


# TRITON<sup>®</sup> METAL ATTRIBUTE COMPARISON



METAL	VICKERS HARDNESS	SCRATCH RESISTANCE	HYPO-ALLERGENIC	COLORS AVAILABLE	OTHER USES	SIZES AVAILABLE	MELTING POINT	MATERIAL GRADE	EMERGENCY REMOVAL
 TUNGSTEN CARBIDE TC.850™	1300	High	Yes	White, Black, Classic Gray, Yellow and Rose	Luxury Watches Sports Equipment	6 thru 14	6200F	85% Tungsten Carbide	Vice Grip Method
 TUNGSTENAIR™	1300	High	Yes	White and Black	Jewelry	6 thru 14	6200F	Proprietary Blend	Vice Grip Method
 STERLING SILVER	90	Low	Yes	White	Jewelry Flatware Electronics	6 thru 14	1000C	92.5% Silver	Traditional Ring Remover
 TITANIUM	150	Low	Yes	Gray and Black	Sports Equipment Aerospace Medical	6 thru 14	3000F	CP2	Traditional Ring Remover
 STAINLESS STEEL 316L	160	Low	Yes	White	Aerospace Automotive Architecture	6 thru 14	2800F	316L	Traditional Ring Remover
 COBALT	445	Low	Yes	White	Aerospace Medical	6 thru 14	2800F	Medical	Modified Ring Remover

TRITON COATING DESCRIPTIONS	BENEFITS	PATENTS
<b>Triton Tungsten Carbide TC.850™ &amp; TungstenAIR™</b> both utilize proprietary & patented nano-technology coatings that are applied to the surface of the metal using a PVD (physical vapor deposition) method. These coatings are used on <b>Triton's Tungsten Carbide TC.850™</b> Yellow, Rose, Black & White and <b>TungstenAIR™</b> Black & White.	<ul style="list-style-type: none"> <li>High Scratch-Resistance</li> <li>High Wear-Resistance</li> <li>Increased Hardness &amp; Durability</li> <li>Hypoallergenic</li> </ul>	US 8,932,437 B2 US 8,927,107 B2 US 8,956,510 B2 US 8,061,033
<b>Triton Tungsten Carbide TC.850™ Yellow &amp; Rose</b> are sealed with a proprietary semi-translucent nano-technology coating that is comprised of rare earth metals and applied using a PVD (physical vapor deposition) method to help sustain the vibrant and lustrous colors.	Specifically designed to enhance the color & provide extra protection & durability to prolong the life & luster of <b>TC.850 Yellow &amp; Rose</b>	Proprietary

TRITON COLOR DESCRIPTIONS	BENEFITS	PATENTS
<b>Triton Tungsten Carbide TC.850™ Yellow &amp; Rose's</b> proprietary metal blend includes Yellow & Rose gold.	Helps provide the lustrous look of precious Yellow & Rose gold with the performance of <b>Tungsten Carbide TC.850™</b>	Proprietary
<b>TungstenAIR™</b> metal is available in Black & White with designs combining Pops of Color in Fire Red, Arctic White, Midnight & Electric Blue. The vibrant colors are applied in a multi-layered heat-sealed chroma-lacquer process. Each layer is heat-sealed to lock in color durability. A final UV clear coating is heat-sealed on for shine & color protection.	<ul style="list-style-type: none"> <li>Durable</li> <li>Wear-Resistant</li> <li>Comfortable Smooth Surface</li> <li>Hypoallergenic</li> </ul>	US 8,061,033