



# NO-HUB COUPLINGS

CLASSIC | STANDARD | HEAVY-DUTY | SUPER HEAVY-DUTY | 12" & 15"



For more than 50 years, Ideal Clamp Products, Inc. has been manufacturing no-hub couplings for the most recognized names in the business. IDEAL-TRIDON Couplings are listed or certified by all major plumbing code bodies throughout the U.S. and Canada. Our engineers have pioneered such innovations as our

patented bidirectional corrugated shield and the 12 and 15 inch couplings. Our superior performance is in the design of our components, which provide superior clamping efficiency. Rely on IDEAL-TRIDON No-Hub Couplings for dependable pipe and fitting connections.

PROVEN DESIGNS, BILLIONS OF TIMES | [WWW.IDEALTRIDON.COM](http://WWW.IDEALTRIDON.COM)

# IDEAL-TRIDON NO-HUB COUPLINGS

## POLYCHLOROPRENE (NEOPRENE) GASKET

With NSF Certified couplings, you can be assured the gasket component is made out of a properly vulcanized virgin compound where the primary elastomer is polychloroprene (neoprene). Polychloroprene withstands high liquid temperatures (up to 212° F), is fire and oil resistant, and resists decay and deterioration when exposed to effluents in the pipe, air or soil.

## SPECIALLY BEADED GASKETS

The specially beaded gasket combines with the shield and clamping forces for superior sealing pressure and holding power.

## RECTANGULAR BAND NOTCHES

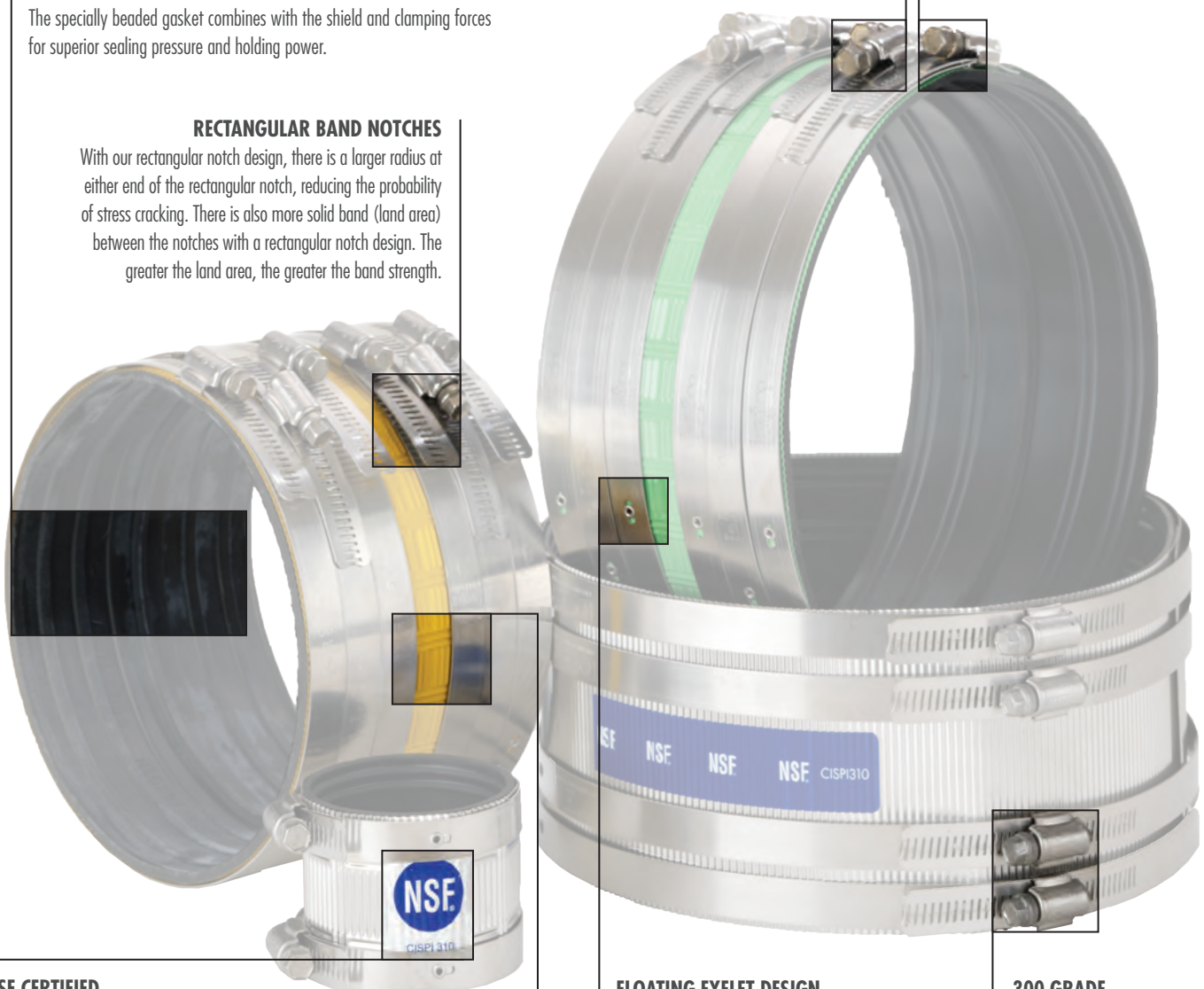
With our rectangular notch design, there is a larger radius at either end of the rectangular notch, reducing the probability of stress cracking. There is also more solid band (land area) between the notches with a rectangular notch design. The greater the land area, the greater the band strength.

## MECHANICAL INTERLOCKING CLAMP DESIGN

IDEAL-TRIDON Couplings feature a one-piece screw housing that mechanically interlocks the housing to the band. This one-piece housing design eliminates leak paths that can occur in stacked or welded clamps.

## TORQUE RATINGS

Installation and ultimate torque ratings are engineered to provide the clamps with enough tightening capacity to ensure that ample sealing pressure reaches the joint to affect a tight, secure seal.



## NSF CERTIFIED

NSF International is the world leader in standards development and product certification. With this certification, you'll have peace of mind that the IDEAL-TRIDON Classic and Standard Couplings are fully certified to CISPI 310 and ASTM C564. Before the NSF certification, it was difficult to verify couplings were compliant with the CISPI 310 standard. Now just look for the blue NSF mark and you'll always be in compliance.

## CISPI 310, ASTM C564, ASTM C1277 AND ASTM 1540

IDEAL-TRIDON No-Hub Couplings are certified by all major plumbing code bodies throughout the U.S. and Canada, and conform to the most stringent industry standards: C564, ASTM C1277 (Classic and Standard) and ASTM 1540 (Heavy-Duty and Super Heavy-Duty).

## FLOATING EYELET DESIGN

Floating eyelets fasten the clamps to the shield, allowing the clamp band and shield to move independently. This freedom prevents the shield from crimping during tightening, which can lead to leakage.

## BI-DIRECTIONAL SHIELD

Our unique bi-directional shield provides added grip for a more secure, no-leak connection.

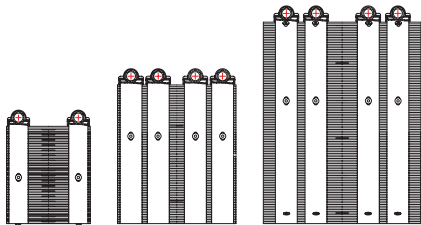
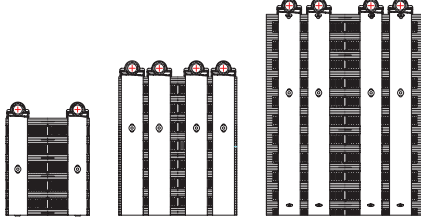
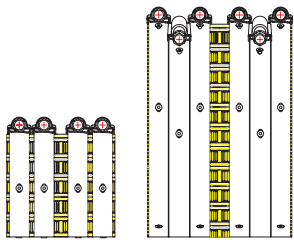
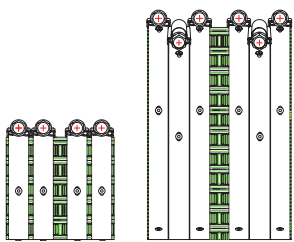
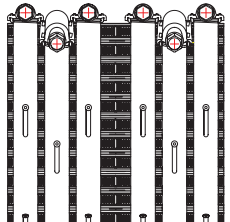
## 300 GRADE STAINLESS STEEL COMPONENTS

Premium-grade stainless steel components provide superior corrosion resistance, reliability and durability over time in both above-ground and below-ground applications.



# NO-HUB COUPLINGS SPECIFICATIONS

| Features                       | Classic No-Hub  | Standard No-Hub   | Heavy-Duty No-Hub  | Super Heavy-Duty No-Hub   | 12" & 15" No-Hub  |
|--------------------------------|---|---|--|---|---|
| 1/2" Clamp Band                | 1-1/2" thru 4"  | 1-1/2" thru 4"  |  |   |   |
| 9/16" Clamp Band               | 5" thru 10"   | 5" thru 10"   | x  | x   |   |
| 5/8" Clamp Band                |   |   |  |   | x   |
| 5/16" Hex Head Screw           | x   | x   | x  |   |   |
| 3/8" Hex Head Screw            |   |   |  | x   | x   |
| No. of Clamps Included         | 2 (1-1/2" thru 4")<br>4 (5" thru 10")   | 2 (1-1/2" thru 4")<br>4 (5" thru 10")   | 4 (1-1/2" thru 4")<br>6 (5" thru 10")  | 4 (1-1/2" thru 4")<br>6 (5" thru 10")   | 6   |
| Coupling Width                 | 1-1/2" thru 4" = 2-1/8"<br>5" & 6" = 3"<br>8" & 10" = 4"                            | 1-1/2" thru 4" = 2-1/8"<br>5" & 6" = 3"<br>8" & 10" = 4"                            | 1-1/2" thru 4" = 3"<br>5", 6", 8" & 10" = 4"   | 1-1/2" thru 4" = 3"<br>5", 6", 8" & 10" = 4"  | 5-1/2"  |
| Shield Color                   | None  | None  | Yellow   | Green   | None  |
| Bi-Directional Shield          | Unidirectional  | x   | x  | x   | x   |
| Beaded Gaskets                 | x   | x   | 8" & 10"   | 8" & 10"  | x   |
| Offset Ribbed Gaskets          |   |   | 1-1/2" thru 6"   | 1-1/2" thru 6"  |   |
| Floating Eyelets               | x   | x   | x  | x   | x   |
| Interlocked Housing Design     | x   | x   | x  |   |   |
| Shield & Eyelet Material       | 300 Series SS   | 300 Series SS   | 300 Series SS  | 300 Series SS   | 300 Series SS   |
| Band, Housing & Screw Material | 300 Series SS   | 300 Series SS   | 300 Series SS  | 300 Series SS   | 300 Series SS   |
| Gasket Material                | ASTM C564 Compliant   | ASTM C564 Compliant   | ASTM C564 Compliant  | ASTM C564 Compliant   | ASTM C564 Compliant   |
| Installation Torque            | 60 in-lbs   | 60 in-lbs   | 80 in-lbs  | 80 in-lbs   | 120 in-lbs  |
| Ultimate Torque                | 75 in-lbs   | 75 in-lbs   | 100 in-lbs   | 100 in-lbs  | 150 in-lbs  |
| CISPI 310 Compliant            | x   | x   | Exceeds  | Exceeds   | x   |
| ASTM C1277 Compliant           | x   | x   |  |   | x   |
| ASTM C1540 Compliant           |   |   | x  | x   |   |
| Factory Mutual 1680            |   |   | Compliant  | Compliant   |   |
| IAPMO                          | Certified   | Certified   | Certified  | Certified   | Certified   |
| Canadian Std. Association      | Certified   | Certified   | Certified  | Certified   |   |
| NSF                            | Certified 1-1/2" thru 10"<br>Excludes reducer couplings                             | Certified 1-1/2" thru 10"<br>Excludes reducer couplings                             |  |   |   |
|                                |  |  |  |  |  |
|                                | <b>Classic</b>  | <b>Standard</b>   | <b>Heavy-Duty</b>  | <b>Super Heavy-Duty</b>   | <b>12" &amp; 15" No-Hub</b>   |

| Size  | Part No. | Installation Torque<br>Inch-Pounds | No. of Clamps<br>Per Coupling | Engineering Drawings   | Product Description  |
|---|----------|------------------------------------|-------------------------------|--|--|
| Classic No-Hub Couplings                        |          |                                    |                               |  |  |
| 1-1/2"  | 621708G  | 60                                 | 2                             |   | <ul style="list-style-type: none"><li>• A quality line of standard-duty couplings assembled in Mexico using USA gaskets and components.</li><li>• Manufactured utilizing the same tools and equipment for our full line</li><li>• Couplings are subjected to the same quality systems and measurements</li><li>• A lower price point without sacrifices in quality, reliability, logistical convenience and peace of mind</li><li>• In full compliance to ASTM C564, CISPI 310 and ASTM C1277, and also carries IAPMO, Canadian Std. Association, and NSF Certifications</li></ul>   |
| 2"  | 621808G  | 60                                 | 2                             |  |  |
| 3"  | 621908G  | 60                                 | 2                             |  |  |
| 4"  | 622008G  | 60                                 | 2                             |  |  |
| 5"  | 622108G  | 60                                 | 4                             |  |  |
| 6"  | 622208G  | 60                                 | 4                             |  |  |
| 8"  | 622308G  | 60                                 | 4                             |  |  |
| 10"   | 623008G  | 60                                 | 4                             |  |  |
| 2" x 1-1/2"                                     | 62R218G  | 60                                 | 2                             |  |  |
| 3" x 2"   | 62R328G  | 60                                 | 2                             |  |  |
| 4" x 3"   | 62R438G  | 60                                 | 2                             |  |  |
| Standard No-Hub Couplings                       |          |                                    |                               |  |  |
| 1-1/2"  | 6217M8G  | 60                                 | 2                             |   | <ul style="list-style-type: none"><li>• Made in USA.</li><li>• A fully certified line (including NSF) of standard duty couplings manufactured of domestically produced components</li><li>• A quality low-cost alternative to applications where structural reinforcement is not a concern</li><li>• The original no-hub coupling that has been in use since 1965</li><li>• In full compliance to ASTM C564, CISPI 310 and ASTM C1277, and also carries IAPMO, Canadian Std. Association, and NSF Certifications</li></ul>   |
| 2"  | 6218M8G  | 60                                 | 2                             |  |  |
| 3"  | 6219M8G  | 60                                 | 2                             |  |  |
| 4"  | 6220M8G  | 60                                 | 2                             |  |  |
| 5"  | 6221M8G  | 60                                 | 4                             |  |  |
| 6"  | 6222M8G  | 60                                 | 4                             |  |  |
| 8"  | 6223M8G  | 60                                 | 4                             |  |  |
| 10"   | 6230M8G  | 60                                 | 4                             |  |  |
| 2" x 1-1/2"                                     | 6233M8G  | 60                                 | 2                             |  |  |
| 3" x 2"   | 62R198G  | 60                                 | 2                             |  |  |
| 4" x 3"   | 62R208G  | 60                                 | 2                             |  |  |
| Heavy-Duty No-Hub Couplings                     |          |                                    |                               |  |  |
| 1-1/2"  | 6217Y8G  | 80                                 | 4                             |    | <ul style="list-style-type: none"><li>• Made in USA.</li><li>• Same as Super Heavy-Duty HD, but with a 5/16" inch hex head screw</li><li>• Value-engineered alternative to the HD Green Shield</li><li>• No-risk, lower cost choice when performance criteria can't be altered</li><li>• In full compliance to ASTM C564, ASTM C1540, FM 1680 (Class 1 and 2), and carries IAPMO, and Canadian Std. Association certification</li></ul>  |
| 2"  | 6218Y8G  | 80                                 | 4                             |  |  |
| 3"  | 6219Y8G  | 80                                 | 4                             |  |  |
| 4"  | 6220Y8G  | 80                                 | 4                             |  |  |
| 5"  | 6221Y8G  | 80                                 | 6                             |  |  |
| 6"  | 6222Y8G  | 80                                 | 6                             |  |  |
| 8"  | 6223Y8G  | 80                                 | 6                             |  |  |
| 10"   | 6230Y8G  | 80                                 | 6                             |  |  |
|   |          |                                    |                               |  |  |
| Super Heavy-Duty No-Hub Couplings               |          |                                    |                               |  |  |
| 1-1/2"  | 6217H8G  | 80                                 | 4                             |   | <ul style="list-style-type: none"><li>• Made in USA.</li><li>• A quality line of Heavy-Duty HD Couplings where structural reinforcement and higher sealing pressures are required</li><li>• Wider foot print on the joint and increased number of higher torque capacity clamps</li><li>• Added measure of structural rigidity and enhanced sealing pressure for applications requiring added safety margin against leakage</li><li>• Fully certified to ASTM C1540, ASTM C564 and FM 1680 (Class 1 and 2), and carries IAPMO, and Canadian Std. Association certification</li></ul> |
| 2"  | 6218H8G  | 80                                 | 4                             |  |  |
| 3"  | 6219H8G  | 80                                 | 4                             |  |  |
| 4"  | 6220H8G  | 80                                 | 4                             |  |  |
| 5"  | 6221H8G  | 80                                 | 6                             |  |  |
| 6"  | 6222H8G  | 80                                 | 6                             |  |  |
| 8"  | 6223H8G  | 80                                 | 6                             |  |  |
| 10"   | 6230H8G  | 80                                 | 6                             |  |  |
|   |          |                                    |                               |  |  |
| High Torque Capacity 12" & 15" No-Hub Couplings |          |                                    |                               |  |  |
| 12"   | 6231M8G  | 120                                | 6                             |  | <ul style="list-style-type: none"><li>• Made in USA.</li><li>• A quality line of large diameter no-hub couplings</li><li>• High-capacity Pow'r Gear® Clamps. Installed at 120 inch-pounds</li><li>• Provides greater sealing pressure around pipes of larger diameter than do conventional clamps</li><li>• In full compliance to ASTM C564, CISPI 310, ASTM C1277 and also carry IAPMO Certification</li></ul>  |
| 15"   | 6232M8G  | 120                                | 6                             |  |  |

**For more information about IDEAL-TRIDON No-Hub Couplings, go to [www.no-hub.com](http://www.no-hub.com).**



**WWW.IDEALTRIDON.COM | PROVEN DESIGNS, BILLIONS OF TIMES**

**IDEAL CLAMP PRODUCTS, INC.  
8100 TRIDON DRIVE  
SMYRNA, TN 37167-6603**

**800.251.3220  
615.459.5800  
FAX 615.223.1550**