



## Spherical Plain Bearings

ELGES double-sealed, spherical plain bearings support high radial loads with shocks that would damage rolling element bearings. Transmit motion and loads, but allow pivoting to prevent stress on adjacent structure. Suitable for supporting hydraulic cylinder connections to structures that can warp or twist. Maintenance type has lubrication holes and grooves on inner and outer components allowing grease to be pumped through the shaft or housing.



4ZZT9

Bore (mm)	Outside Dia. (mm)	Width (mm)	MAINTENANCE TYPE			MAINTENANCE-FREE TYPE				
			Dynamic Load Cap. (N)	Static Load Cap. (N)	Mfr. Model	Item No.	Dynamic Load Cap. (N)	Static Load Cap. (N)	Mfr. Model	Item No.
17	30 mm	14 mm	21,200 N	106,000 N	GE17-DO-2RS	4ZZT9	48,700 N	81,200 N	GE17-UK-2RS	4ZZU1
20	35 mm	16 mm	30,000 N	146,000 N	GE20-DO-2RS	4ZZU2	67,500 N	112,000 N	GE20-UK-2RS	4ZZU3
25	42 mm	20 mm	48,000 N	240,000 N	GE25-DO-2RS	4ZZU4	127,000 N	212,000 N	GE25-UK-2RS	4ZZU5
30	47 mm	22 mm	62,000 N	310,000 N	GE30-DO-2RS	4ZZU6	165,000 N	275,000 N	GE30-UK-2RS	4ZZU7
35	55 mm	25 mm	—	—	—	—	210,000 N	350,000 N	GE35-UK-2RS	4ZZU9
40	62 mm	28 mm	100,000 N	500,000 N	GE40-DO-2RS	4ZZV1	277,000 N	462,000 N	GE40-UK-2RS	4ZZV2
45	68 mm	32 mm	—	—	—	—	360,000 N	600,000 N	GE45-UK-2RS	4ZZV3
50	75 mm	35 mm	156,000 N	780,000 N	GE50-DO-2RS	4ZZV4	442,000 N	737,000 N	GE50-UK-2RS	4ZZV5
60	90 mm	44 mm	245,000 N	1,220,000 N	GE60-DO-2RS	4ZZV6	690,000 N	1,150,000 N	GE60-UK-2RS	4ZZV7
70	105 mm	49 mm	315,000 N	1,560,000 N	GE70-DO-2RS	4ZZV8	885,000 N	1,475,000 N	GE70-UK-2RS	4ZZV9



6L100

## Steel Reducer Bushings

■ Pkg. qty. 3

Instantly adapt larger bores of various tools (pulleys, gears, sprockets) to smaller dia. shafts. Galvanized steel. 3/16" open slot for keyway and setscrew.

Inside Dia.	Outside Dia.	L	Item No.
1/4 in	3/8 in	1 in	6L100
3/8 in	1/2 in	1 1/8 in	6L101
1/2 in	5/8 in	1 1/4 in	6L102
5/8 in	3/4 in	1 1/2 in	6L103
3/4 in	7/8 in	1 in	4X664
7/8 in	1 in	1 1/4 in	2X773
1 in	1 1/8 in	1 1/2 in	2X774
1 1/8 in	1 1/4 in	1 3/4 in	2X775
1 1/4 in	1 1/2 in	1 5/8 in	2X653



1X868



1X968



## Bronze Sleeve Bearings/Bushings

- Maximum PV: 50,000.
- Temperature range: -5° to 220°F.

Oil-impregnated and self-lubricating bearings are high-quality sintered bronze alloy.

Inside Dia.	Outside Dia.	L	Item No.
1/4 in	5/8 in	3/4 in	2X355
1/4 in	3/4 in	1/2 in	3ZM99
1/4 in	3/8 in	1 in	2X380
3/8 in	1/2 in	1/2 in	3ZM01
3/8 in	1/2 in	1 in	1X871
1/2 in	5/8 in	5/8 in	3ZM02
1/2 in	5/8 in	1 1/8 in	1X868
1/2 in	1 1/8 in	1 1/8 in	1X866
1/2 in	3/4 in	1 1/8 in	1X870
5/8 in	3/4 in	1 in	1X867
5/8 in	3/4 in	1 1/8 in	1X869
3/4 in	1 in	1 1/8 in	1X872
5/8 in	3/4 in	1 1/8 in	1X968

56-Pc. Bronze Sleeve Bearing Kit

Kit No. 1X968 Contains:			
Qty.	Inside Dia.	Outside Dia.	L
10	1/4"	5/8"	3/4"
5	1/4"	3/8"	1"
5	3/8"	1/2"	1"
12	1/2"	5/8"	1 1/8"
5	1/2"	1 1/8"	1 1/8"
5	1/2"	3/4"	1 1/8"
5	5/8"	3/4"	1"
5	5/8"	3/4"	1 1/8"
4	3/4"	1"	1 1/8"



3ZN23

## UHMW-PE Sleeve Bearings

- Max. PV: 3000
- Temp. range: -60° to 180°F

UHMW-PE (ultra-high molecular weight polyethylene) provides excellent durability and low friction. Self-lubricating bearings. Great for applications involving slow rotational or linear motion. White color. USDA/FDA approved.

Inside Dia.	Outside Dia.	L	Item No.
1/4 in	3/8 in	1/2 in	3ZN23
3/8 in	1/2 in	1/2 in	3ZN24
1/2 in	5/8 in	1 in	3ZN20
1/2 in	3/4 in	1 in	3ZN21
5/8 in	3/4 in	3/4 in	3ZN22
3/4 in	1 in	1 in	3ZN18
1 in	1 1/4 in	1 in	3ZN19

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