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Superior EMI/RFI Shielding Performance



The Next Generation Spring Band is Here. Introducing the Isodyne ISOTDS (M32628/01) Tri-Dent Spring Band.

US Patent # 10,224,668

Manufacturers Recommended Assembly Instructions for the “Tri-Dent” Spring Band

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- Locate the end of the spring wrap indicated by the three distinct “Tri-Dent” protrusions.
- These “Tri-Dent” protrusions are to ease in opening the spring in preparation for installation.



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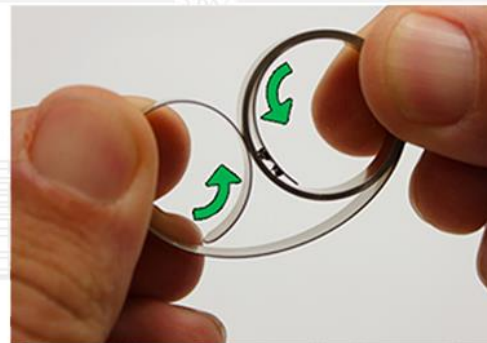
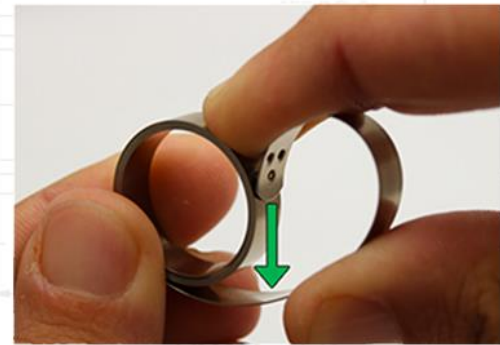
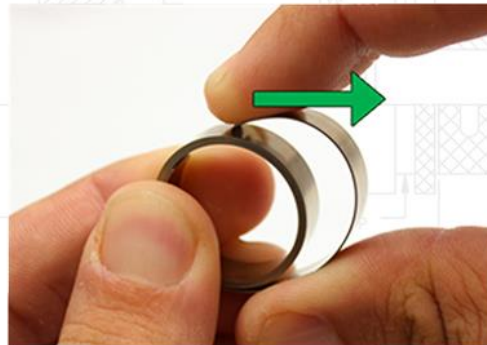
- Holding the spring band securely, use your fingertip to begin unrolling the spring so that the “Tri-Dent” protrusions are coiled to the interior of the spring.
- Stop recoiling when the spring is nearly to the end as pictured.
- Spring is now ready for installation.

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“Tri-Dent” Spring Un-Coil and Re-Coil Illustration



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- Pull braid over the banding surface of the connector accessory ensuring the braid overlaps the banding surface sufficiently and that there are no significant “windows” in the braid.

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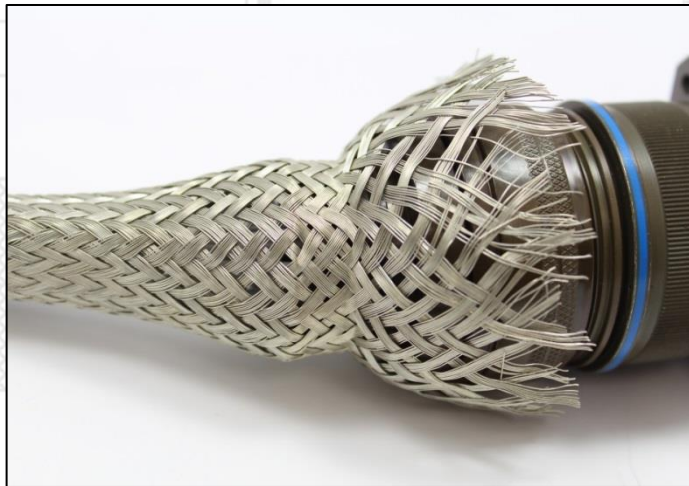
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- Using tooling pictured, compress the braid so that it conforms tightly to the profile of the banding platform. Moving radially, ensure that every portion of the banding surface has been formed uniformly.

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- Take the spring opened in previous steps
- Holding the smaller of the two sections of spring in one hand and the larger section in the other hand, gently pull the spring sections apart to create an opening through which you can place the banding surface.



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- Begin to coil the spring band around the banding surface until the spring is completely coiled around the connector accessory and braid.

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- The “Tri-Dent” protrusions will now return to the exterior of the spring band.
- Future re-work can be performed by unrolling the spring from the cable assembly using steps mentioned in the spring preparation section of this method.

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- With the installation secured with the spring band and “Tri-Dent” protrusions located on the exterior of the spring band wrap, trim the excess braid.

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