WOODEX Bearings





















About us

Offered since 1905, Woodex MECO Industries produces a bearing material from rock maple, impregnated with petrolatum wax. This highly-durable material is used extensively in wet and dry screw and roll conveying machinery, frequently in agricultural service. When the inevitable sand or grit invades the journal interface, a wood bearing compresses, absorbing the pollutant into its surface, and covering it with a film of oil. The substance which typically destroys shafts becomes a benign part of the bearing! The wood releases lubricant when the shaft begins to spin and the journal interface heats; when the shaft stops and the journal cools, the natural capillary action of the wood retrieves the lubricant. Woodex MECO manufactures direct replacement parts for Arguto® and Pobco® oil-impregnated wood bearings.

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Mechanical shaft seals

Woodex MECO Industries also designs and manufactures MECO fully-split and unsplit shaft seals. MECO seals are custom-designed to fit new and existing machinery, often with no need for modification other than removal of the original seal or stuffing box.

Head to **woodex-meco.com** to learn more about the entire product line designed to make your process more efficient, environmentally friendly and profitable.

Design and Engineering Data

Pł	nysical properties
Lubricant content by weight	41.47%
Tensile strength	1,150 PSI
Compression permanent deformation	(PSI, for .005" set) 7,500
Specific gravity	1.3
Coefficient of thermal expansion per ESF	4.3x10^-6
Temperature range	-50 to +160°F
Coefficient friction	.07 to .115
Weight per cubic inch, lbs	.039
Wear rate factor	<0.1 x 10^-10
Max P/V factor	12,000 PIA-SFM
Max P	2,000 PIA
Max V	2,000 - SFM

SPEED VS. LOAD - P/V FACTOR

All bearings have a P/V rating (Pressure/Velocity) based on empirical testing. The rating is a mathematical expression of Pressure (PIA = pounds per inch of projected area) times Velocity (SFM = surface feet per minute). The expressed P/V value of a material is the maximum load-speed that a bearing can withstand. This value is further refined by the maximum PIA and SFM that the material can withstand regardless of the total P/V value. The recommended P/V factor for Woodex bearings is 12,000, with a maximum PIA and SFM of 2,000 each. As a comparison, the following are operating characteristics of a variety of bearing materials:

Materials	Max P/V	Max P	Max V
Injection Molded Nylon 101	3,000	380	475
Delrin	3,000	1,000	100
UHMW-PE	4,000	1,000	50
WOODEX	12,000	2,000	2,000
Babbit (10% Tin)	18,000	1,300	1,400
Oilite Bronze	50,000	2,000	1,200
Cast Bronze SAE 600	75,000	3,000	750

Woodex is unusual in that it has the capability to handle both high speeds and loads, a quality that enhances its flexibility. As an example, in a dry, ambient condition a 2" long Woodex bearing supporting a 1" shaft can support a shaft load of up to 1,800 pounds, while the shaft is rotating at 50 rpm. Conversely, the bearing can tolerate a shaft RPM of up to 1,800, while the shaft load is 50 pounds. To calculate the P/V for any given application, use the following formulas:

PIA=
$$\frac{\text{Shaft Load (lbs)}}{\text{Shaft Dia. x Bearing Length (in.)}} \text{ SFM=} \left(\frac{\pi \text{ x Shaft Dia (in.)}}{12}\right) \text{x RPM}$$

PIA and SFM must each equal 2,000 or less. Multiply PIA times SFM: the product (P/V) must be 12,000 or less. If true for all three values, Woodex Meco may be right for your application.

NOTE: Add appropriate safety factors to both load and speed before calculating.

GRAIN DIRECTION

In a lubricated bearing, the oil must be delivered to the load carrying area of the interface. In order to do this, a wood bearing must have its bore at right angles to the grain of the wood. Aligned in this cross-grain fashion, the cell structure meters the lubricant to the interface.

WALL THICKNESS

It is important that the wall thickness of the bearing meets minimum standards. Proper wall thickness will guarantee a sufficient supply of lubricant to last the life of the bearing. Shaft size can rarely be reduced, but housing size may be increased to satisfy this requirement. (*Thinner bearing walls may produce reasonable service life under certain conditions.)

Shaft diameter	Recommended wall thickness*
Up to 1/2"	½6" to ½8"
½" to 1"	½" to ¾16"
1" to 1 ½"	³⁄₁e" to ⁵∕₁e"
1½" to 2"	5/16" to 3/8"
2" to 2 ½"	3/s" to 1/2"
2 ½" to 4"	½" to 5/8"

CLEARANCES

An oil-lubricated bearing must have sufficient clearance to allow the lubricant to penetrate and form a lubricating film. Insufficient clearance will inhibit this lubricating film and excessive clearance will allow excessive movement between parts. Either condition will result in premature bearing failure. The inside diameters of all Woodex bearings are machined oversize to provide the required clearance. Designs that require tighter tolerances can be met by supplying bearings without built-in clearance and calling for reaming at installation. Reaming will not restrict the self-metering lubrication qualities of the bearing.

Installed Bearing Clearances								
Shaft Diameter	Operating	Conditions	Roll-End Oper	ating Conditions				
Up to ½"	Dry .002"010"	Wet .020"028"	Dry .015"024"	Wet .030"035"				
½" to 1"	Dry .004"016"	Wet .024"032"	Dry .024"028"	Wet .035"042"				
1" to 1 ½"	Dry .007"019"	Wet .038"046"	Dry .024"030"	Wet .038"050"				
1½" to 3"	Dry .010"025"	Wet .045"060"						
3" and UP	Dry .015"031"	Wet .050"066"						

PRESS FITS

A Woodex bearing remains stationary in its housing because it has been furnished with an oversized outside diameter to ensure firm retention. Sleeve, flange and roll-end bearings are all machined to include this press fit. Oil impregnated maple bearings have greater press fit dimensions than metal, since they are much more compressible.

CLOSE-IN

The compressibility of oil-impregnated rock maple means that approximately 70% of the press fit on a Woodex bearing will be reflected in close-in of the inside diameter. Woodex bearings are normally furnished with an oversized inside diameter. This provides a correct running clearance once the bearing has been pressed in place and the close-in effected.

	Shaft diameter	
Nominal OD	Press Fits	Close-In Factor
Up to ½"	.003"006"	.003"
½" to 1½"	.004"008"	.004"
1 ½" to 3"	.005"010"	.005"
3" and UP	.006"012"	.006"

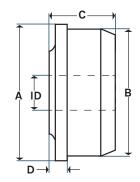
LUBRICATION

Woodex bearings self-lubricate in three modes: **boundary lubrication, full film (hydrodynamic) lubrication, and mixed film lubrication.** These modes indicate the effectiveness of bearing lubrication in reducing friction.

- **Boundary lubrication** permits bearing-shaft contact in the presence of an extremely thin lubricating film. Bearing wear is proportional to load and speed.
- With **full-film lubrication**, the shaft is completely separated from contact with the bearing by a thick film of lubricant. Without shaft to bearing contact, bearing service life is nearly infinite. This condition is rarely—if ever—achieved with a wood plane bearing.
- **Mixed film** lubrication combines both other modes. Pools of self-pressurized lubricant accept part of the load while very thin films take the rest.

Light Duty Roll End Bearings





1 1/4" Thru 2 1/2" Tubing-pipe O.D.

ID specify shaft diameter in part number (ex: $\frac{1}{2}$, $\frac{3}{4}$, etc.)

Add "M" to end of part number if application is wet or moist, or "D" if the application is dry.

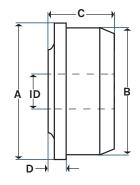
CUSTOM SIZES AVAILABLE UPON REQUEST

A full line of conveyor roll end bearings, including standard and light duty bearings, for any standard pipe or tubing from ½" 20 gauge tube through 6", schedule-40 pipe are also available. Non-standard pipes can also be accommodated.

Part No.	A = Tubing / Pipe OD	Tubing / Pipe Gauge	B = Tubing / Pipe ID	Tubing / Pipe Wall	C = Overall Length	D = Flange + Boss
1020WL 1018WL 1016WL	1 1/4"	20 18 16	1.180 1.152 1.120	0.035 0.049 0.065	3/4"	³ /16"
8P4WL	1.315 (1" PIPE)	SCH40	1.049	0.133	3/4"	3/16"
1118WL 1116WL	1 ³ /8"	18 16	1.277 1.245	0.049 0.065	3/4"	³ / ₁₆ "
1220WL 1218WL 1216WL	1 1/2"	20 18 16	1.430 1.402 1.370	0.035 0.049 0.065	1"	1/4"
10EMWL	1.510 (1 1/4" EMT)	EMT	1.380	0.065	1"	1/4"
1320WL 1318WL	1 5/8"	20 18	1.555 1.527	0.035 0.049	1"	1/4"
12EMWL	1.740 (1 ½" EMT)	EMT	1.610	0.065	1"	1/4"
1420WL 1418WL 1416WL	1 ³ / ₄ "	20 18 16	1.680 1.652 1.620	0.035 0.049 0.065	1"	1/4"
1520WL 1518WL 1516WL	1 ⁷ /8"	20 18 16	1.805 1.777 1.745	0.035 0.049 0.065	1"	1/4"
12P4WL	1.900 (1 ½" PIPE)	SCH 40	1.610	0.145	1"	1/4"
12P8WL		SCH 80	1.500	0.200	1"	1/4"
1620WL 1618WL 1616WL	2"	20 18 16	1.930 1.902 1.870	0.035 0.049 0.065	1"	1/4"
16EMWL	2.197" (2" EMT)	EMT	2.067	0.065	1"	1/4"
1820WL 1818WL 1816WL	2 1/4"	20 18 16	2.180 2.152 2.120	0.035 0.049 0.065	1"	1/4"
2020WL 2018WL 2016WL	2 ½"	20 18 16	2.430 2.402 2.307	0.035 0.049 0.065	1"	1/4"

Standard Duty Roll End Bearings





1 3/8" Thru 4" Tubing-pipe O.D.

ID specify shaft diameter in part number (ex: $\frac{1}{2}$, $\frac{3}{4}$, etc.)

Add "M" to end of part number if application is wet or moist, or "D" if the application is dry.

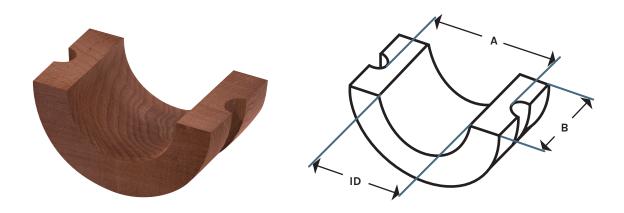
CUSTOM SIZES AVAILABLE UPON REQUEST

A full line of conveyor roll end bearings, including standard and light duty, for any standard pipe or tubing from ½" 20 gauge tube through 6", schedule-40 pipe are also available. Non-standard pipes can also be accommodated.

Part No.	A = Tubing / Pipe OD	Tubing / Pipe Gauge	B = Tubing / Pipe ID	Tubing / Pipe Wall	C = Overall Length	D = Flange + Boss
1118WR 1116WR	1 ³ /8"	18 16	1.277 1.245	0.049 0.065	1 1/4"	1/4"
1218WR 1216WR 1214WR	11/2"	18 16 14	1.402 1.370 1.334	0.049 0.065 0.083	1 ½"	1/4"
10EMWR	1.510 (1 1/4" EMT)	EMT	1.380	0.065	1 1/2"	1/4"
1316WR 1311WR	1 ⁵ /8"	16 11	1.495 1.385	0.065 0.120	1 1/2"	1/4"
10P4WR	1.660 (1 1/4" PIPE)	SCH 40	1.380	0.140	1 1/2"	1/4"
12EMWR	1.740 (1 ½" EMT)	EMT	1.610	0.065	1 1/2"	1/4"
1416WR 1414WR 1413WR 1411WR	1 ³ / ₄ "	16 14 13 11	1.620 1.584 1.560 1.510	0.065 0.083 0.095 0.120	1 ½"	1/4"
1516WR 1513WR	1 7/8"	16 13	1.745 1.685	0.065 0.095	1 1/2"	1/4"
12P4WR 12P8WR	1.900 (1 ½" PIPE)	SCH 40 SCH 80	1.610 1.500	0.145 0.200	1 1/2"	1/4"
1618WR 1616WR 1614WR 1613WR 1611WR	2"	18 16 14 13 11	1.902 1.870 1.834 1.810 1.760	0.049 0.065 0.083 0.095 0.120	1 5/8"	3/8"
16EMWR	2.197 (2" EMT)	EMT	2.067	0.065	1 ⁵ /8"	3/8"
1818WR 1816WR 1814WR 1813WR 1811WR 1810WR	2 1/4"	18 16 14 13 11	2.152 2.120 2.084 2.060 2.010 1.982	0.049 0.065 0.083 0.095 0.120 0.134	1 ⁵ /8"	3/8"
1916WR 1913WR 1911WR	2 3/8"	16 13 11	2.245 2.185 2.135	0.065 0.095 0.120	1 ⁵ /8"	3/8"
16P4WR 16P8WR	2.375 (2" PIPE)	SCH 40 SCH 80	2.067 1.939	0.154 0.218	1 5/8"	3/8"
2016WR 2014WR 2013WR 2011WR 2010WR	2 1/2"	16 14 13 11 10	2.370 2.334 2.310 2.260 2.232	0.065 0.083 0.095 0.120 0.134	1 ⁵ /8"	3/8"
2216WR 2213WR 2211WR	2 3/4"	16 13 11	2.620 2.560 2.510	0.065 0.083 0.120	1 ⁵ /8"	3/8"
20P4WR	2.875 (3" PIPE)	SCH 40	2.469	0.203	1 ⁵ /8"	3/8"

Part No.	A = Tubing / Pipe OD	Tubing / Pipe Gauge	B = Tubing / Pipe ID	Tubing / Pipe Wall	C = Overall Length	D = Flange + Boss
2416WR 2414WR 2413WR 2411WR	3"	16 14 13 11	2.870 2.834 2.810 2.760	0.065 0.083 0.095 0.120	1 3/4"	3/8"
2616WR 2613WR	3 1/4"	16 13	3.120 3.060	0.065 0.095	1 3/4"	3/8"
24P4WR 24P8WR	3.500 (3" PIPE)	SCH 40 SCH 80	3.068 2.900	0.216 0.300	1 3/4"	3/8"
2816WR 2813WR 2811WR	3 1/2"	16 13 11	3.370 3.310 3.260	0.065 0.095 0.120	1 ³ / ₄ "	3/8"
3016WR 3011WR	3 3/4"	16 11	3.620 3.510	0.065 0.120	1 3/4"	3/8"
28P4WR	4.000 (3 ½" PIPE)	SCH 40	3.548	0.226	1 3/4"	3/8"
3216WR 3214WR 3213WR 3211WR	4"	16 14 13 11	3.870 3.834 3.810 3.760	0.065 0.083 0.095 0.120	1 3/4"	3/8"

Screw Conveyor Hanger Bearings: Type-18B



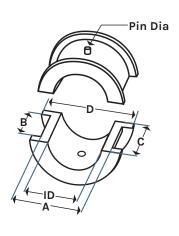
SCREW CONVEYOR HANGER BEARINGS: TYPE-18B

Fits hanger styles 18B, 19B, 17 & 40. **Custom sizes available upon request.**

Part No.	ID	A	В
WX1000-18B	1"	11/2"	1 7/16"
WX1506-18B (6" TROUGH)	11/2"	2"	1 ¹⁵ / ₁₆ "
WX1509-18B (9" TROUGH)	11/2"	2 3/8"	1 ¹⁵ / ₁₆ "
WX2000-18B	2"	3"	1 ¹⁵ ⁄ ₁₆ "
WX2716-18B	2 7/16"	3 11/16"	2 ¹⁵ / ₁₆ "
WX3000-18B	3"	4 1/8"	2 ¹⁵ / ₁₆ "
WX3716-18B	3 7/16"	4 ¹¹ / ₁₆ "	3 ¹⁵ /16"

Screw Conveyor Hanger Bearings: Type-226/216



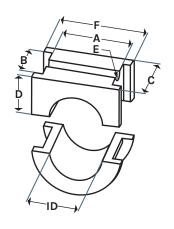


SCREW CONVEYOR HANGER BEARINGS: TYPE-226

Fits hanger styles 226, 220, 326, 20B, 26B, 28B. **Custom sizes available upon request.**

Part No.	ID	A	В	С	D
WX1000-26	1"	1 1/2"	1 1/16"	1 ⁷ /16"	1 7/8"
WX1250-226	1 1/4"	2 1/8"	1 ⁹ /16"	1 15/16"	2 1/2"
WX1500-226	1 1/2"	2 1/8"	1 ⁹ /16"	1 15/16"	2 1/2"
1X2000-226	2"	2 3/4"	1 ⁹ /16"	1 15/16"	3 1/8"
WX2716-226	2 7/16"	3 1/4"	2 3/8"	2 ¹⁵ / ₁₆ "	3 3/4"
WX3000-226	3"	4"	2 3/8"	2 ¹⁵ / ₁₆ "	4 1/2"
WX3716-226	3 7/16"	4 ³ / ₄ "	3 1/8"	3 15/16"	5 1/2"



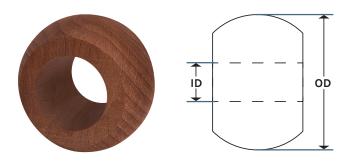


SCREW CONVEYOR HANGER BEARINGS: TYPE-216

Fits hanger styles 216, 230, 316, 16B & 21F. **Custom sizes available upon request.**

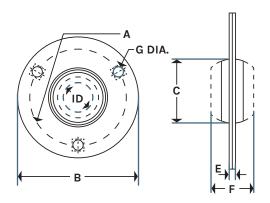
Part No.	ID	Α	В	С	D	E (Dia.)	F
WX1000-216	1"	1 9/16"	1 1/8"	1 7/16"	1"	7/16"	2"
WX1500-216	1 1/2"	2 1/4"	1 ³ /8"	1 ¹⁵ / ₁₆ "	1 ³ /8"	1 ³ /8"	2 3/4"
WX2000-216	2"	3 1/4"	1 ⁵ /8"	1 ¹⁵ / ₁₆ "	1 ⁵ /8"	1 ⁵ /8"	3 3/4"
WX2716-216	2 7/16"	4"	2 3/8"	2 15/16"	2 1/8"	2 1/8"	4 1/2"
WX3000-216	3"	4 1/2"	2 1/8"	2 ¹⁵ / ₁₆ "	2 1/4"	2 1/4"	5"
WX3716-216	3 7/16"	4 ⁷ /8"	2 11/16"	3 ¹⁵ /16"	2 ⁷ /16"	2 7/16"	5 ½"

Spherical Bearings



SOLID SPHERICAL BEARINGS

Part No.	ID Range	Sphere OD
WA27 -†‡	½" to 1"	1 ¹¹ /16"
WA32 -†‡	³ / ₄ " to 1 ¹ / ₄ "	2"
WA40 -†‡	1" to 1 ³ / ₄ "	2 1/2"
WA40m -†‡	½" to ½"	40mm (1.575")
WA47m -†‡	³ / ₄ " to 1"	47mm (1.850")
WA52m -†‡	13/16" to 1 ½"	52mm (2.047")
WA62m -†‡	1 ½16" to 1 ½"	62mm (2.441")
WA72m -†‡	1 1/4" to 2"	72mm (2.835"
WA80m -†‡	1½" to 1½"	80mm (3.150")
WA85m -†‡	1 ⁵ /8" to 2"	85mm (3.346")
WA90m -†‡	1 13/16" to 2 1/4"	90mm (3.543")
WA100 -†‡	2" to 2 ½"	100mm (3.937")



REPLACEMENT SPHERICAL BEARINGS

† Specify shaft Diameter expressed in 16ths (Ex: $\frac{1}{2}$ = 8, $\frac{3}{4}$ = 12, etc.)

‡ Add "M" to end of part number if application is wet or moist, or "D" if the application is dry.

SPLIT SPHERICAL BEARINGS

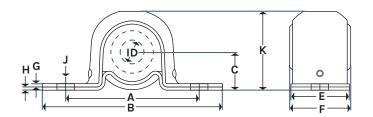
Part No.	ID Range	Sphere OD
WAS27 -†‡	½" to 1"	1 ¹¹ /16"
WAS32 -†‡	3/4" to 1 1/4"	2"
WAS40 -†‡	1" to 1 ³ / ₄ "	2 1/2"
WAS40m -†‡	½" to ½"	40mm (1.575")
WAS47m -†‡	³ / ₄ " to 1"	47mm (1.850")
WAS52m -†‡	13/16" to 1 1/8"	52mm (2.047")
WAS62m -†‡	1 ½16" to 1 ½"	62mm (2.441")
WAS72m -†‡	1 1/4" to 2"	72mm (2.835"
WAS80m -†‡	1½" to 1½"	80mm (3.150")
WAS85m -†‡	1 ⁵ /8" to 2"	85mm (3.346")
WAS90m -†‡	1 ¹³ / ₁₆ " to 2 ¹ / ₄ "	90mm (3.543")
WAS100 -†‡	2" to 2 ½"	100mm (3.937")

CENTER FLANGE MOUNTED SPHERICAL BEARINGS

† Specify shaft Diameter expressed in 16ths (Ex: $\frac{1}{2}$ = 8, $\frac{3}{4}$ = 12, etc.)

‡ Add "M" to end of part number if application is wet or moist, or "D" if the application is dry.

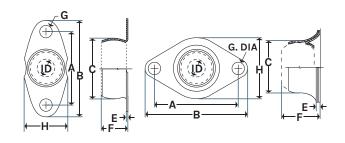
Part No.	A	В	С	E	F	G	Sphere OD	ID Range
CKW -†‡	1 3/4"	2 ³ /8"	1 1/8"	1/8"	1/2"	¹⁷ / ₆₄ " Rd.	1"	1/4" to 5/8"
CBW -†‡	2 3/4"	3 1/2"	1 ¹³ /16"	1/8"	1 1/4"	⁹ ∕32" Rd.	11/16"	½" to 1"
EEW -†‡	3"	2 ³ / ₁₆ "	2 ³ / ₁₆ "	5/32"	1 1/2"	¹¹∕₃₂" Sq.	2"	3/4" to 1 1/4"
EFW -†‡	3 ⁹ /16"	2 11/16"	2 11/16"	5/32"	1 3/4"	¹³ / ₃₂ " Sq.	2 1/2"	1" to 1 ³ / ₄ "



PILLOW BLOCK MOUNTED SPHERICAL BEARINGS

- † Specify shaft Diameter expressed in 16ths (Ex: $\frac{1}{2}$ = 8, $\frac{3}{4}$ = 12, etc.)
- ‡ Add "M" to end of part number if application is wet or moist, or "D" if the application is dry.

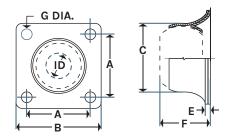
Part No.	Mount Weight	A	В	С	E	F	G	н	J (Slot)	K	Sphere OD	ID Range
BDW -†‡	Miniature	1 3/4"	2 15/16"	9/16"	⁷ / ₁₆ "	⁷ / ₁₆ "	⁷ / ₁₆ "	⁷ /16"	¹⁷ / ₆₄ " X ⁵ / ₁₆ "	1 ½"	1"	1/4" to 5/8"
BBW -†‡	Standard	2 7/8"	3 5/16"	29/32"	1 1/8"	1 1/8"	1 1/8"	1 ½"	²¹ / ₆₄ " X ²¹ / ₃₂ "	1 ³ / ₄ "	1 11/16"	½" to 1"
BCW -†‡	Standard	3 1/4"	4 9/16"	1 ½16"	1 ⁵ /16"	1 ⁵ /16"	1 ⁵ /16"	1 ⁵ /16"	²⁵ / ₆₄ " X ⁵ / ₈ "	2 1/16"	2"	3/4" to 1 1/4"
BEW -†‡	Heavy	2 31/32"	4 1/32"	¹⁵ / ₁₆ "	1 ½"	1 ½"	1 ½"	1 ½"	²¹ / ₆₄ " X ²¹ / ₃₂ "	1 ¹³ /16"	1 11/16"	½" to 1"
BFW -†‡	Heavy	3 ²¹ / ₆₄ "	4 ⁵ / ₈ "	1 ³ / ₃₂ "	1 ⁵ /16"	1 ⁵ /16"	1 ⁵ /16"	1 ⁵ /16"	²⁵ / ₆₄ " X ¹⁹ / ₃₂ "	2 1/8"	2"	3/4" to 1 1/4"
BKW -†‡	Extra Heavy	3 7/8"	5 1/16"	1 ¹¹ /32"	1 7/16"	1 ⁷ /16"	1 7/16"	1 7/16"	²¹ / ₆₄ " X ⁵ / ₃₂ "	2 11/16"	2 1/2"	1" to 1 ³ / ₄ "



2-BOLT SIDE FLANGE MOUNTED SPHERICAL BEARINGS

- † Specify shaft Diameter expressed in 16ths (Ex: $\frac{1}{2}$ = 8, $\frac{3}{4}$ = 12, etc.)
- ‡ Add "M" to end of part number if application is wet or moist, or "D" if the application is dry.

Part No.	A	В	С	E	F	G	н	Sphere OD	ID Range
FMW -†‡	1 3/4"	2 ⁵ /16"	1 1/8"	1/16"	9/16"	9/32"	1 ½"	1"	1/4" to 5/8"
FAW -†‡	2 3/4"	1 ¹³ / ₁₆ "	1 ¹³ / ₁₆ "	1/8"	1 ¹¹ /32"	21/64"	2 7/16"	2 7/16"	½" to 1"
FBW -†‡	3 9/32"	2 ⁵ / ₃₂ "	2 ⁵ / ₃₂ "	9/64"	1 ⁹ / ₁₆ "	13/24"	2 3/4"	2 3/4"	3/4" to 1 1/4"



4-BOLT SIDE FLANGE MOUNTED SPHERICAL BEARINGS

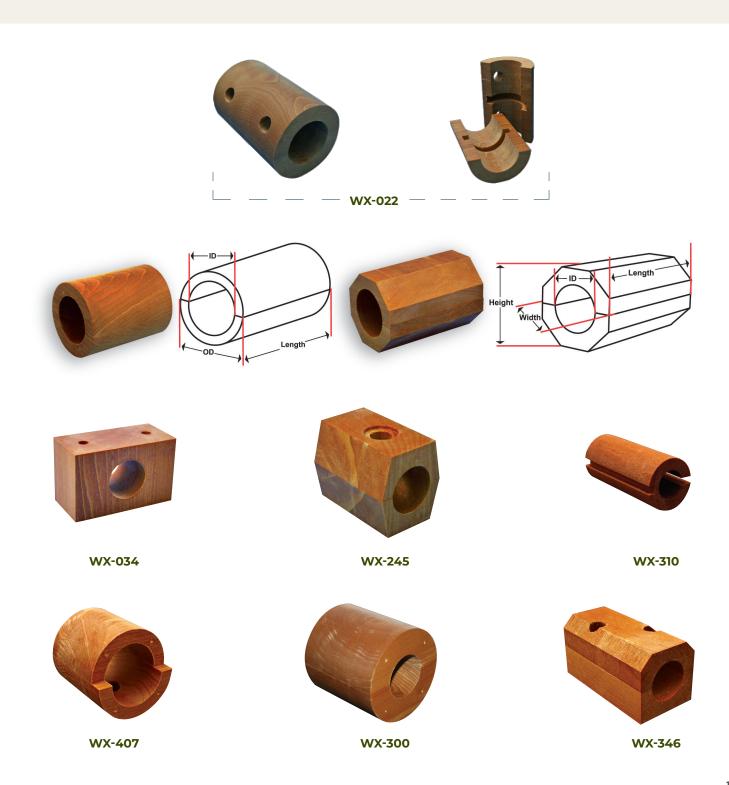
- † Specify shaft Diameter expressed in 16ths (Ex: $\frac{1}{2}$ = 8, $\frac{3}{4}$ = 12, etc.)
- ‡ Add "M" to end of part number if application is wet or moist, or "D" if the application is dry.

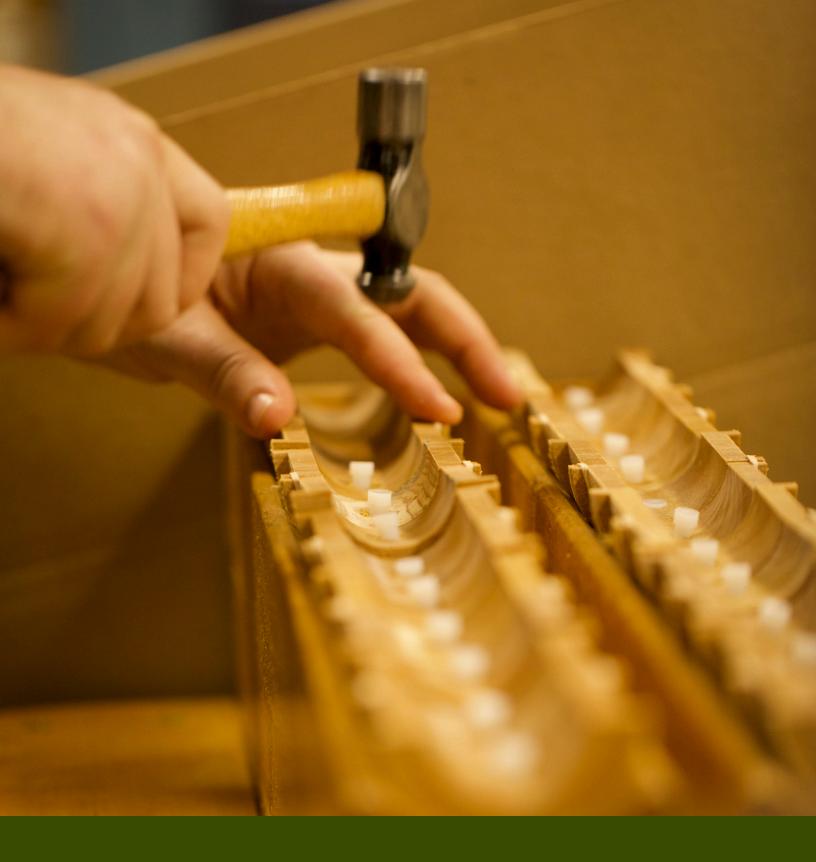
Part No.	A	В	С	Е	F	G	Sphere OD	ID Range
FDW -†‡	1 ⁵ / ₁₆ "	2 7/16"	1 ¹³ /16"	1/8"	1 ¹³ /32"	17/64"	1 ¹¹ / ₁₆ "	½" to 1"
FEW -†‡	2 ⁵ / ₁₆ "	3"	2 ⁵ / ₃₂ "	9/64"	1 9/16"	13/32"	2"	3/4" to 1 1/4"
FFW -†‡	2 3/4"	3 5/8"	2 ¹¹ / ₁₆ "	11/64"	1 ¹³ / ₁₆ "	13/32"	2 1/2"	1" to 1 ³ / ₄ "

Replacement wood bearings for Ferguson and other Disc Harrows

Our part number WX-022 is a direct replacement for Ferguson harrow parts 662 155 M1 and 662 156 M1 (or A-BO-5580-B and A-BO-5581-B). The Ferguson bearings were furnished as either top or bottom sections; WX-022 is a single set of (1) top and (1) bottom. These bearings fit the Ferguson ABO21 (trailed) tandem disc harrow, which is also known as the Ford/ Dearborn Series C tandem disc, and the Ferguson ABO-22 three-point tandem disc - also known as the Massey Harris or Massey Ferguson 22 lift-type disc. WX-022 also replaces the Ford/Dearborn Series C (Pull-Type) models 11-12, 11-12B, 11-13, 11-14, 11-14B, and 11-15 as well as Series D (Lift-Type) models 11-59, 11-60, 11-60B, 11-61 and 11-62.

Woodex also manufactures custom, odd shaped bearings for other applications. The illustration below shows sample measurements. Examples of custom bearings we've made in the past are shown below.







To learn more and to find out if our bearings are the right product for you, please give us a call, or submit an online application today!

THE USA

