




## Metal Pump Coupling Type Comparison

### All of our metal coupling products feature:



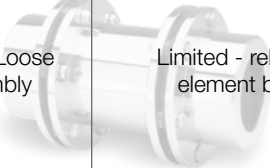

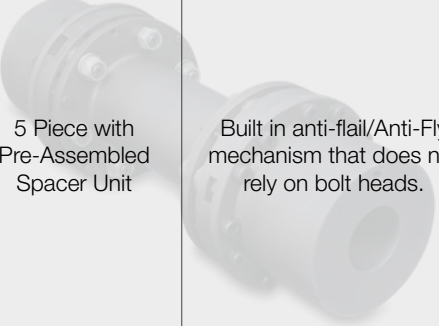


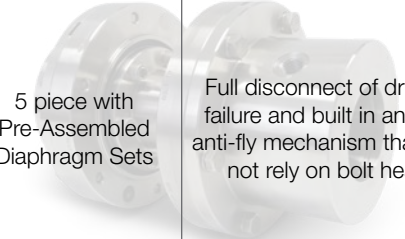
- No maintenance or Lubrication
- Long service life
- Zero Backlash and High Torsional Stiffness
- Standard 301SS Flex elements
- Puller Holes as Standard
- Optional Inconel 625 and Monel 400 Flex Elements



Type	Altra Product	Anti-Flail In Case Of Element Failure	API Compliance		Anti-Spark	Phosphate Coating	Altra Coupling Key Features	Price	Prime Markets	
			610	671						
	3 Piece Loose Assembly	<b>Form-Flex</b>	Limited - relies on element bolts	Option	No	No	Option	<ul style="list-style-type: none"> <li>• Budget entry level coupling</li> <li>• High Strength steel fasteners</li> <li>• Fully Stainless Steel couplings available</li> </ul>	Low	<b>Critical General Industrial</b>
<b>Metal Disc</b> 	5 Piece with Pre-Assembled Spacer Unit	<b>Torsiflex</b>	Built in anti-flail/Anti-Fly mechanism that does not rely on bolt heads.	Standard	Option	Standard	Standard	<ul style="list-style-type: none"> <li>• Metric and Imperial versions available</li> <li>• More power dense than competition</li> <li>• Lower Weight than the competition                             <ul style="list-style-type: none"> <li>– Longer bearing life</li> <li>– Lower total cost of ownership</li> </ul> </li> <li>• AHX Large Hub opti increases bore capacity up to 40%</li> <li>• Plug and Play removeable center section                             <ul style="list-style-type: none"> <li>– Factory Assembled</li> <li>– Rapid installation/removal</li> <li>– Down time kept to a minimum</li> </ul> </li> </ul> <p><b>Additional options:</b></p> <ul style="list-style-type: none"> <li>• Axial adjustment shims for taper shafts.</li> <li>• Electrical insulation</li> <li>• Limited End Float</li> </ul>	Low / Medium	<b>Oil &amp; Gas Pumps and Compressors</b>
<b>Metal Diaphragm</b> 	5 piece with Pre-Assembled Diaphragm Sets	<b>PWM</b>	Full disconnect of drive on failure and built in anti-flail/anti-fly mechanism that does not rely on bolt heads	Standard	Option	Standard	Standard	<ul style="list-style-type: none"> <li>• Fully meets the DEP 31.29.00.36 specifications</li> <li>• Anti-spark as Standard                             <ul style="list-style-type: none"> <li>– Low Friction guard bush</li> <li>– Guard Bush retains spacer in event of membrane failure</li> </ul> </li> <li>• Low overhung masses</li> <li>• Optimum Power to Weight ratio</li> <li>• Low restoring forces</li> <li>• Increased life of connected equipment</li> </ul>	High	<b>Oil &amp; Gas Pumps, Compressors and Critical Equipment</b>

# Metal Pump Coupling Competitive Interchange



Type	Construction	Anti-Flail In Case Of Element Failure	Altra Product	Equivalent competition product				Price	Primary Applications
			(Turboflex) Altra Series	(Metastream) John Crane	Rexnord (Thomas)	KTR	Flender		
	 3 Piece Loose Assembly	 Limited - relies on element bolts	<b>Form-Flex</b>	L Series	XTSR 52	Radex	Arpex	Low	<b>Critical General Industrial</b>
	 5 Piece with Pre-Assembled Spacer Unit	 Built in anti-flail/Anti-Fly mechanism that does not rely on bolt heads.	<b>Torsiflex</b>	T Series	XTSR71	Rigi-Flex	Engineered Arpex.	Low / Medium	<b>Oil &amp; Gas Pumps and Compressors</b>
	 5 piece with Pre-Assembled Diaphragm Sets	 Full disconnect of drive on failure and built in anti-flail/anti-fly mechanism that does not rely on bolt heads	<b>PWM</b>	M Series	N/A	N/A	N/A	High	<b>Oil &amp; Gas Pumps and Critical Equipment</b>