## FINISHED JEWELRY

Complete and ready-to-wear jewelry that is polished and set with all stones.

## SEMI-FINISHED JEWELRY

Partially complete jewelry which is typically set with accent gems. Due to increased flexibility and extreme difference in cost of larger gemstones (based on quality and size), the center setting is incomplete so that a jeweler can remount a customer's existing gemstone, set an in-stock gemstone, or purchase a new gem based on the customer's desire.

## SEMI-MOUNT WITH HEAD

Polished and set with side stones or melee and complete with a fixed head. The center stone itself still needs to be set.

## SEMI-MOUNT WITHOUT HEAD

Set with side stones or melee, but with no head or center stone. The center setting itself still needs to be installed and set.

## UNFINISHED JEWELRY

Jewelry available in different degrees of finish.

**RAW.** A raw casting that needs to be sanded, polished, and set with stones if needed.

**SEMI-POLISHED.** The jewelry item has been tumbled, but needs a final polish and all stones to be set if needed.

**POLISHED.** The jewelry item is complete pertaining to finishing, but all stones still must be set if needed.

**FINDINGS.** Components or parts used in the making of jewelry, for example, heads, earwires, basket settings, jump rings, posts, etc.

## GOLD (Au)

24 Karat gold is a dense, malleable precious metal that is bright yellow in color and can be polished to a high luster. In its pure form it is considered too soft and not suitable to use in jewelry. Gold is commonly mixed with other metals, or alloys, to create a wide range of color variations and working properties.

White gold is a silvery-looking gold alloy that contains gold mixed with palladium, nickel, or sometimes zinc to achieve its color. White gold has yellow undertones and is commonly rhodium-plated to create a whiter appearance. The plating will eventually wear away at which time it can be replated.
$X_1$ White Gold is a super white alloy that does not require rhodium-plating.

- 24 Karat gold fine (99.7% gold).
- 18 Karat gold is 18 parts gold or 75% pure gold content, which may be marked as 750.
- 14 Karat gold is 14 parts gold or 58% pure gold content, which may be marked as 585.
- 10 Karat gold is 10 parts gold or 41% pure gold content.

Yellow

White

Rose

Green

## PLATINUM (Pt)

Platinum is a dense, malleable metal that is white in color with cool undertones. It is almost always used in its purest form in jewelry, 95%. Platinum is substantial in weight. Comparatively, a ring in platinum will weigh almost 60% more than the same ring in 14kt gold. For these reasons a platinum ring is significantly more expensive than the same item in a gold alloy.

## PALLADIUM (Pd)

Palladium is a member of the platinum metal group and is a soft, silvery-white color with slightly gray undertones. It is also used in an almost pure form in jewelry, 95%.

## SILVER (Ag)

Silver is a soft, lustrous metal that is very malleable and silvery-white in color.

Sterling silver is a common alloy comprised of 92.5 % silver and 7.5 % copper. Continuum™ sterling silver is an alternative that is 92.5% pure, resistant to oxidation, and harder. Continuum™ sterling is suitable for gem setting and offers added longevity.

| Metal | Color | Finish | Working Properties | Hypo-Allergenic |
|---|---|---|---|---|
| Yellow Gold | Bright yellow to yellow | Shows scratches, polishes as worn | Malleable, wears over time | No |
| White Gold | White with a yellow undertone | Shows scratches, polishes as worn | Rigid, more brittle than platinum, wears over time | No |
| Platinum | White with a cool undertone | Resistant to wear, shows scratches, dulls to satin finish | Malleable but dense. Maintains surface embellishment such as engraving and milgrain | Yes |
| Palladium | Silvery-white with a gray undertone | Resistant to wear, shows scratches, slowly dulls to satin finish | Similar to platinum but with less weight | Yes |
| Sterling Silver | Silvery-white with a slight pink undertone | Shows scratches, polishes as worn, tarnishes | Malleable, less suitable for everyday jewelry because it wears away more quickly | No |

## CONTEMPORARY METALS

A variety of metal alternatives offer lower cost options for use in jewelry.
Rings created from contemporary metals cannot be sized.

| Metal | Color | Finish | Properties | Hypo-Allergenic | Emergency Removal |
|---|---|---|---|---|---|
| Titanium | Gray | Will show signs of wear, but can be polished | Lightweight, shatterproof | Yes | Motorized Ring Cutter |
| Dura Cobalt® | White | Will show signs of wear, but can be polished | Shatterproof | Yes | Motorized Ring Cutter |
| Dura Tungsten® | Gray White, Black (topcoat) | Will remain polished with no maintenance | Heavy, substantial feel, can fracture or break | Yes | Tungsten/ Ceramic Ring Cracker |
| Ceramic Couture™ | Black, White, Pink (throughout) | Maintains its finish | Can break | Yes | Tungsten/ Ceramic Ring Cracker |
| Stainless Steel | Grayish White | Can be machined or cast. Will show signs of wear but can be polished | Shatterproof | Yes | Motorized Ring Cutter |