

I N T R O D U C I N G

# Torsiflex-i

Flexible Disc Couplings  
for API 610 Service



#### Torsiflex-i Advantages:

- Standard coupling is fully compliant with the requirements of API 610 / ISO 14691
- Plug-in spacer design allows installation and removal without disturbing the hubs
- Inch series hub attachment screws (Metric available upon request)
- Robust disc pack design allows for greater torque load in a smaller coupling, resulting in lower weight
- Large bolts for high clamp load, increasing frictional torque load, and reduced bolt bending stress
- Max bores matched to NEMA motor shafts, resulting in up to 60% weight savings per application
- Smaller diameter and lower weight per HP provide better inherent balance
- ATEX compliance is standard — ExII 2GDc135degC(T4)
- Built-in Anti-Flail Feature
- Zinc Phosphate coating standard
- Large hubs available on first two sizes
- Compliance with API 671 / ISO 10441 is available

## More power and performance than the competition

Lower weight, longer bearing life  
lowers cost per application

	Size	Torsiflex-i (TFI)	Rexnord (Series 71)	John Crane (TSC)	Weight Savings Over Rexnord	Weight Savings Over John Crane
Standard NEMA Frames	254T	27	150	0013	44%	42%
	256T	27	175	0013	45%	26%
	284T	27	175	0033	30%	35%
	286T	27	175	0033	30%	35%
	324T	38	225	0033	42%	35%
	326T	38	225	0033	42%	35%
	364T	38	300	0075	65%	60%
	365T	140	300	0075	16%	5%
	404T	140	300	0075	18%	8%
	405T	140	300	0075	18%	8%
	444T	260	350	0135	17%	11%
	445T	260	350	0135	17%	11%

See reverse for Torsi-Lock® hub information



## Torsiflex-i Couplings

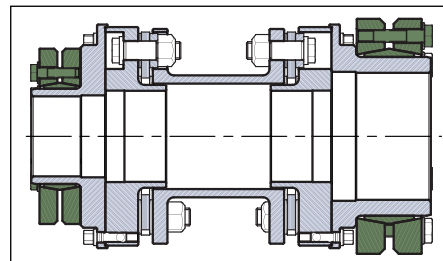
# Now available with Torsi-Lock® Hubs

**Torsi-Lock provides the ease of a slip fit with the power of a shrink fit**

Altra Couplings has responded to industry demand for a cold-install hub that provides the secure torque transmission and balance repeatability of an interference fit. We've combined our Amerilock shaft locking devices with Torsiflex-i to provide a pre-engineered solution that meets the balance requirements of API 610.

- Cold Install means **NO HOT WORK PERMITS**, providing added safety and productivity in hazardous environments
- Easy, repeatable removal and installation
- Eliminates fretting of hub to shaft
- Compensates for variances in shaft spacing – slip on and fix in the needed location
- May be used with keyed or keyless shafts (half key recommended with keyed shafts)
- Fully pre-engineered solution
  - Correct material selection to prevent permanent shrink of hub to shaft
  - Lightest weight locking device/hub combination selected
  - Hub and locking device balanced and match marked to assure optimum balance performance.

For more information visit  
[www.ameridrives.com](http://www.ameridrives.com)



Torsi-Lock can be specified for one or both hubs and sized to accommodate a variety of shaft diameters.



[www.ameridrives.com](http://www.ameridrives.com)

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