring | 1/2 carat | |
| Medium Ring | 1/7 carat | |
| Miniature Ring | 1/20 carat | |





Tube Set & Gold Top Stone Pricing

| | Stones | | | | | Sto | ones | | |
|----------|--------------------|--------------------|-----------------|--------------------|----------|--------------------------|-------------------|-----------------|----------------------------------|
| Ct. Size | Diamond (JG-01) | Diamond (JG-03) | Genuine Ruby | Genuine Emerald | Ct. Size | Genuine Blue Sapphire | Cubic Zirconia | Birth Stones | Cornflower Blue Star Sapphire |
| 1 | \$ | \$ | \$ | \$ | 1 | \$ | \$ | \$ | _ |
| 3/4 | \$ | \$ | \$ | \$ | 3/4 | \$ | \$ | \$ | _ |
| 1/2 | \$ | \$ | \$ | \$ | 1/2 | \$ | \$ | \$ | _ |
| 1/3 | \$ | \$ | \$ | \$ | 1/3 | \$ | \$ | \$ | _ |
| 1/4 | \$ | \$ | \$ | \$ | 1/4 | \$ | \$ | \$ | \$ |
| 1/5 | \$ | \$ | \$ | \$ | 1/5 | \$ | \$ | \$ | _ |
| 1/7 | \$ | \$ | \$ | \$ | 1/7 | \$ | \$ | \$ | _ |
| 1/10 | \$ | \$ | \$ | \$ | 1/10 | \$ | \$ | \$ | _ |
| 1/20 | \$ | \$ | \$ | \$ | 1/20 | \$ | \$ | \$ | - |

USNA Ring — Popular Designs & Pave Tops

Popular Designs

The rings described below have been the most popular designs with midshipmen for many years.

The Trident

14k Yellow Gold Closed Back Satin Finish

Diamond Stone Dividers

Cluster Top: Cornflower Blue

Star Sapphire and Diamonds

Sculptured Palmside

| Large | \$ |
|--------|----|
| Medium | \$ |
| Small | \$ |

The Eagle

14k Yellow Gold Closed Back

Medium Finish

Diamond Stone Dividers

Genuine Medium Blue Topaz Stone

Sculptured Palmside

| Large | \$ |
|--------|----|
| Medium | \$ |
| Small | \$ |

The Anchor

10k Yellow Gold Closed Back Medium Finish

Cubic Zirconia Stone Dividers

Faceted Blue Spinel Stone

Sculptured Palmside

| Large | \$ |
|--------|----|
| Medium | \$ |
| Small | \$ |



PAVE TOPS

The New Jostens Pave "Waterfall" top, where Gold Tops meet Cluster Tops. A gold top set with up to 80 diamonds or cubic zirconia's that surround a center stone on top. Choose from our large selection of Gemstones or synthetic stones to top off your Pave setting.

Pave Top for Large Rings

1/5 Ct center stone surrounded by 80 - ½ pt. stones

| Center Stone | Surrounded by: | Price |
|-----------------|-----------------|-------|
| Diamond | Diamonds | \$ |
| Cubic Zirconia | Cubic Zirconia | \$ |
| Synthetic Stone | Cubic Zirconias | \$ |

Note: Genuine stones are also available in the center of the Pave Top. Please ask one of the Jostens representatives for pricing.

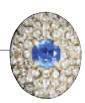




Pave Top for Medium Rings

1/7 ct center stone surrounded by 52 - ½ pt. stones

| Center Stone | Surrounded by: | Price | |
|-----------------|-----------------|-------|--|
| Diamond | Diamonds | \$ | |
| Cubic Zirconia | Cubic Zirconia | \$ | |
| Synthetic Stone | Cubic Zirconias | \$ | |





Pave Top for Small Rings

1/10 ct center stone surrounded by 32 - ½ pt. stones

| Center Stone | Surrounded by: | Price | |
|-----------------|-----------------|-------|--|
| Diamond | Diamonds | \$ | |
| Cubic Zirconia | Cubic Zirconia | \$ | |
| Synthetic Stone | Cubic Zirconias | \$ | |



USNA Ring — Cluster Setting Options

CLUSTER SETTINGS

Cluster Settings with Center Stones

The cluster tops are settings of a center birthstone or other precious stone; surrounded by smaller diamonds, rubies, sapphires or emeralds. Maximum size for the center stone and the points (weight) of surrounding stones varies by ring style and type of stones. Samples of these options will also be on display when you place your ring order.

Jostens can upgrade your official ring with a variety of cluster settings. The following prices are applicable during the class ring ordering period. All diamonds listed are VS2/IK (JG-03) quality and all Star Sapphires are synthetic. Prices listed are for stone clusters only and must be added to base ring price.



Large and Intermediate Ring Cluster Settings

Cluster 8-4 pt Stones (center stone 8 x 6 oval)

| | • | , | 26 10 20 |
|----------------|-----------------|-------|------------|
| Center Stone | 8-4 pt Stones | Price | |
| Birthstone | Diamonds | \$ | |
| Birthstone | Cubic Zirconias | \$ | 第一节 |
| Star Sapphire | Diamonds | \$ | Course of |
| Star Sapphire | Cubic Zirconias | \$ | |
| Cubic Zirconia | Birthstones | \$ | |
| Cubic Zirconia | Cubic Zirconias | \$ | |



| | * | |
|----------------|-----------------|-------|
| Center Stone | 10-4 pt Stones | Price |
| Birthstone | Diamonds | \$ |
| Birthstone | Cubic Zirconias | \$ |
| Star Sapphire | Diamonds | \$ |
| Star Sapphire | Cubic Zirconias | \$ |
| Cubic Zirconia | Birthstones | \$ |
| Cubic Zirconia | Cubic Zirconias | \$ |
| | | |



Cluster 12-3 pt stones (center stone 7 x 5 oval)

| Center Stone | 12-3 pt Stones | Price |
|----------------|-----------------|-------|
| Birthstone | Diamonds | \$ |
| Birthstone | Cubic Zirconias | \$ |
| Star Sapphire | Diamonds | \$ |
| Star Sapphire | Cubic Zirconias | \$ |
| Cubic Zirconia | Birthstones | \$ |
| Cubic Zirconia | Cubic Zirconias | \$ |



Medium Ring Cluster Settings

Cluster 8-2 pt stones (center stone 7 x 5 oval)

CLUSTER SETTINGS

FOR LARGE RINGS

| Center Stone | 8-2 pt Stones | Price |
|----------------|-----------------|-------|
| Birthstone | Diamonds | \$ |
| Birthstone | Cubic Zirconias | \$ |
| Star Sapphire | Diamonds | \$ |
| Star Sapphire | Cubic Zirconias | \$ |
| Cubic Zirconia | Birthstones | \$ |
| Cubic Zirconia | Cubic Zirconias | \$ |
| | | |



Cluster 10-1.5 pt stones (center stone 7 x 5 oval)

| Center Stone | 10-1.5 pt Stones | Price |
|----------------|------------------|-------|
| Birthstone | Diamonds | \$ |
| Birthstone | Cubic Zirconias | \$ |
| Star Sapphire | Diamonds | \$ |
| Star Sapphire | Cubic Zirconias | \$ |
| Cubic Zirconia | Birthstones | \$ |
| Cubic Zirconia | Cubic Zirconias | \$ |



Cluster 12-2pt stones (center stone 5 x 3 oval)

| Center Stone | 12-2 pt Stones | Price |
|----------------|-----------------|-------|
| Birthstone | Diamonds | \$ |
| Birthstone | Cubic Zirconias | \$ |
| Star Sapphire | Diamonds | \$ |
| Star Sapphire | Cubic Zirconias | \$ |
| Cubic Zirconia | Birthstones | \$ |
| Cubic Zirconia | Cubic Zirconias | \$ |



Small and Miniature Ring Cluster Settings

Cluster 8-1pt stones (Center stone 5 x 3 oval)

| Center Stone | 8-1 pt Stones | Price |
|----------------|-----------------|-------|
| Birthstone | Diamonds | \$ |
| Birthstone | Cubic Zirconias | \$ |
| Star Sapphire | Diamonds | \$ |
| Star Sapphire | Cubic Zirconias | \$ |
| Cubic Zirconia | Birthstones | \$ |
| Cubic Zirconia | Cubic Zirconias | \$ |



USNA Ring — Additional Ring Options

Genuine Stone Bezel Dividers

To enhance the beauty of your stone, cluster top or gold top, we offer the option of setting diamonds or genuine stones in your ring bezel. Only full-cut genuine stones are used. Please refer to the price list for the cost of this option.

Free stone bezel dividers with the purchase of any genuine stone of more than \$.

| Ring Style | Stone Pts | Diamonds | Sapphires | Rubies |
|------------|-----------|----------|-----------------|----------|
| Large | 2-3 pts | \$ | \$ | \$ |
| Medium | 2-2 pts | \$ | \$ | \$ |
| Small | 2-1 pts | \$ | \$ | \$ |
| D: 0.1 | | Б 11 | C 1: 7: : | |
| Ring Style | Stone Pts | Emeralds | Cubic Zirconias | 3 |
| Large | 2-3 pts | \$ | \$ | S |
| | | | 4 | <u> </u> |
| Large | 2-3 pts | \$ | \$ | S |





Stone Divider

Star Divider

Sculptured Palmside

The extra craftsmanship of a hand-textured pattern on the palm side of your ring will enhance its custom beauty. This hand tooled design will also camouflage nicks and scratches that result from normal wear and help retain the beauty of your ring. The additional cost for a textured palmside is \$.





Sculptured

Standard

Ring Sizing

To properly size your finger, a ring sizer should fit snugly over the knuckle of the finger on which you will wear your ring. The ring is normally worn on the ring finger of either hand. Also, be aware that your left and right hand can vary in ring size. Full and half sizes are available.

A Jostens representative will be available to assist you at the time you place your order.

Engraving

The amount of engraving in your ring is limited by the space available. Your ring may have up to 3 lines of engraving. Each line can have up to 34 characters including spaces. The more characters that you have in your engraving the smaller the engraving will be inside your ring.

- First line of engraving is free.
- A second and third line of engraving is typically used to include a motto or phrase to further personalize your ring. There is an additional charge of \$ for each additional line. Engraving is available in script or block letters.





Script

Block

Diamond Quality

JG 01 Grade Color White H-I

Clarity VS 2 GIA Classification

No black inclusions

No chips or feathers open to surface

No polish lines

Clear - no watery, grainy material

Proportion Very good or better

No fisheyes or dark centers

JG 03 Grade Color White I-K

Clarity I1 GIA Classification

No black inclusions

No chips or feathers open to surface

Only very minor polish lines

Clear - no watery, grainy material

Proportion Good or better

No fisheyes or dark centers

Diamond Color

The most desirable diamonds are colorless. A totally colorless diamond allows light to pass through it and be dispersed as rainbows of color.

| D E F | G H | ۱J | K | L | М | N | 0 | Р | Q | R | S | Т | U | V | W | Х | Υ | Z |
|-----------|-------|------------|---|---|------------|----|-----|-------|---|---|---|---|------|-----|---|---|---|---|
| COLORLESS | NE | NEAR FAINT | | Т | VERY LIGHT | | | LIGHT | | | | | | | | | | |
| | COLOF | LORLESS | | | | YE | LLO | W | | | |) | YELI | LOW | ' | | | |

Synthetic Birthstones

These are man-made stones with the same molecular structure and properties as a genuine stone. They have a hardness factor on the Mohs scale of 7 or 8. Using this same scale, a window glass is a 3 and a diamond is a 10. The options include India cut and sunburst stones. A full color chart of stones and stone options is included in this brochure. Actual stones and options will be on display when you order your ring.

STONES AND CUTS

You have your choice of the following synthetic birthstones. Smooth, Facet or any of the Onyx stones are included in the base price of your ring. If you choose a Sunburst or India cut stone there is an additional charge.

| | Large Ring | Medium Ring | Miniature Ring | |
|-------------------------|---------------|----------------|-------------------|--|
| Synthetic Star Sapphire | \$ | \$ | \$ | |
| Sunburst Birthstone | \$ | \$ | \$ | |
| India Cut Birthstone | \$ | \$ | \$ | |
| Mother of Pearl | \$ | \$ | \$ | |





Ѕмоотн

BIRTHSTONES Smooth and faceted birthstones. Jostens simulated birthstones are "ideal cut" to maximize the dazzle and brilliance of the stone. As light enters the stone, it freely refracts from facet to facet, for a radiant display of color.























Garnet Ianuary

Amethyst Spinel February

Aquamarine March

White

Spinel April May

Shamrock Spinel

Alexandrite Iune

Ruby Iulv

Peridot August

Fire Blue SpinelSeptember

Tourmaline October

Topaz November

Blue Zircon December

INDIA CUT India-cut stones offer 40% more hand-cut facets than standard facet stones, to bring out their true color and brightness.

























Garnet January

Amethyst Spinel February

Aquamarine March

White Spinel

Shamrock

Spinel May

Alexandrite June

July

Peridot August

Fire Blue Spinel September

Tourmaline October

Topaz

November

Blue Zircon December

SUNBURST Add extra brilliance to your stone with this special feature on the back of the simulated birthstone of your choice. Smooth or Facet top available.









April

















Garnet January

Amethyst Spinel February

Aquamarine March



Shamrock Spinel May



Ruby July

Peridot August

Fire Blue Spinel September

Tourmaline October

Topaz November

Blue Zircon

December

Also available: Dark Blue Spinel



Facet



Smooth



Sunburst



Sunburst



India

Synthetic Star Sapphire

Next to the diamond this distinctive stone is the hardest and most chip resistant. The star sapphire displays a clear, sharp polaris, which is also symbolic of the Academy. Actual stones will be on display when you order your ring.

Synthetic Star Sapphire Colors



Claret

Red



Blue

USNA RING — EXCLUSIVE GEMSTONES

Amethyst

Light, Medium, & Dark purple

Hardness: 7

Appearance: Transparent light pinkish purple to a dark reddish or

bluish purple

Characteristics: Color zoning, fingerprints, and crystalsAmethyst, with its rich purple color, symbolizes

royalty and aristocracy. Since it is plentiful in nature, it represents an incredible value for those who appreciate its elegant color.

Amethyst Pricing: Light Medium Dark

Large (12x10mm) Medium (10x8) Small (8x6) Large Cluster (8x6) 8 & 10 stone Large Cluster (7x5) 12 stone Med. Cluster (7x5) 8 & 10 stone Med. Cluster (5x3) 12 stone Small Cluster (5x3) 8 stone



Aquamarine: Light, Medium & Dark

Hardness: 7½-8

Appearance: Light to medium blue to bluish-green Characteristics: Liquid-filled inclusions, fingerprints,

hollow or gas filled tubes

Aquamarine has long symbolized the sea. It remains the favorite of those who appreciate the rarity of this spectacular blue gemstone.



Aquamarine Pricing:

Light

Medium

Dark



Large (12x10mm) Medium (10x8) Small (8x6) Large Cluster (8x6) 8 & 10 stone Large Cluster (7x5) 12 stone Med. Cluster (7x5) 8 & 10 stone Med. Cluster (5x3) 12 stone Small Cluster (5x3) 8 stone

Garnet

Color Offering: Light, Medium,

Appearance: Light to dark reddish

orange to purplish red Hardness: 7 to 7½

Characteristics: Coarse needle-like inclusion, included

crystal of low relief

Garnet is available in a stunning array of colors and

price ranges to fit anyone's taste.

Garnet Pricing:

Far East Garnet Mozambique Rhodalite Medium Dark Light

Large (12x10mm) Medium (10x8) Small (8x6) Large Cluster (8x6) 8 & 10 stone Large Cluster (7x5) 12 stone Med. Cluster (7x5) 8 & 10 stone Med. Cluster (5x3 12 stone Small Cluster (5x3) 8 stone



Color Offering: Light (Sky), Medium (Swiss), and Dark

Appearance: Transparent light to

medium blue Hardness: 8

Characteristics: 2-phase and 3-phase inclusions

This popular blue gem symbolizes both the sky and sea. It is an affordable, fashionable stone, sure to please any taste.

Blue Topaz Pricing: Light

Large (12x10mm) Medium (10x8) Small (8x6)

Large Cluster (8x6) 8 & 10 stone Large Cluster (7x5) 12 stone Med. Cluster (7x5) 8 & 10 stone Med. Cluster (5x3) 12 stone

Small Cluster (5x3) 8 stone

Genuine Black Star Sapphire

Appearance: Light to dark green/greyish black with asterism,

hexagonal lines Hardness: 9

Characteristics: Fine needles-like rutile "silk", hexagonal growth lines, internal fractures, color zoning, small "fissures" and scratches around the side of the stone

A popular choice at the academy, these dark six-rayed stars are symbolic of the Polaris, or Guiding Light.

Genuine Black Star Sapphire Pricing:

Large Large Med. Med. Small Large Medium Small Cluster Cluster Cluster Cluster Cluster (12x10) (10x8) (8x6) (8x6)(7x5)(7x5)(5x3)(5x3)8 & 10 stone 8 & 10 stone 12 stone 8 stone

Genuine Blue Sapphire

Appearance: Light to dark violet to

greenish blue Hardness: 9

Characteristics: Fine needles-like rutile "silk", fingerprint inclusions, hexagonal growth lines, and color zones.

Sapphire is a regal gem and was worn by kings as a powerful defense

from harm. This favorite dark blue hue combined with the durability of sapphire makes a gemstone that will endure for generations to come.



Large (12x10mm) Medium (10x8) Small (8x6) Large Cluster (8x6) 8 & 10 stone Large Cluster (7x5) 12 stone Med. Cluster (7x5) 8 & 10 stone Med. Cluster (5x3) 12 stone

Small Cluster (5x3) 8 stone



Medium

Dark







USNA RING — EXCLUSIVE GEMSTONES

Peridot

Appearance: Light to dark yellowish to brownish green

Hardness: 61/2

Characteristics: Disk-like liquid and gas inclusions,

"lily pads", dark crystals

Peridot's golden green color represents the sun and has been prized for thousand of



Peridot Pricing:

| | | | Large | Large | Med. | Med. | Small |
|---------|--------|-------|------------|----------|------------|----------|---------|
| Large | Medium | Small | Cluster | Cluster | Cluster | Cluster | Cluster |
| (12x10) | (10x8) | (8x6) | (8x6) | (7x5) | (7x5) | (5x3) | (5x3) |
| | | | 8&10 stone | 12 stone | 8&10 stone | 12 stone | 8 stone |

Emerald

Appearance: Light to very dark

green to bluish green Hardness: 7½ to 8

Characteristics: Almost always found with inclusions, such as

found with inclusions, such as calcite, pyrite and or mica

Emeralds have been the most treasured green gemstone for centuries. Rare and expensive, emeralds are available only in smaller sizes in academy class rings.

Emerald Pricing:

| Large (12x10) | Medium (10x8) | Small (8x6) | Large Cluster (8x6) 8&10 stone | Large Cluster (7x5) 12 stone | Cluster (5x3) | |
|------------------|------------------|----------------|---|---------------------------------------|------------------|--|
| N/A | N/A | | | | | |

Genuine Ruby

Appearance: Light to dark orange to purplish red

Hardness: 9

Characteristics: Fine needle-like rutile "silk", fingerprint inclusions, and color zones.

Ruby has always been the pinnacle of the gemstone family. Rare, sought after, and vibrant, it is desired like no other gemstone.

Ruby Pricing:

| Large (12x10) | Medium (10x8) | Small (8x6) | Large Cluster (8x6) 8&10 stone | Large Cluster (7x5) 12 stone | Med. Cluster (7x5) 8&10 stone | (5x3) | Small Cluster (5x3) 8 stone |
|------------------|------------------|----------------|---|---------------------------------------|--|-------|--------------------------------------|
| N/A | N/A | | | | | | |



Color Offering: Green

Appearance: Light to dark yellowish green to bluish

green

Hardness: 7 to 7½

Characteristics: Frequently contains

thread-like inclusions

Available and affordable, tourmaline is ideally suited

to virtually anyone's taste.

Green Tourmaline Pricing:

| | | | Large | Large | Med. | Med. | Small | |
|---------|--------|-------|------------|----------|------------|----------|---------|--|
| Large | Medium | Small | Cluster | Cluster | Cluster | Cluster | Cluster | |
| (12x10) | (10x8) | (8x6) | (8x6) | (7x5) | (7x5) | (5x3) | (5x3) | |
| | | | 8&10 stone | 12 stone | 8&10 stone | 12 stone | 8 stone | |

Citrine Topaz

Color Offering: Light, and

Dark

Appearance: Light yellow to

golden brown Hardness: 7

Characteristics: Color zoning, fingerprints and crystals

The yellow hues of citrine are striking and symbolic of the sun, health and vitality. Since it is plentiful in nature, it is an incredible value for the person who appreciates its color.

Citrine Topaz Pricing: Light Dar

Large (12x10mm) Medium (10x8) Small (8x6)

Large Cluster (8x6) 8 & 10 stone Large Cluster (7x5) 12 stone Med. Cluster (7x5) 8 & 10 stone Med. Cluster (5x3) 12 stone

Small Cluster (5x3) 8 stone



Opal

Color Offering: White

Appearance: Transparent to opaque stones with "play of color"

Hardness: 5 to 61/2

Mysterious opals contain the wonders of the skies—sparkling rainbows, fireworks and lightning—shifting and moving in their depths.

Opal Pricing:

| • | _ | | Large | Large | Med. | Med. | Small |
|---------|--------|-------|------------|----------|------------|----------|---------|
| Large | Medium | Small | Cluster | Cluster | Cluster | Cluster | Cluster |
| (12x10) | (10x8) | (8x6) | (8x6) | (7x5) | (7x5) | (5x3) | (5x3) |
| | | | 8&10 stone | 12 stone | 8&10 stone | 12 stone | 8 stone |

USNA RING — EXCLUSIVE GEMSTONES

Meteorite

Color Offering: Iron w/ Widmanstatten Patterns

Appearance: Varies from stone to stone **Hardness:** 9



The Widmanstatten Patterns show us that this stone is "Extra Terrestrial" – from outer space. These stones come from the Gibeon meteorite that is estimated to be 4 billion years old. This meteorite fell to earth over 10,00 Africa. It is made up of 91.8% from and 7.7% Nickel and

4 billion years old. This meteorite fell to earth over 10,000 years ago in Africa. It is made up of 91.8% Iron and 7.7% Nickel and also contains small amounts of Cobalt, Phosphorus, Iridium, Gallium, and Germanium. Polished with a dilute nitric acid to bring out the Widmanstatten Patterns that are unique in each meteorite.

Meteorite Pricing:

| Large (12x10) | Medium (10x8) | Small (8x6) | Large Cluster (8x6) | Cluster (7x5) | Med. Cluster (7x5) | Med. Cluster (5x3) | Small Cluster (5x3) |
|------------------|------------------|----------------|---------------------------|------------------|--------------------------|--------------------------|---------------------------|
| | | | 8&10 stone | 12 stone | 8&10 stone | 12 stone | 8 stone |
| | | | | | | | |

Iolite

Appearance: Color varies from sapphire blue to blue violet to yellowish gray to light blue as the light angle changes

Hardness: 7 - 7.5

Characteristics: Cordierite (mineralogy) - gem variety lolite is a magnesium iron aluminium cyclosilicate.

The name lolite comes from the Greek word for violet. It has also been called "water-sapphire" and "vikings' compass", because of it's reputed ability to determine the direction of the sun on overcast days

Iolite Pricing:

| Large (12x10) | Medium (10x8) | Small (8x6) | Large Cluster (8x6) | | Med. Cluster (7x5) | Med. Cluster (5x3) | Small Cluster (5x3) | |
|------------------|------------------|----------------|---------------------------|----------|--------------------------|--------------------------|---------------------------|--|
| | | | 8&10 stone | 12 stone | 8&10 stone | 12 stone | 8 stone | |

DIAMONDS



COLOR

THE MOST DESIRABLE DIAMONDS ARE COLORLESS. A TOTALLY COLORLESS DIAMOND ALLOWS LIGHT TO PASS THROUGH IT AND BE DISPERSED AS RAINBOWS OF COLOR.

| D | Ε | F | G | Н | I | J | K | L | M | N | 0 | Р | Q | R | S | T | U | ٧ | W | Χ | Y | Z |
|-----------|---|-----|----|-----|-----|----|------------------|---|------------|---|----|-----|---|-------|---|---|---|------|-----|---|---|---|
| COLORLESS | | ESS | | | | | AIN ⁻ | Γ | VERY LIGHT | | | | | LIGHT | | | | | | | | |
| | | | CC | LOF | RLE | SS | | | | | ΥE | LL0 | W | | | | ١ | /ELI | _OW | | | |

Pink Tourmaline

Color Offering: Pink

Appearance: Light to Dark Pink Hardness: 7 - 7.5

Characteristics: Frequently contains thread like

inclusions.

Available and affordable, tourmaline is ideally

suited to virtually anyone's taste.

Pink Tourmaline Pricing:

| | | | Large | Large | Med. | Med. | Small |
|---------|--------|-------|------------|----------|------------|----------|---------|
| Large | Medium | Small | Cluster | Cluster | Cluster | Cluster | Cluster |
| (12x10) | (10x8) | (8x6) | (8x6) | (7x5) | (7x5) | (5x3) | (5x3) |
| | | | 8&10 stone | 12 stone | 8&10 stone | 12 stone | 8 stone |

Green Quartz

Color Offering: Light Green

Appearance: Light "Smokey" Green

Hardness: 7

Characteristics: Green quartz (Prasiolite) is a rare Brazilian stone that has similar characteristics to Amethyst and Citrine. It is often incorrectly referred to as green amethyst.

Green Quartz Pricing:

| | | | Large | Large | Med. | Med. | Small | |
|---------|--------|-------|------------|----------|------------|----------|---------|--|
| Large | Medium | Small | Cluster | Cluster | Cluster | Cluster | Cluster | |
| (12x10) | (10x8) | (8x6) | (8x6) | (7x5) | (7x5) | (5x3) | (5x3) | |
| | | | 8&10 stone | 12 stone | 8&10 stone | 12 stone | 8 stone | |

Tanzanite

Color Offering: Blue violet Appearance: Light violet

Hardness: 6½ to 7

Characteristics: Multifaceted prisms
Named for the East African state of
Tanzania, the color varies from ultramarine
to sapphire blue and appears violet.

Tanzanite Pricing:

| Large (12x10) | Medium (10x8) | Small (8x6) | Cluster | Cluster | Med. Cluster (7x5) | Cluster | | |
|------------------|------------------|----------------|------------|----------|--------------------------|----------|---------|--|
| (12X10) | (TUXO) | (OXO) | (OXO) | (7X3) | (7X3) | (3x3) | (383) | |
| | | | 8&10 stone | 12 stone | 8&10 stone | 12 stone | 8 stone | |

DIAMOND QUALITY

JG 01 GRADE COLOR WHITE H-I

CLARITY VS 2 GIA CLASSIFICATION

NO BLACK INCLUSIONS

NO CHIPS OR FEATHERS OPEN TO SURFACE

No polish lines

CLEAR - NO WATERY, GRAINY MATERIAL

PROPORTION VERY GOOD OR BETTER

NO FISHEYES OR DARK CENTERS

JG 03 GRADE COLOR WHITE IK

CLARITY SI GIA CLASSIFICATION

NO BLACK INCLUSIONS

No chips or feathers open to surface

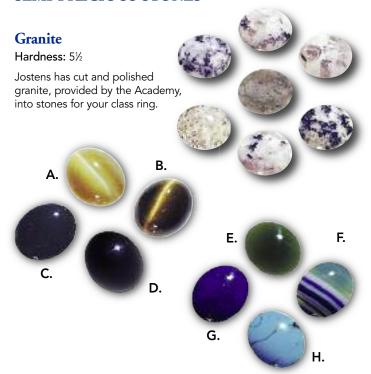
ONLY VERY MINOR POLISH LINES CLEAR - NO WATERY, GRAINY MATERIAL

PROPORTION GOOD OR BETTER

NO FISHEYES OR DARK CENTERS

USNA RING — SEMI-PRECIOUS STONES

SEMI-PRECIOUS STONES



A. Cats Eye Appearance: A stone with fibrous structure Hardness: 7 — Characteristics: Irregular fibrous structure

B. Brown Tiger Eye Appearance: A stone with fibrous structure Hardness: 7 — Characteristics: Irregular fibrous structure

C. Bloodstone Appearance: Dark green with red to brown spots Hardness: 6½ to 7 — Characteristics: Semi-transparent to opaque

D. Hematite Appearance: Silver black with metallic luster Hardness: 6½ — Characteristics: Semi-transparent to opaque

E. Jade Appearance: Translucent to opaque Hardness: 6 to 6½ — Characteristics: Dark inclusions and streaks

F. Blue/Green Earth Stone Appearance: White/green/blue Hardness: 6½ to 7 — Characteristics: Agate material which is dyed

G. Lapis Lazuli Appearance: A blue to violet blue stones containing calcite and pyrite crystals

Hardness: 5 to 6 — Characteristics: Pyrite (fools gold) spotted sporadically and Calcite (white) streaked

H. Turquoise Appearance: Light to medium blue to greenish blue Hardness: 5 to 6 — Characteristics: Often is mottled, splotched, with veins of matrix

SEMI-PRECIOUS STONE PRICING

| Pricing: | Granite | Cat's Eye | Tiger Eye | Bloodstone | Hematite | Jade | Earth Stone | Lapis Lazuli | Turquoise |
|----------------------------------|---------|-----------|-----------|------------|----------|------|-------------|--------------|-----------|
| Large (12x10mm) | | | | | | | | | |
| Medium (10x8) | | | | | | | | | |
| Small (8x6) | | | | | | | | | |
| Large Cluster (8x6) 8 & 10 stone | | | | | | | | | |
| Large Cluster (7x5) 12 stone | | | | | | | | | |
| Med. Cluster (7x5) 8 & 10 stone | | | | | | | | | |
| Med. Cluster (5x3) 12 stone | N/A | | | N/A | | | N/A | | N/A |
| Small Cluster (5x3) 8 stone | N/A | | | N/A | | | N/A | | N/A |

Walnut Ring Box

A genuine walnut ring case is available to store your ring when it is not being worn. The cover of the box has the your 2017 class crest engraved on it. The crest is laser etched to ensure an exact reproduction. Samples of the walnut ring box will be available at the time you order your ring. The cost is \$.

ACADEMY RING POLICY

Each midshipman may purchase one gold ring and one combat ring of the same size for their personal use. Naval Academy rings may only be worn by second class midshipmen after ring dance, first class midshipmen, and graduates of the Naval Academy. They may not be given, sold, or worn by anyone other than that midshipman/graduate. This policy protects the sacred heritage and traditions of the Naval Academy ring and the sacrifice of those graduates who wear them.

Midshipmen who wish to purchase gifts for their parents and others will find a selection of miniature and crest jewelry in this catalog perfect for all occasions.



USNA RING — CREST ACCESSORIES

Crest Pin Jewelry

Crest pins and accessory jewelry are exact replicas of your class crest. These custom pieces are available in 10K and 14K gold. Your class crest is available in the form of a crest pin, tie tack, charm, tie bar, and cuff links. Crest jewelry is a great gift anytime but it's especially appropriate for birthday, holiday and thank you gifts for parents, family and special friends.

| | 10K | 14K |
|------------------------|--|-------|
| Crest Pins | \$ | \$ |
| Crest Pins w/N Guard | \$ | \$ |
| Pendant/Lavaliere | \$ | \$ |
| Cuff Links | \$ | \$ |
| Charm/Tie tack | \$ | \$ |
| Tie Bar | \$ | \$ |
| Contoured Wedding Band | T . | ADC T |
| Contoured Wedding Band | contact your Joste for pricing and fu | |
| with diamonds | | |

Included in the above price is yellow gold, your choice of medium or dark antique finish, 3 Block letters on the back. For Satin (natural) Finish add \$, for White Gold add \$



Jumbo Replica Ring/Paperweight

No desk is completed without this enlarged replica of the Navy 2017 class ring. One side of the ring depicts the USNA crest while the other side proudly displays the USNA 2017 class crest. The top of the ring has the classic Navy charging goat with the United States Naval Academy spelled out around the bezel. Approximate size is 2" x 2 ½".

The cost is \$ and includes the jumbo ring and walnut stand.





Ring Dance Charm

The 2017 ring dance charm is designed to be worn on a necklace or bracelet and is a representation of your Academy ring. This charm comes with a Dark Blue Spinel faceted stone and is made out of a non-precious material. The price is \$.

Customer Stones

All customer supplied stones must be accompanied by a registered jewelers appraisal form. The form must include the following information on it:

If the stone is a Diamond the following information must be included: Carat Size, Cut, Color and Clarity.

If the stone is a full stone $(12 \times 10, 10 \times 8, 8 \times 6, 7 \times 5, \text{ or a } 5 \times 3)$, the measurements need to be on the appraisal form in millimeters and they need to be to the specifications that are listed below. No stones will be accepted that are not to these specifications.

All appraisals must include a replacement price. If the stone is an heirloom stone we will need a replacement value. If the stone was purchased then we will need a copy of the sales receipt.

All stones must be loose and free from any mounting. Stones will not be accepted if they are still in a mounting. Because of the extremely tight tolerances, personal stones under 10 points will not be accepted.

Measurements for Customer Supplied Stones

All customer stones must be to these exact measurements. There cannot be a variance as these stones have a stone setting edge. One exception is the depth of the stone which can be less but not more than the measurement listed.

FULL STONES DEPTH OF THE STONE Men's Large Ring 12 x 10 mm oval 3.5 mm Men's/Women's Medium Ring 10 x 8 mm oval 3.0 mm Women's Small Ring 8 x 6 mm oval 2.5 mm CENTER STONE IN A CLUSTER Men's Large Ring 8 & 10 stone 8 x 6 mm oval 3.0 mm 7 x 5 mm oval Men's Large Ring 12 stone 2.5 mm Men's/Women's Med. Ring 8 & 10 stone 7 x 5 mm oval 2.5 mm Men's/Women's Med. Ring 12 stone 5 x 3 mm oval 2.0 mm Women's Small Ring 5 x 3 mm oval 2.0 mm

All stones will be inspected by Jostens manufacturing plant for final approval. This approval process can take up to 90 days from the time we receive your stone.

All stones must be presented along with the jewelers appraisal when you place your ring order.

Customer stones must be received within 30 days from the date you placed your ring order.

If you lose your ring, your personal stone or stones are not covered under jostens protection insurance.

Additional Charges incurred when setting a customer stone:

- Stone Setting Charge \$125.00
- Stone set in a tube set, or a white gold top: add \$ to the setting charge for a total charge of \$

Payment Information

If you plan on making an initial deposit or you plan on paying in full when you place your order (s) you will need to bring a personal check or money order. Jostens will no longer be taking any credit or debit card information at the time of ordering.

You will be given a payment due date that will be located on the front of your order form. This date is when your final payment will be due to Jostens. By complying with this date you will insure that your items will ship with your Class.

You have 30 days from the time that you place your order (s) to make any changes. After the 30 days your order (s) will be entered into production in which time you will no longer be able to make any changes. You will need to allow (5) weeks from the time you place your order (s), after the (5) weeks you will then be able to log onto: Jostens.com/payments to set up your personal account and begin making payments. Once you have set up this information you will begin receiving e-mail notices until your account is paid in full.

Insurance

Jostens will provide each midshipman Free Ring Loss Protection that will be in effect three years following the receipt of the ring. Jostens will reproduce an exact duplicate of the lost ring free, excluding the cost of any precious stones and elegant options. Upon report of a loss in writing, Jostens will verify the information from its records and validate the information with the Academy. We encourage midshipmen to carry their own insurance to cover precious stones and diamonds.

Jostens Lifetime Warranty

Jostens has a lifetime warranty on all of its rings. That includes, but is not limited to, replacement of all stones, both genuine and synthetic, that are defective or broken, without charge. Also included in the lifetime warranty is resizing, polishing and refinishing the ring, without charge.

It is important to note that if a ring has had any repair work performed or any alterations completed by any jeweler or repair service other than Jostens, the lifetime warranty will be voided.

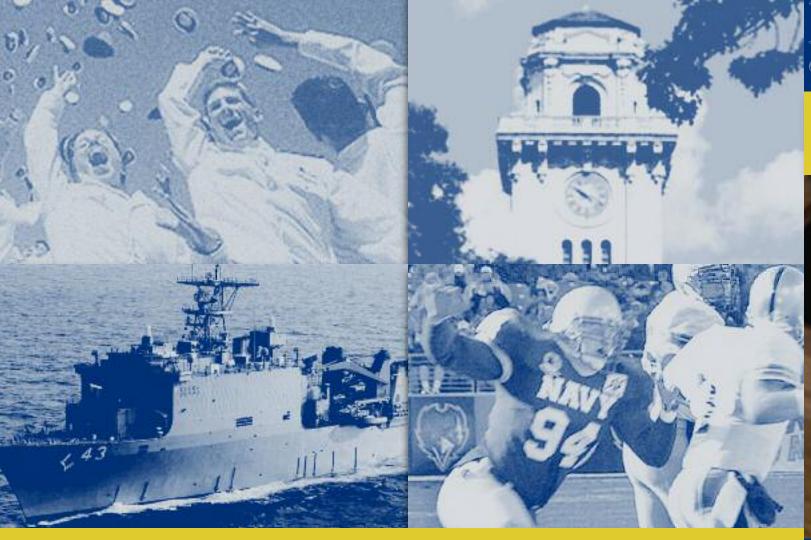
Sales & Service

USNA Customer Service Center

Toll-Free 1-877-229-4440 7:00am - 5:00pm Central Time

1900 Hartle Street - Owatonna, MN 55060

website: www.jostens.com/usna email: aps@jostens.com



UNITED STATES NAVAL ACADEMY



U.S. NAVAL ACADEMY
Customer Service Center: 1-877-229-4440 or
email: aps@jostens.com
or visit our website at: www.jostens.com/usna

