

Couplings



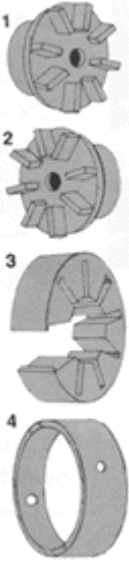
ATRA-FLEX[®]

Flexible Couplings

TECHNICAL

Now there's a new solution to one of the most persistent and troublesome problems facing maintenance personnel - periodic coupling failure and the downtime and expense that go with it. If a new insert is needed, a low-cost replacement can be installed in minutes without moving either the prime mover or the driven equipment.

There are only four parts in ATRA-FLEX couplings. The two identical hubs (number 1 and 2, right) are made of steel, each with four, six or eight teeth, depending on load and size. The split insert (Number 3), which is made of specially compounded polyurethane, fits between the hubs. The outer steel holding ring (Number 4) has no nuts or bolts!



- Change-out of coupling insert is faster than any other.
- Custom compounded polyurethane inserts provide elasticity and resistance to high torque, shear and shock loads.
- Unlike others, a single ATRA-FLEX coupling can be purchased to fit two different shaft sizes.
- Elastic insert is highly resistant to humidity, oils, corrosion and chemicals; retains performance characteristics at temperatures from -60 degrees F to +200 degrees F
- No lubrication or service is required.
- ATRA-FLEX couplings have run 70,000+ hours with no signs of wear.
- ATRA-FLEX couplings may be installed horizontally or vertically; can rotate in either direction.
- No bolts or sharp edges provide safer operation.
- Operation is completely silent at all speeds and loads.
- No metal-to-metal contact between coupling parts.
- Initial cost is low, and maintenance and downtime are minimal.
- High temperature insert (red) available to +350 degrees F.

For Additional Information Contact Stator Sales & Service Limited;

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