






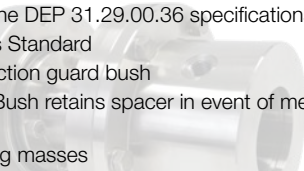


## Metal Pump Coupling Type Comparison

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



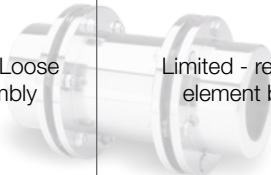

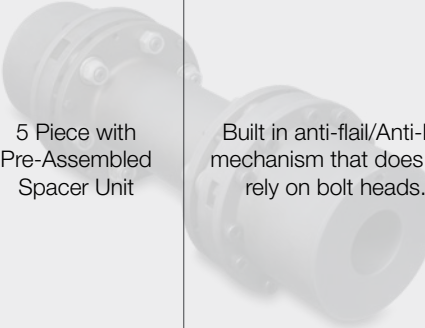


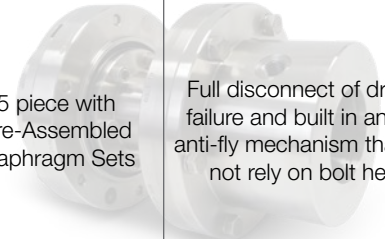


Type			Altra Product	Anti-Flail In Case Of Element Failure	API Compliance		Anti-Spark	Phosphate Coating	Altra Coupling Key Features	Price	Prime Markets
		610			671						
		3 Piece Loose Assembly	<b>Form-Flex</b>	Limited - relies on element bolts	Option	No	No	Option	 <ul style="list-style-type: none"><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>
		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>
		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		
<div>Metal Disc</div> 		 3 Piece Loose Assembly	Limited - relies on element bolts	Form-Flex	L Series	XTSR 52	Radex	Arpex	Low	Critical General Industrial
		 5 Piece with Pre-Assembled Spacer Unit	Built in anti-flail/Anti-Fly mechanism that does not rely on bolt heads.	Torsiflex	T Series	XTSR71	Rigi-Flex	Engineered Arpex.	Low / Medium	Oil & Gas Pumps and Compressors
<div>Metal Diaphragm</div> 		 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	PWM	M Series	N/A	N/A	N/A	High	Oil & Gas Pumps and Critical Equipment