

ADVANCED ELASTOMER (AE)

Capacities to 1,200 lbs.



Standard Features

- **Composition** - Custom compound urethane elastomer
- **Hardness** - 65 to 68 Shore D
- **Temperature Range Of** -50° to 212°F
- **Will not flat spot**
- **Low Rolling Resistance**
- **Excellent Abrasion Resistance**



AE62B-08



AE4B-06

APPLICATIONS:
Advanced elastomer offers the highest abrasion resistance, maximum impact strength, and lowest possible rolling resistance. Withstands nearly all chemicals, greases, oils, solvents, and other compounds. No chance of tread separation caused by bond failure.

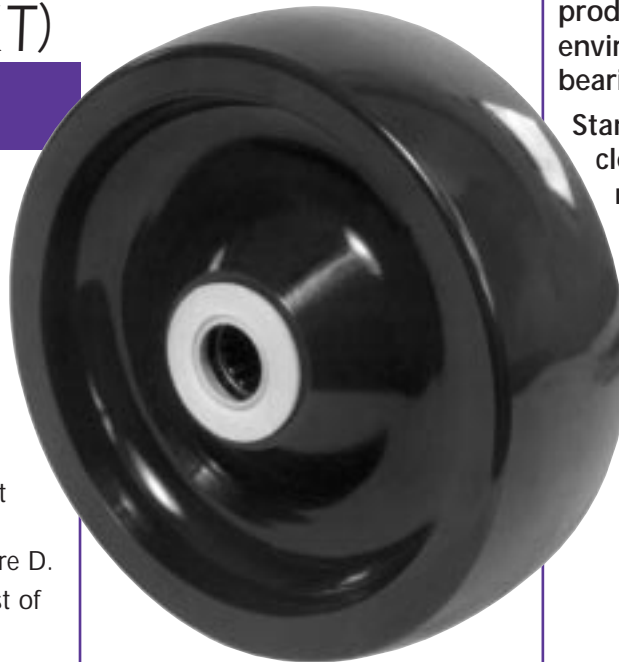
Diam. Inches (mm)	Face Inches (mm)	Hub Length Inches (mm)	Load Capacity lbs. (KGS)	Roller Bearing		Delrin Bushing		Ball Bearing		Precision Ball Brg.	
				Part No.	Sizes	Part No.	Sizes	Part No.	Sizes	Part No.	Sizes
3 (76)	1 1/4 (32)	1 7/16 (37)	400 (182)	-	-	AE3D-06	3/8	AE3B-06	3/8	-	-
	2 (50)	2 3/16 (56)	800 (410)	AE32R-12	3/4	-	1/2, 5/8, 3/4	AE32B-08	1/2	AE32P-08	1/2
3 1/2 (89)	1 1/4 (32)	1 7/16 (37)	400 (182)	-	-	AE35D-06	3/8	AE35B-06	3/8	-	-
4 (102)	1 1/4 (32)	1 7/16 (37)	400 (182)	-	-	AE4D-06	3/8	AE4B-06	3/8	-	-
	1 3/8 (35)	1 3/4 (44)	600 (273)	AE41R-08	3/8, 1/2	-	-	-	-	AE41P-08	3/8, 1/2
	2 (50)	2 3/16 (56)	1000 (450)	AE42R-12	3/4	AE42D-12	1/2, 5/8, 3/4	AE42B-08	1/2	AE42P-08	1/2
5 (127)	1 1/4 (32)	1 7/16 (37)	400 (182)	-	-	AE5D-06	3/8	AE5B-06	3/8	-	-
	1 3/8 (35)	1 3/4 (44)	600 (273)	AE51R-08	3/8, 1/2	-	-	-	-	AE51P-08	3/8, 1/2
	2 (50)	2 3/16 (56)	1000 (450)	AE52R-12	3/4	AE52D-12	1/2, 5/8, 3/4	AE52B-08	1/2	AE52P-08	1/2
6 (152)	1 3/8 (35)	1 3/4 (44)	600 (273)	AE61R-08	3/8, 1/2	-	-	-	-	AE61P-08	3/8, 1/2
	2 (50)	2 3/16 (56)	1000 (450)	AE62R-12	3/4	AE62D-12	1/2, 5/8, 3/4	AE62B-08	1/2	AE62P-08	1/2
8 (203)	2 (50)	2 3/16 (56)	1200 (545)	AE82R-12	3/4	AE82D-12	1/2, 5/8, 3/4	AE82B-08	1/2	AE82P-08	1/2

SOLID URETHANE (KT)

Capacities to 1,500 lbs.

Standard Features

- **Composition** - Constructed from the highest quality polyether polyurethane
- **Solid Cast Construction** - Eliminates tread separation or bond failure
- **Impact Resistance** - Highest of any floor protective wheel
- **Abrasion Resistance** - Highest of any floor protective wheel
- **Tread Hardness** - 55 dur. shore D.
- **Chemical Resistance** - Highest of any floor protective wheel
- **Temperature Range Of** -50° to 230°F
- **Nylon Sealed Washers** - On all roller bearing wheels



KT62R-12

APPLICATIONS:
A proven, and often preferred product in food processing, environments (with delrin bearings).

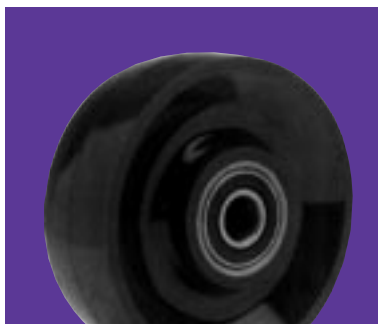
Stands up to frequent steam cleaning, exposure to moisture, and temperature variances.



KT514P-08

Dia. Inches (mm)	Face Inches (mm)	Hub Length Inches (mm)	Load Capacity lbs. (KGS)	Wt. lbs. (KGS)	Plain Bore or Bore Less Roller Bearing		Roller Bearing		Delrin Bearing	
					Part No.	Sizes	Part No.	Sizes	Part No.	Sizes
3 (76)	1 1/4 (32)	1 9/16 (40)	300 (135)	0.3 (.14)	KT314P-08	1/2	—	—	—	—
4 (102)	1 1/4 (32)	1 9/16 (40)	500 (225)	0.5 (.22)	KT414P-08	1/2	—	—	—	—
	2 (50)	2 3/16 (56)	700 (315)	1.2 (.54)	KT42-19	1 3/16	KT42R-12	3/4	KT42D-12	1/2, 5/8, 3/4
5 (127)	1 1/4 (32)	1 9/16 (40)	700 (315)	0.9 (.4)	KT514P-08	1/2	—	—	—	—
	2 (50)	2 3/16 (56)	1000 (450)	1.6 (.72)	KT52-19	1 3/16	KT52R-12	3/4	KT52D-12	1/2, 5/8, 3/4
6 (152)	2 (50)	2 3/16 (56)	1200 (540)	1.8 (.8)	KT62-19	1 3/16	KT62R-12	3/4	KT62D-12	1/2, 5/8, 3/4
8 (203)	2 (50)	2 3/16 (56)	1500 (675)	2.6 (1.2)	KT82-19	1 3/16	KT82R-12	3/4	KT82D-12	1/2, 5/8, 3/4

Note: Standard bearing size is called out in last two digits of part number in sixteenths (ie. KT62R-12 = 3/4" bearing, KT62R-10 = 5/8" bearing). For smaller bore refer to spanner bushings in component parts selection (page 102).



SKT825B-12

Precision ball bearings seated in Machined Steel Core. Supplied with bushings.

PRECISION BALL BEARING						
Dia. Inches (mm)	Face Inches (mm)	Hub Length Inches (mm)	Load Capacity lbs. (KGS)	Wt. lbs. (KGS)	Part No.	Sizes
6 (152)	2 (50)	2 1/4 (57)	1200 (545)	2.0 (.91)	SKT62B-08	20mm (Bushed to 1/2)
	2 1/2 (60)	2 3/4 (70)	1620 (736)	3.0 (1.4)	SKT625B-12	1" (Bushed to 3/4)
	3 (76)	3 1/4 (83)	2000 (900)	4.2 (2.0)	SKT63B-12	1" (Bushed to 3/4)
8 (203)	2 (50)	2 1/4 (83)	1500 (675)	3.0 (1.4)	SKT82B-08	20mm (Bushed to 1/2)
	2 1/2 (60)	3 1/4 (83)	2000 (900)	4.9 (2.2)	SKT825B-12	1" (Bushed to 3/4)
	3 (76)	3 1/4 (83)	2500 (1125)	5.2 (2.4)	SKT83B-12	1" (Bushed to 3/4)
10 (254)	2 1/2 (60)	2 3/4 (70)	2000 (900)	6.3 (2.9)	SKT1025B-12	1" (Bushed to 3/4)
	3 (76)	3 1/4 (83)	3000 (1350)	6.8 (3.1)	SKT103B-12	1" (Bushed to 3/4)
12	3 (76)	3 1/4 (83)	3400 (1545)	8.0 (3.6)	SKT123B-12	1" (Bushed to 3/4)

POLYOLEFIN (BLACK & WHITE) (PB/PW)

Capacities to 800 lbs.

Standard Features

- **Composition** - Injection molded polyolefin
- **Floor Protective**
- **Resistant To Water, Solvents, Grease, And Mild Acids**
- **Temperature Range Of -20° to 230°F**
- **FDA Approved**
- **Nylon Sealed Washers** - On all roller bearing wheels

Optional Features

- **White Polyolefin** - (Change prefix PB to PW)



PB62R-12



PW62D-12

APPLICATIONS:

Used in food processing environments. White color allows identification of contaminants during steam cleaning. Material will not absorb water and is unaffected by blood and animal fats.

Its low cost and good load carrying characteristics also make polyolefin a popular material for general warehouse applications of all types.



PB514P-08

Dia. Inches (mm)	Face Inches (mm)	Hub Length Inches (mm)	Load Capacity lbs. (KGS)	Wt. lbs. (KGS)	Plain Bore or Bore Less Roller Bearing		Roller Bearing		Delrin Bearing	
					Part No.	Sizes	Part No.	Sizes	Part No.	Sizes
2 1/2 (60)	13/16 (21)	1 5/32 (29)	90 (40.5)	0.2 (1)	PB210P-04	1/4	—	—	—	—
	1 1/8 (28)	1 3/8 (35)	200 (90)	0.2 (1)	PB25P-05	5/16, 3/8, 1/2	—	—	—	—
3 (76)	13/16 (21)	1 5/32 (29)	100 (45)	0.3 (1)	PB310P-04	1/4	—	—	—	—
	1 1/4 (32)	1 9/16 (40)	270 (121)	0.5 (2)	PB314P-08	3/8, 1/2	—	—	—	—
3 1/2 (89)	1 1/4 (32)	1 9/16 (40)	270 (121)	0.5 (2)	PB35P-06	3/8, 1/2	—	—	—	—
4 (102)	3/16 (21)	1 5/32 (29)	125 (56)	0.3 (1)	PB410P-04	1/4	—	—	—	—
	1 1/4 (32)	1 9/16 (40)	275 (124)	0.5 (2)	PB414P-06	3/8, 1/2	—	—	—	—
	1 1/2 (38)	1 5/8 (41)	400 (180)	0.75 (4)	PB41-19	3/8, 1/2, 5/8, 1 3/16	PB41R-12	1/2, 5/8, 3/4	PB41D-12	1/2, 5/8, 3/4
	2 (50)	2 3/16 (56)	450 (203)	1.0 (45)	PB42-19	1/2, 5/8, 3/4, 1 3/16	PB42R-12	1/2, 5/8, 3/4	PB42D-12	1/2, 5/8, 3/4
5 (127)	15/16 (24)	1 5/32 (29)	135 (61)	0.3 (1)	PB510P-05	5/16	—	—	—	—
	1 3/8 (35)	1 1/2 (38)	275 (124)	0.5 (2)	PB514P-08	3/8, 1/2	—	—	—	—
	1 1/2 (38)	1 5/8 (41)	450 (203)	1.0 (45)	PB51-19	3/8, 1/2, 5/8, 1 3/16	PB51R-12	1/2, 5/8, 3/4	PB51D-12	1/2, 5/8, 3/4
	2 (50)	2 3/16 (56)	650 (292)	1.25 (6)	PB52-19	1/2, 5/8, 3/4, 1 3/16	PB52R-12	1/2, 5/8, 3/4	PB52D-12	1/2, 5/8, 3/4
6 (152)	1 1/2 (38)	1 5/8 (41)	450 (203)	1.0 (45)	PB61-19	3/8, 1/2, 5/8, 3/4, 1 3/16	PB61R-12	1/2, 5/8, 3/4	PB61D-12	1/2, 5/8, 3/4
	2 (50)	2 3/16 (56)	700 (315)	1.5 (7)	PB62-19	1/2, 5/8, 3/4, 1 3/16	PB62R-12	1/2, 5/8, 3/4	PB62D-12	1/2, 5/8, 3/4
8 (203)	2 (50)	2 3/16 (56)	800 (360)	1.75 (8)	PB82-19	1/2, 5/8, 3/4, 1 3/16	PB82R-12	1/2, 5/8, 3/4	PB82D-12	1/2, 5/8, 3/4

Note: Standard bearing size is called out in last two digits of part number in sixteenths (ie. PB62R-12 = 3/4" bearing, PB62R-10 = 5/8" bearing). For smaller bore refer to spanner bushings in component parts selection (page 102).

PHENOLIC (PH)

Capacities to 8,000 lbs.



PH62R-12

APPLICATIONS:

Combining high capacity and relatively low cost, phenolic wheels are among the most popular.

Suitable for a broad range of applications, they are used extensively in bakeries, smoke house operations, and food processing environments.



PH514R-08

Standard Features

- **Composition** - Phenolic resin compound molded with macerated canvas under extreme pressure
- **High Capacity Yet Floor Protective**
- **Resistant To Shock Or Impact**
- **Temperature Range Of 65° to 250°F (intermittent to 300°F)**
- **Resistant To Oils, Water, Mild Acids And Alkali Solutions**
- **Sealed Washers** - On all 1 1/2" and 2" wide wheels with roller bearing
- **Extremely Low Rolling Resistance**

Optional Features

- **Roller Bearing Seals** - (Suffix -SW)
- **Zerk Fittings** - (Suffix -ZF)
- **High Temperature Compound** - (change PH to HT, example: HT42R-12) for 475°F continuous or 525°F intermittent use

Dia. Inches (mm)	Face Inches (mm)	Hub Length Inches (mm)	Load Capacity lbs. (KGS)	Wt. lbs. (KGS)	Plain Bore or Bore Less Roller Bearing		Roller Bearing		Delrin Bearing	
					Part No.	Sizes	Part No.	Sizes	Part No.	Sizes
3 (76)	1 1/4 (32)	1 3/8 (35)	300 (135)	.5 (.20)	PH314P-06	—	PH314R-08	1/2	—	—
3 1/4 (83)	1 1/2 (38)	1 5/8 (41)	600 (270)	.7 (.30)	PH31-19	1 3/16	PH31R-12	1/2, 5/8, 3/4	PH31D-12	1/2, 5/8, 3/4
	2 (50)	2 3/16 (56)	600 (270)	.75 (.30)	PH32-19	1 3/16	PH32R-12	1/2, 5/8, 3/4	PH32D-12	1/2, 5/8, 3/4
3 1/2 (89)	1 1/4 (32)	1 3/8 (35)	300 (135)	.6 (.25)	PH35-17	1 1/16	PH35R-08	1/2	—	—
4 (102)	1 1/4 (32)	1 3/8 (35)	300 (135)	.75 (.35)	PH414-17	1 1/16	PH414R-08	1/2	—	—
	1 1/2 (38)	1 5/8 (41)	600 (270)	1.0 (.45)	PH41-19	1 3/16	PH41R-12	1/2, 5/8, 3/4	PH41D-12	1/2, 5/8, 3/4
	1 5/8 (41)	1 15/16 (49)	500 (225)	1.0 (.45)	—	—	PH415R-10	5/8	—	—
	2 (50)	2 3/16 (56)	800 (360)	1.5 (.70)	PH42-19	1 3/16	PH42R-12	1/2, 5/8, 3/4	PH42D-12	1/2, 5/8, 3/4
5 (127)	1 1/4 (32)	1 3/8 (35)	300 (135)	1.3 (.70)	PH514-17	1 1/16	PH514R-08	1/2	—	—
	1 1/2 (38)	1 5/8 (41)	600 (270)	1.5 (.70)	PH51-19	1 3/16	PH51R-12	1/2, 5/8, 3/4	PH51D-12	1/2, 5/8, 3/4
	2 (50)	2 3/16 (56)	1000 (450)	1.75 (.80)	PH52-19	1 3/16	PH52R-12	1/2, 5/8, 3/4	PH52D-12	1/2, 5/8, 3/4
6 (152)	1 1/2 (38)	1 5/8 (41)	800 (360)	1.5 (.70)	PH61-19	1 3/16	PH61R-12	1/2, 5/8, 3/4	PH61D-12	1/2, 5/8, 3/4
	2 (50)	2 3/16 (56)	1200 (540)	2.5 (1.1)	PH62-19	1 3/16	PH62R-12	1/2, 5/8, 3/4	PH62D-12	1/2, 5/8, 3/4
	2 1/2 (63)	2 3/4 (70)	1500 (675)	4.0 (1.8)	PHS625-19	1 3/16	PHS625R-12	5/8, 3/4	PHS625D-12	1/2, 5/8, 3/4
	2 1/2 (63)	2 3/4 (70)	1600 (720)	4.3 (1.9)	PHS625-31	1 15/16	PHS625R-16	1, 1 1/4	PHS625D-16	1, 1 1/4
	2 1/2 (63)	3 1/4 (83)	1600 (720)	4.3 (1.9)	PH625-31	1 15/16	PH625R-16	1, 1 1/4	PH625D-16	1, 1 1/4
	3 (76)	3 1/4 (83)	2000 (900)	5.0 (2.3)	PH63-31	1 15/16	PH63R-16	1, 1 1/4	PH63D-16	1, 1 1/4
7 (178)	3 (76)	3 1/4 (83)	2200 (990)	6.5 (2.9)	PH73-31	1 15/16	PH73R-16	1, 1 1/4	PH73D-16	1, 1 1/4
8 (203)	2 (50)	2 3/16 (56)	1400 (630)	4.0 (1.8)	PH82-19	1 3/16	PH82R-12	1/2, 5/8, 3/4	PH82D-12	1/2, 5/8, 3/4
	2 1/2 (63)	2 3/4 (70)	1600 (720)	5.3 (2.4)	PHS825-19	1 3/16	PHS825R-12	5/8, 3/4	PHS825D-12	1/2, 5/8, 3/4
	2 1/2 (63)	2 3/4 (70)	1800 (810)	5.7 (2.6)	PHS825-31	1 15/16	PHS825R-16	1, 1 1/4	PHS825D-16	1, 1 1/4
	2 1/2 (63)	3 1/4 (83)	2000 (900)	6.3 (2.8)	PH825-31	1 15/16	PH825R-16	1, 1 1/4	PH825D-16	1, 1 1/4
	3 (76)	3 1/4 (83)	2500 (1125)	7.0 (3.2)	PH83-31	1 15/16	PH83R-16	1, 1 1/4	PH83D-16	1, 1 1/4
10 (254)	2 1/2 (63)	2 3/4 (70)	1600 (720)	7.0 (3.2)	PHS1025-19	1 3/16	PHS1025R-12	5/8, 3/4	PHS1025D-12	1/2, 5/8, 3/4
	2 1/2 (63)	2 3/4 (70)	1800 (810)	7.5 (3.4)	PHS1025-31	1 15/16	PHS1025R-16	1, 1 1/4	PHS1025D-16	1, 1 1/4
	2 1/2 (63)	3 1/4 (83)	2500 (1125)	7.8 (3.5)	PH1025-31	1 15/16	PH1025R-16	1, 1 1/4	PH1025D-16	1, 1 1/4
	3 (76)	3 1/4 (83)	2600 (1170)	9.7 (4.4)	PH103-31	1 15/16	PH103R-16	1, 1 1/4	PH103D-16	1, 1 1/4

Dia. Inches (mm)	Face Inches (mm)	Hub Length Inches (mm)	Load Capacity lbs. (KGS)	Wt. lbs. (KGS)	Plain Bore or Bore Less Roller Bearing		Roller Bearing		Delrin Bearing	
					Part No.	Sizes	Part No.	Sizes	Part No.	Sizes
12 (305)	2 1/2 (63)	2 3/4 (70)	1800 (810)	11.3 (5.1)	PHS1225-31	1 15/16	PHS1225R-16	1, 1 1/4	PHS1225D-16	1, 1 1/4
	2 1/2 (63)	3 1/4 (83)	3000 (1350)	11.8 (5.3)	PH1225-31	1 15/16	PH1225R-16	1, 1 1/4	PH1225D-16	1, 1 1/4
	3 (76)	3 1/4 (83)	3500 (1575)	12.8 (5.8)	PH123-31	1 15/16	PH123R-16	1, 1 1/4	PH123D-16	1, 1 1/4
	3 1/2 (89)	4 1/4 (108)	4000 (1800)	23.5 (10.6)	PH1235-39	2 7/16	PH1235R-20	1 1/4, 1 1/2	—	—
16 (406)	3 (76)	4 1/4 (108)	4000 (1800)	25.0 (11.3)	PH163-39	2 7/16	PH163R-20	1 1/4, 1 1/2	—	—
	3 1/2 (89)	4 1/4 (108)	6000 (2700)	30.5 (13.7)	PH1635-39	2 7/16	PH1635R-20	1 1/4, 1 1/2	—	—
	4 (102)	5 1/4 (133)	8000 (3600)	36.0 (16.2)	PH164-39	2 7/16	PH164R-20	1 1/4, 1 1/2	—	—
18 (457)	3 (76)	3 1/4 (83)	3500 (1575)	24.0 (10.8)	PH183-31	1 15/16	PH183R-16	1, 1 1/4	PH183D-16	1, 1 1/4

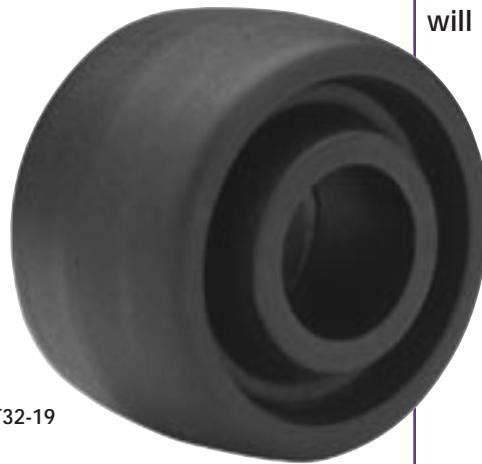
Note: Standard bearing size is called out in last two digits of part number in sixteenths (ie. PH62R-12 = 3/4" bearing, PH62R-10 = 5/8" bearing). For smaller bore refer to spanner bushings in component parts selection (page 102).

REINFORCED THERMOPLASTIC (RT)

Capacities to 1,400 lbs.

Standard Features

- **Composition** - Reinforced Thermoplastic
- **Temperature Range** Of -20° to 250°F
- **Resists Shock and Impact Loads**
- **Low Rolling Resistance**
- **Optional Sealed Precision Ball Bearing**



RT32-19

APPLICATIONS:

Like Phenolic Wheels, high resistance to shock and impact loads. Suitable for food processing environments. Resists caustics and chemical will not absorb water.

Dia. Inches (mm)	Face Inches (mm)	Hub Length Inches (mm)	Load Capacity lbs. (KGS)	Wt. lbs. (KGS)	Plain Bore or Bore Less Roller Bearing		Roller Bearing		Delrin Roller Bearing	
					Part No.	Sizes	Part No.	Sizes	Part No.	Sizes
3 (76)	1 13/16 (46)	2 3/16 (56)	700 (315)	1.1 (.5)	RT32-19	1 3/16	RT32R-12	3/4	RT32D-12	1/2, 5/8, 3/4
4 (102)	2 (50)	2 3/16 (56)	800 (360)	2.0 (.9)	RT42-19	1 3/16	RT42R-12	3/4	RT42D-19	1/2, 5/8, 3/4
5 (127)	2 (50)	2 3/16 (56)	1000 (450)	2.8 (1.3)	RT52-19	1 3/16	RT52R-12	3/4	RT52D-19	1/2, 5/8, 3/4
6 (152)	2 (50)	2 3/16 (56)	1200 (540)	3.0 (1.4)	RT62-19	1 3/16	RT62R-12	3/4	RT62D-19	1/2, 5/8, 3/4
8 (203)	2 (50)	2 3/16 (56)	1400 (630)	3.5 (1.6)	RT82-19	1 3/16	RT82R-12	3/4	RT82D-19	1/2, 5/8, 3/4

Note: Standard bearing size is called out in last two digits of part number in sixteenths (ie. RT62R-12 = 3/4" bearing, RT62R-10 = 5/8" bearing). For smaller bore refer to spanner bushings in component parts selection.