



# NO-HUB COUPLINGS

CLASSIC | STANDARD | HEAVY-DUTY MD | HEAVY-DUTY HD | 12" & 15"



For more than 45 years, Ideal Clamp Products, Inc. has been manufacturing no-hub couplings for the most recognized names in the business. Mainline® 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 Mainline® No-Hub Couplings for dependable pipe and fitting connections.

*Preferred by the pros.*

# MAINLINE® 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 IDEALTRIDON™ 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 and ASTM C1277**

IDEAL-TRIDON™ Classic and Standard Couplings are certified by all major plumbing code bodies throughout the U.S. and Canada, and conform to the most stringent industry standards: CISPI 310, ASTM C564, and ASTM C1277.

## **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.

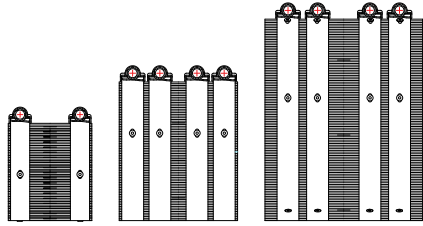
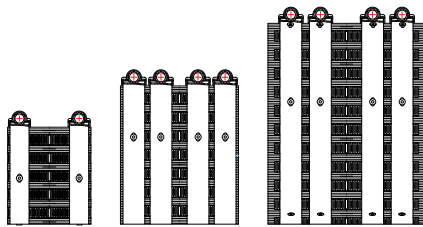
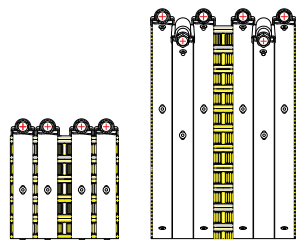
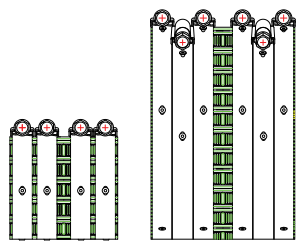
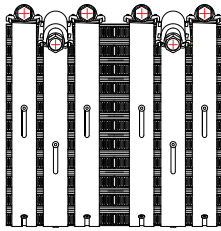
## **300 Grade Stainless Steel Components**

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

# MAINLINE® NO-HUB COUPLINGS SPECIFICATIONS

Features	Classic No-Hub	Standard No-Hub	Heavy-Duty MD No-Hub	Heavy-Duty HD 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") 4 (5" thru 10")	2 (1-1/2" thru 4") 4 (5" thru 10")	4 (1-1/2" thru 4") 6 (5" thru 10")	4 (1-1/2" thru 4") 6 (5" thru 10")	6
Coupling Width	1-1/2" thru 4" = 2-1/8" 5" & 6" = 3" 8" & 10" = 4"	1-1/2" thru 4" = 2-1/8" 5" & 6" = 3" 8" & 10" = 4"	1-1/2" thru 4" = 3" 5", 6", 8" & 10" = 4"	1-1/2" thru 4" = 3" 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 Material	301 SS	301 SS	304 SS	304 SS	304 SS
Band Material	301 SS	301 SS	304 SS	304 SS	304 SS
Housing Material	301 SS	301 SS	304 SS	304 SS	304 SS
Screw Material	305 SS	305 SS	305 SS	305 SS	305 SS
Eyelet Material	305 SS	305 SS	305 SS	305 SS	305 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	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" Excludes reducer couplings	Certified 1-1/2" thru 10" Excludes reducer couplings			
					
	<b>Classic</b>	<b>Standard</b>	<b>Heavy-Duty MD</b>	<b>Heavy-Duty HD</b>	<b>12" &amp; 15" No-Hub</b>



Size	Part No.	Installation Torque Inch-Pounds	No. of Clamps Per Coupling	Engineering Drawings	Product Description
Classic No-Hub Couplings					
1-1/2"	ML112NHC	60	2		<ul style="list-style-type: none"><li>A quality line of standard-duty, import couplings fully manufactured and backed by Ideal Clamp Products</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"	ML2NHC	60	2		
3"	ML3NHC	60	2		
4"	ML4NHC	60	2		
5"	ML5NHC	60	4		
6"	ML6NHC	60	4		
8"	ML8NHC	60	4		
10"	ML10NHC	60	4		
2"x 1-1/2"	ML2112NHC	60	2		
3"x 2"	ML32NHC	60	2		
4"x 3"	ML43NHC	60	2		
Standard No-Hub Couplings					
1-1/2"	ML6217M8G	60	2		<ul style="list-style-type: none"><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"	ML6218M8G	60	2		
3"	ML6219M8G	60	2		
4"	ML6220M8G	60	2		
5"	ML6221M8G	60	4		
6"	ML6222M8G	60	4		
8"	ML6223M8G	60	4		
10"	ML6230M8G	60	4		
2"x 1-1/2"	ML6233M8G	60	2		
3"x 2"	ML62R198G	60	2		
4"x 3"	ML62R208G	60	2		
Heavy-Duty MD No-Hub Couplings					
1-1/2"	MLC150HW	80	4		<ul style="list-style-type: none"><li>Same as Heavy-Duty HD, but with a 5/16" inch drive</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.</li></ul>
2"	MLC200HW	80	4		
3"	MLC300HW	80	4		
4"	MLC400HW	80	4		
5"	MLC500HW	80	6		
6"	MLC600HW	80	6		
8"	MLC800HW	80	6		
10"	MLC1000HW	80	6		
Heavy-Duty HD No-Hub Couplings					
1-1/2"	ML112SD4000	80	4		<ul style="list-style-type: none"><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"	ML2SD4000	80	4		
3"	ML3SD4000	80	4		
4"	ML4SD4000	80	4		
5"	ML5SD4000	80	6		
6"	ML6SD4000	80	6		
8"	ML8SD4000	80	6		
10"	ML10SD4000	80	6		
High Torque Capacity 12" & 15" No-Hub Couplings					
12"	ML12NHC	120	6		<ul style="list-style-type: none"><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 ASTM C1540, and also carry IAPMO Certification</li></ul>
15"	ML15NHC	120	6		

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