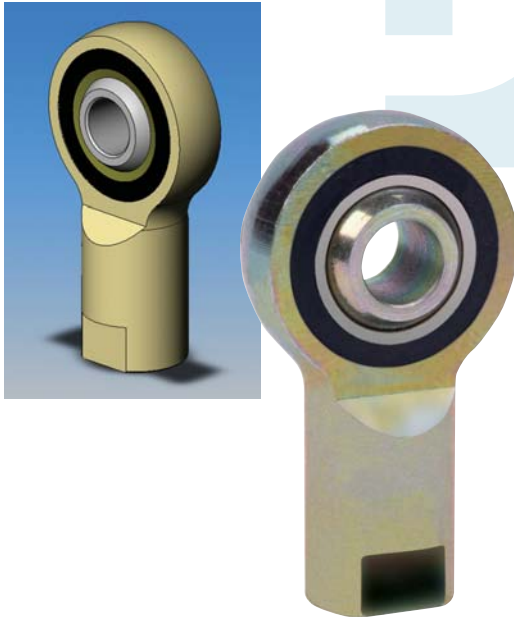


VibraLink™

Industrial Rod Ends, Metal to Metal Spherical Insert
Captured by Molded Vibration Dampening Neoprene



VibraLink Industrial

Suitable for many industrial/mechanical motion transfer applications. This Tuthill rod end series provides the flexibility of a standard Tuthill rod end, but delivers extra vibration dampening durability when needed. It is interchangeable with most standard rod ends, thus allowing even more flexibility in linkage system applications with vibration issues. Ball and body materials are produced from a low carbon steel and are zinc plated with a yellow dichromate treatment for extended corrosion resistance. The ball is case hardened for extended wear with a zinc yellow plated steel race, swaged precisely to allow optimum misalignment, thus reducing system binding. It can be operated in a wide range of temperatures. Studded and right or left-handed thread versions are available.

The VibraLink series is just one of many within our broad line of industrial/commercial rod ends. For full product line detail, contact us for a comprehensive catalog or visit www.tuthillcontrols.com and download individual product data sheets and other product information.



Description:

VibraLink (Isolator Style)
Industrial Rod Ends,
Metal to Metal Spherical Insert
Captured by Molded Vibration
Dampening Neoprene

Applications:

- Numerous mechanical motion transfer devices/ applications, including:
- Truck/bus
- Hand & foot controls
- Motorcycles
- Construction equipment
- Agriculture equipment

Features:

- Inner spherical bearing member is joined to housing via Neoprene molding to deliver strong vibration dampening characteristics (60 and 70 Durometer available, other hardnesses available upon request)
- Spherical insert allows for misalignment to prevent binding and lost motion
- Primary loading should be in radial direction
- Can be used in a wide range of temperatures:
-30°F — 250°F
(-34°C — 121°C)

Material

Ball

- Low Carbon Steel
- Case Hardened
- Zinc Plated, Yellow Dichromate Treated

Body

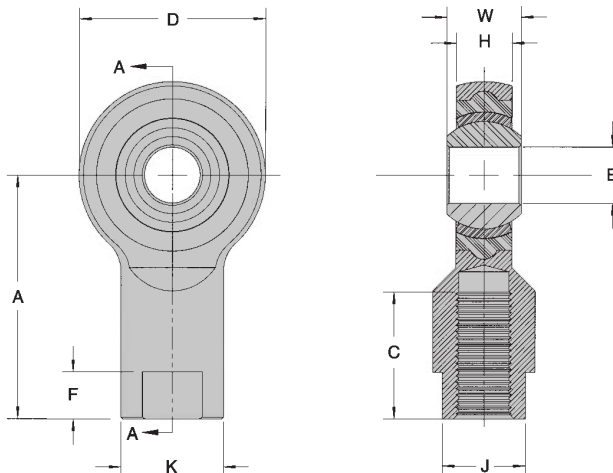
- Low Carbon Steel
- Zinc Plated, Yellow Dichromate Treated

Race

- Low Carbon Steel
- Zinc Plated, Yellow Dichromate Treated

Rubber

- Neoprene



VIB Chart

Part Number		B +0.0025 0.0005	W +0.000 -0.005	H +/-0.015	A ±.015	D ±.010	K ±.010	J ±.010	REF	C MIN		
Right Hand	Left Hand	Ball Bore	Ball Width	Housing Width	Centerline Length	Head Diameter	Shank Diameter	Wrench Flat	Ball Diameter	Thread Length	Thread Size	Elastomer Durometer
VIB60F6	VIB60FL6	.375	.500	.375	1.625	1.250	.687	.562	.719	.800	3/8-24	60
VIB70F6	VIB70FL6	.375	.500	.375	1.625	1.250	.687	.562	.719	.800	3/8-24	70
VIB60F10M	VIB60FL10M	10mm	.500	.375	1.625	1.250	.687	.562	.719	.800	M10x1.5	60
VIB70F10M	VIB70FL10M	10mm	.500	.375	1.625	1.250	.687	.562	.719	.800	M10x1.5	70

Chart Notes: All tolerances are represented in inches.

Linking Motion
& Control...
The Tuthill
Solution



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• Please refer to the Warning statement and appropriate installation usage information in the Tuthill Technical/Application Data brochure
• For application assistance/technical questions, please contact (tlgtech@tuthill.com) or phone (260-749-5105)