Steel

Tube & Shaft Assemblies
(INNER COLUMN,OIL LUBE)

Tube & Shaft Assemblies (INNER COLUMN,OIL LUBE):

Sizes from 1" x 1 1/2" up to 2 11/16" x 4"

Standard length: 20', 10', & 5'

Standard Materials:

Shaft	C-1045 PSQ
Shaft Couplings	C-1215 carbon steel
Tubes	A-53 grade A schedule 80
Bearings	Alloy C-844 bronze (from continuous cast bronze bars)

Our Tube & Shaft Assemblies are packaged, Fully Assembled.

Steel

Open Column Assemblies
(WATER LUBE)

Open Column Assemblies (WATER LUBE):

Sizes ranging from 1" x 3" up to 2 3/16" x 16"

Standard lengths: 10' & 5'

Standard open column materials as follows:

Shaft	C-1045 PSQ
Shaft Coupling	C-1215 carbon steel
Shaft Sleeve	304 stainless steel
Water lube Spider	Alloy C-844 bronze with rubber "Pop In" insert bearing

SHAFTS AND SHAFT COUPLINGS ARE ALSO AVAILABLE IN 416 & 316 STAINLESS

Steel

Shaft Coupling & Shaft Sleeves

Shaft Couplings:

Sizes ranging from 1" up to 2 11/16" to fit all O.E.M. styles

Materials:

C-1215 Carbon Steel
416 Stainless Steel
304 & 316 Stainless Steel

Other materials available upon request

Shaft Sleeves:

Made from 304 stainless steel tubing (glue on style) to fit shafts from 1" up to 2 3/16"

Standard sleeve length are 7"

Steel

Pump Shafts

Pump Shafts:

1" diameter up to 2 11/16"

Pump shaft quality, turned, ground, and polished

Standard lengths: 20', 10', & 5'

We carry:

C-1045 psq tg&p
416 stainless steel
316 stainless steel

Materials and machining are exact to O.E.M. specifications.

Steel

Oil Tubes

Oil Tubes:

Standard material: A-53 grade A Schedule 80

Standard lengths: 5'

Special lengths are also available

Other materials: 304 & 316 stainless

Welded & Seamless

Bronze

Bronze Bowl Bushings

Bronze Bowl Bushings:

All O.E.M. sizes and styles available

Alloy C-844 bronze

Alloy C-932 (SAE 660)

Other materials available:

Zinc-less Bronze
Aluminum Bronze
Lead Free Bronze

Manufactured from: " Continuous cast bronze bars"

We carry a large "In Stock" inventory

Bronze

Bronze Line-shaft Bearings

Bronze Line-shaft Bearings:

All O.E.M. sizes and styles

Made from Alloy C-844 bronze from continuous cast bronze bars

Other bronze alloys are also available:

Alloy C-932 (SAE 660)
Zinc-less Bronze and lead free

Bronze

Bronze Water lube Spiders

Bronze Water lube Spiders:

Fully machined cast bronze water lube spiders with rubber "Pop In" insert bearings.

Drop in style "Butt Joint"

Sizes ranging from 2 1/2" up to 16"

Standard material: Alloy C-844 bronze

Other materials are also available:

Zinc-less bronze
Aluminum bronze
Lead free bronze
Stainless steel

Bronze

Bronze Jump & Tee Bearings

Bronze Jump & Tee Bearings:

Adapts from one tube size to another

Tee bearings that adapt from one O.E.M. thread spec to another O.E.M. thread spec.

Material: Alloy C-844 (from continuous cast bronze bars).

All O.E.M. sizes and styles are available.

Bronze

Misc. Bronze Products

Misc. bronze products:

Impeller Wear Rings
Sand Collars
Lantern Rings
Split Bushings

Materials available:

Alloy C-844
Alloy C-932 (SAE 660)
Aluminum Bronze
Zinc-less Bronze
Lead Free Bronze

Rubber

Rubber Centering Spiders

Rubber Centering Spiders: "Black Widow"

We manufacture sizes from 1 1/4 x 3 up to 6 x 24

We stock a large inventory of the most common sizes.

Our standard rubber will withstand temperatures of up to 170°F

Also available, is our E.P.D.M. rubber for hot water applications 200°F

Rubber

Rubber Insert Bearings

Rubber Insert Bearings:

All Shaft sizes to fit 2 1/2" through 16" water lube spiders. Our rubber insert bearings have a raised flange at both ends that eliminated the need for a snap ring.

F S A -- Fits 2 1/2" through 4" Spiders

F S B -- Fits 5" through 10" Spiders

F S C -- Fits 10" through 16" Spiders

Rubber

Rubber Bearings and Bushings

Rubber Bearings and Bushings:

Hundreds of sizes available to fit most O.E.M. applications. Free fit and press fit.

Materials:

SBR (R-1) Our standard rubber. For temperatures of up to 170°F

Nitrite (R-3) Oil resistant rubber

E.P.D.M. -- For hotter water applications of temperatures up to 200°F