



## HEAVY DUTY NO-HUB COUPLINGS

DISCOVER THE IDEAL DIFFERENCE WITH OUR GREEN® AND YELLOW® SHIELD NO-HUB COUPLINGS



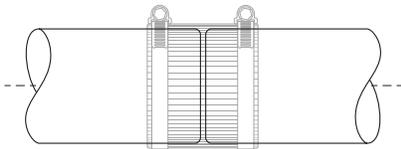
### Our Unique Engineering Combines Strength and Flexibility

Discover how Ideal Tridon's Green® and Yellow® Shield No-Hub Couplings provide maximum sealing force and flexibility!

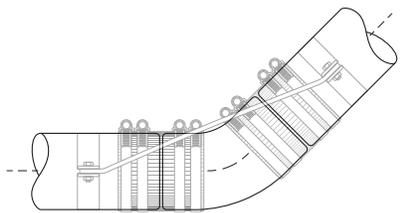
The extraordinary performance of our **Heavy Duty No-Hub Couplings** starts with the design for the components. Everything from our flexible **Green® & Yellow® Bidirectional Shields** to the interlocked hose clamp design provides state-of-the-art clamping efficiency. Rely on Ideal Tridon No-Hub Couplings for heavy duty, dependable pipe and fitting connections. Want to make sure you're working with the best? **Look for our Green® and Yellow® Shields on your next job site!**

Ideal Tridon Couplings are certified by all major plumbing code bodies throughout the U.S.

### A Thinner Shield is Better



**1. TRANSFERENCE OF TORQUE:** Thicker gauge shield material "blocks" the torque from getting to the gasket. A thinner shield protects the gasket while allowing a more efficient transfer of torque therefore providing a better seal.



**2. STEPPED JOINTS:** When two pieces of pipe come together, they are never the exact same outer diameter due to +/- tolerances. A thinner shield is more forgiving, flexible, and malleable. It bends with the joint allowing the seal to remain strong. A thick shield is rigid and does not form itself over the joint.

**3. DEFLECTION:** When the joint is subject to deflection, a thin shield is able to form itself with the joint.

# HEAVY-DUTY NO-HUB COUPLING COMPARISON CHART



**IDEAL HEAVY  
DUTY YELLOW®**



**IDEAL SUPER  
HEAVY DUTY GREEN®**



**ANACO HUSKY  
HD2000**



**ANACO HUSKY  
SD4000**



**MISSION  
HEAVYWEIGHT**

## CLAMPS

<b>No. of Clamps Included</b>	4 (1-1/2" thru 4") 6 (5" thru 10")				
<b>Clamp Band Width</b>	9/16"	9/16"	9/16"	9/16"	9/16"
<b>Band, Housing, Screw Material</b>	300 Series SS				
<b>5/16" Hex Head Screw</b>	Yes		Yes		Yes
<b>3/8" Hex Head Screw</b>		Yes		Yes	
<b>Installation Torque</b>	80 in-lbs				
<b>Ultimate Torque</b>	100 in-lbs				
<b>Interlocked Housing Design</b>	YES	YES	No	No	Yes
<b>Visual Torque Indicator</b>	YES	YES	No	No	No

## SHIELD

<b>Shield Color</b>	Yellow®	Green®	White	Orange	Blue
<b>Shield Thickness</b>	0.008" **	0.008" **	0.012"	0.015"	0.0075"
<b>Coupling Width</b>	1-1/2" thru 4" = 3" 5" thru 10" = 4"	1-1/2" thru 4" = 3" 5" thru 10" = 4"	1-1/2" thru 4" = 3" 5" thru 10" = 4"	1-1/2" thru 4" = 3" 5" thru 10" = 4"	1-1/2" thru 4" = 3" 5" thru 10" = 4"
<b>Floating Eyelets</b>	Yes	Yes	Yes	Yes	Yes
<b>Shield &amp; Eyelet Material</b>	300 Series SS				
<b>Bi-Directional Shield</b>	YES	YES	No	No	No

\* To provide superior performance in thrust, shear, and deflection, Ideal has concluded that a 0.008" shield provides the optimal combination of sealing efficiency and joint support. Too thick and the joint is not flexible and blocks the transference of torque to the gasket. Too thin, and there is not enough joint support.

## GASKET

<b>Gasket Material</b>	ASTM C564 Compliant				
<b>Beaded Gaskets</b>	8" & 10"	8" & 10"	1-1/2" thru 10"	1-1/2" thru 10"	1-1/2" thru 10"
<b>Offset Ribbed Gaskets</b>	1-1/2" thru 6"	1-1/2" thru 6"			

## APPROVALS

<b>CISPI 310 Compliant</b>	Exceeds	Exceeds	Exceeds	Exceeds	Exceeds
<b>ASTM C1277</b>	Std-Duty Specification	Std-Duty Specification	Std-Duty Specification	Std-Duty Specification	Std-Duty Specification
<b>ASTM C1540 Compliant</b>	Yes	Yes	Yes	Yes	Yes

Ideal Tridon 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, ASTM C1540 and FMI680.