

Oldham coupling varieties offered to meet application demands

Marlborough, Massachusetts, August 2009. Ruland Manufacturing Company offers oldham couplings with a variety of special features to meet application demands. Keyways are a standard option to increase torque capacity of the coupling by creating a positive drive while also ensuring precise positioning of the coupling hub. Hubs are available in stainless steel to increase corrosion resistance in harsh or clean environments. Where frequent removal might cause discs to fall off, discs and hubs can be modified to allow them to be attached. Discs are also available with a center hole to allow shaft penetration. Special bores and lengths are offered as well.

Oldham couplings are three piece coupling assemblies comprised of two hubs with a mating center section for transmission of torque. The three piece design has several advantages over single piece couplings including ease of assembly and the ability to conveniently mix and match hubs with different bores, even inch to metric combinations. Oldham coupling hubs have drive tenons that do not overlap when combined with the mating center disc. This design allows for easy sliding to accommodate misalignment with very light bearing loads since the only resistance caused by misalignment is frictional. The couplings also operate as a mechanical fuse since the hubs will spin freely if the center disc fails, and have the advantages of electrical isolation all at a relatively low cost. Oldham couplings offer zero backlash and high torque capacity. They accommodate angular and axial misalignment, but are especially useful in applications where parallel misalignment is present.

Ruland oldham couplings are offered from stock in a choice of six outside diameters from 1/2" (13 mm) to 2 1/4" (57 mm) in both set screw style and clamp style. A large variety of inch and metric bore sizes starting at 1/8" (3 mm) is available with keyways offered on 3/8" (8 mm) and larger bores.

Oldham couplings are part of Ruland's complete product line which also includes shaft collars and rigid couplings with precision honed bores, and five types of zero-backlash



Press release
motion control couplings: beam couplings, bellows couplings, oldham couplings, curved
jaw couplings and miniature disc couplings.

Picture: Oldham couplings from Ruland in different styles and sizes.

Direct link to product:

http://www.ruland.com/ps_couplings_oldham.asp

Company Information:

Ruland Manufacturing Co., Inc. has been a precision manufacturer since 1937, making a variety of products including the valve that pressurized the spacesuit of the first American to walk in space. Ruland's focus for the past 40 years has been on high performing shaft collars and couplings. The complete line of products includes shaft collars and rigid couplings, and a full line of motion control couplings: beam couplings, bellows couplings, oldham couplings, miniature disc couplings and zero backlash jaw couplings.

Contact:

Ruland Manufacturing Co., Inc.
6 Hayes Memorial Drive
Marlborough, MA 01752
Phone 508 485 1000
Fax 508 485 9000
E-mail marketing@ruland.com
Internet www.ruland.com

PR Contact:

Christiane Tupac-Yupanqui
TPR International
Hermann-Löns-Weg 57
D-69207 Sandhausen, Germany
Phone 0049 6224 172751
Fax 0049 6224 172752
E-mail: c.tupac@tradepressrelations.com
Internet: www.tradepressrelations.com

TPR International would be grateful for a copy of the publication with this article.