



**13** Section 13  
**Joints**

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**Joint Pieces, Ball Joints, Universal Joints, Bearings, Idler Pulleys**



Our mechanical joints section offers components used as motion transference accessories for motors and engines, involving pneumatic or hydraulic cylinders. Fork heads (also known as yokes) and joint pieces act as connectors, while ball, axial and universal joints (also known as U-joints) are used to transfer motion in the desired direction smoothly and with minimal friction.

Spherical bearings allow for rotating motion to occur without excessive friction, vibration, noise or wear. Rod end bearings are used to control and link mechanisms with the lowest possible friction. Bearings are used in applications such as computers, VCRs, cars, trains, planes, construction equipment, machine tools, refrigerators and fans.

**In This Section:**

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- [Spherical Bearings](#)
- [Rod End Bearings](#)
- [Angled Ball and Axial Ball Joints and Couplings](#)
- [Universal Joints](#)
- [Bearing Lock Nuts and Lock Washers](#)
- [Idler Pulleys](#)

Related components also offered in this section are dust caps, bearing lock nuts and washers, pulleys, and bore, shoulder and clevis adapters.

**Special modifications available:**

- threads
- bores
- kitting, packaging and labeling

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More about our [machining and packaging capacities](#)

Read posts about [joints](#) and [bearings](#) on the J.W. Winco blog

**Fork Heads (Yokes) and Joint Pieces**



[GN 71752  
Inch Size, Steel,  
Zinc Plated Fork  
Heads \(Yokes\)](#)



[DIN 71752  
Metric Size, Steel,  
Zinc Plated Fork  
Heads \(Yokes\)](#)



[GN 71752  
Inch Size,  
Stainless Steel  
Fork Heads  
\(Yokes\)](#)



[WN 751  
Inch Size, Steel,  
Zinc Plated Fork  
Heads \(Yokes\)  
with Snap-on  
Spring Pin](#)



[WN 751  
Inch Size,  
Stainless Steel  
Fork Heads  
\(Yokes\) with  
Retaining Ring](#)



[GN 751  
Metric Size, Steel,  
Zinc Plated Fork  
Heads \(Yokes\)  
with Circlip or  
Snap-on Securing  
Collar](#)



[GN 751-NI  
Metric Size,  
Stainless Steel Fork  
Heads \(Yokes\)  
with Circlip](#)



[GN 751-AL  
Aluminum Fork  
Heads \(Yokes\)  
with with  
Retaining Clip](#)



[GN 752  
Steel Joint Pieces](#)



[GN 752-NI  
Stainless Steel  
Joint Pieces](#)

**Spherical Bearings**



[GLRSW  
Stainless Steel  
Series K Spherical  
Plain Bearings](#)



[GXSW  
Steel Series K  
Spherical Plain  
Bearings](#)

**Rod End Bearings**



[WN 648  
Inch Size, Steel  
Self-Lubricating  
Rod End Bearings-  
Tapped](#)



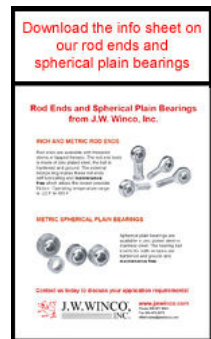
[WN 648  
Inch Size, Steel  
Self-Lubricating  
Rod End Bearings-  
Threaded Stem](#)



[DIN 648  
Metric Size, Steel  
Self-Lubricating  
Rod End  
Bearings- Tapped](#)



[DIN 648  
Metric Size, Steel  
Self-Lubricating  
Rod End Bearings-  
Threaded Stem](#)



**Angled Ball and Axial Ball Joints and Couplings**



[DIN 71802  
Steel, Zinc Plated  
Angled Ball Joints](#)



[DIN 71802-NI  
Stainless Steel  
Angled Ball Joints](#)



[GN 710  
Dust Caps for  
Angled Ball  
Joints](#)



[GN 782  
Steel Axial Ball  
Joints](#)



[GN 784  
\*\*NEW\*\*  
Aluminum  
Mounting Clamps  
with Swivel Ball  
Joint](#)



GN 784.1  
**NEW**  
Aluminum  
Mounting Flanges  
for GN 784  
Mounting Clamps  
with Swivel Ball  
Joint



GN 240  
Quick-Fit  
Couplings with  
Radial Off-Set  
Compensation



GN 240.1  
Quick-Fit  
Couplings with  
Radial Off-Set  
Compensation



GN 240.2  
Quick-Fit  
Couplings with  
Axial and Radial  
Off-Set  
Compensation

**Universal Ball Joints**



GN 9080  
Steel Universal  
Joints



DIN 808-FB  
Steel Universal  
Joints with Friction  
Bearing



DIN 808-NB  
Steel Universal  
Joints with  
Needle Bearing



GN 808.1  
Cover Boots for  
Universal Joints

**Bearing Lock Nuts and Lock Washers**



KM  
Metric Size.  
Bearing Lock Nuts



MB  
Metric Size.  
Bearing Lock  
Washers

**Idler Pulleys**



VBIP  
V-Belt Idler  
Pulleys



FIP  
Flat Idler Pulleys



BSCA  
Bore, Shoulder  
and Clevis  
Adapters