



Rudder Stuffing Box Oval Base – with Packing

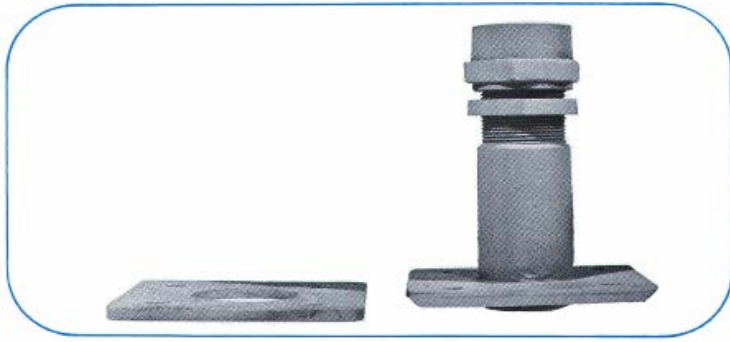
Part#	Shaft Size	Barrel Length	Base Size	Finish	Wgt.
22026	1"	1-15/16"	4-1/2" X 2-1/4"	Mach.	2-1/2#



Rudder or Shaft Bearing Stuffing Box

(Available in Sizes 1" thru 3")

Part#	Shaft Size	Barrel Length	Flange	Finish	Wgt.
22003	1"	2-1/4"	3-1/2" X 3-1/2"	Mach.	2-1/2#
22005	1-1/4"	2-11/16"	3-3/4" X 4"	Mach.	3-3/4#
22007	1-1/2"	3-3/4"	4" X 4"	Mach.	4-3/4#
22013	2"	3-7/8"	5" X 5"	Mach.	8#
22014	2-1/4"	3-5/16"	6" X 6"	Mach.	9#
22015	2-7/8"	5"	6-1/4" X 6-1/4"	Mach.	12-1/4#



Flush Style External Mount Rudder Stuffing Box with Back-Up Plate and Packing

Part#	Shaft Size	Base	OA Height	Wgt.
22125	1-1/4"	5-1/4" X 5-1/4"	6-1/2"	8#
22213	1-1/2"	5-1/4" X 5-1/4"	6-1/2"	7-3/4#
22215	2"	7" X 7"	8-1/2"	14#
22216	1-3/4"	5-1/4" X 5-1/4"	6"	9-3/4#
22219	1-1/4"	4" X 4"	4-3/4"	7-1/2#
22220	1-1/2"	4-3/4" X 4-3/4"	6"	9#



Recess Mount — Short Shank Rudder Stuffing Box with Back-Up Plate and Packing

Part#	Shaft Size	OA Length	Base Size	Flange Thckn.	Finish	Wgt.
22113	1-1/8"	4-5/8"	3-1/2" X 3-1/2"	3/8"	Mach.	5-1/4#
22194	1-1/4"	4-3/4"	3-1/2" X 3-1/2"	3/8"	Mach.	5-3/4#
22114	1-1/4"	4-3/4"	4-1/2" X 4-1/2"	3/8"	Mach.	6-1/4#
22196	1-1/4"	5-1/2"	4-1/2" X 4-1/2"	1/2"	Mach.	8-1/4#
22197	2-1/2"	6-1/2"	5-1/4" X 5-1/4"	1/2"	Mach.	13-3/4#
22198	2"	6-1/2"	5-1/4" X 5-1/4"	1/2"	Mach.	11-3/4#
22199	1-1/2"	5-1/2"	4-1/2" X 4-1/2"	1/2"	Mach.	8-1/4#
22200	2"	6-1/4"	6-1/4" X 6-1/4"	9/16"	Mach.	15#



Flush Mount Dead Rise Rudder Stuffing Box with Back-Up Plate



(Other Sizes and Angles Available)

Part#	Shaft Size	Base Size	OA Height	Angle	Finish	Wgt.
22126	1-1/4"	5" X 5"	5-7/8"	8°	Mach.	7#
22128	1-3/4"	5-3/4" X 5-3/4"	7-1/4"	14°	Mach.	10-3/4#
22130	1-1/4"	5-1/4" X 5-1/4"	6-1/4"	10°	Mach.	7#
22131	1-1/4"	5-1/4" X 5-1/4"	6-1/2"	14°	Mach.	8-1/4#
22132	1-1/4"	5-1/4" X 5-1/4"	6-1/4"	15°	Mach.	7#
22134	1-1/4"	5-1/4" X 5-1/4"	6-1/2"	23°	Mach.	7-3/4#
22137	1-1/2"	5-1/4" X 5-1/4"	6-1/2"	18°	Mach.	7-3/4#
22140	1-1/4"	5-1/4" X 5-1/4"	7"	18°	Mach.	7-3/4#
22141	1-1/4"	5-1/4" X 5-1/4"	6-1/2"	22°	Mach.	7-3/4#
22142	1-1/4"	5-1/4" X 5-1/4"	6-1/2"	20°	Mach.	7-3/4#
22143	1-1/2"	6-1/4" X 6-1/4"	6-1/4"	14-1/2°	Mach.	12#
22144	1-1/4"	5-1/4" X 5-1/4"	6-1/4"	16°	Mach.	7-1/4#
22145	1-3/4"	5-1/4" X 5-1/4"	6-1/4"	17-1/2°	Mach.	8#
22146	2"	7-1/4" X 7-1/4"	7-1/4"	17°24'	Mach.	15-1/2#
22148	2-1/2"	7-1/4" X 7-1/4"	7-1/4"	17°24'	Mach.	16#



Dead Rise Rudder Stuffing Box Recess Mount with Back-Up Plate

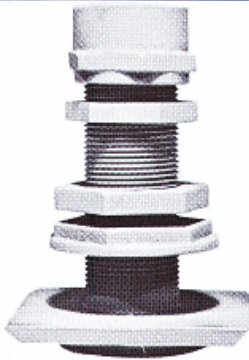
(Available in Other Sizes)

Part#	Shaft Size	Base	OA Height	Angle	Finish	Wgt.
22135	1-1/4"	5" x 5"	7-3/4"	12°	Mach.	9#
22136	1-1/4"	4-3/8" x 4-3/8"	5-1/2"	10°30'	Mach.	8.1#



Recess Mount "O" Ring Rudder Stuffing Box with Double Nut and Zerk Fitting

Part#	Shaft Size	OA Length	Flange	Finish	Wgt.
22103	1"	5-1/2"	3-1/2" X 3-1/2"	Mach.	3-1/2#
22105	1-1/4"	5-1/2"	4" X 4"	Mach.	4-3/4#



Rudder Stuffing Box Four Nut Type with Packing

(Available with Flush or Recess Base)

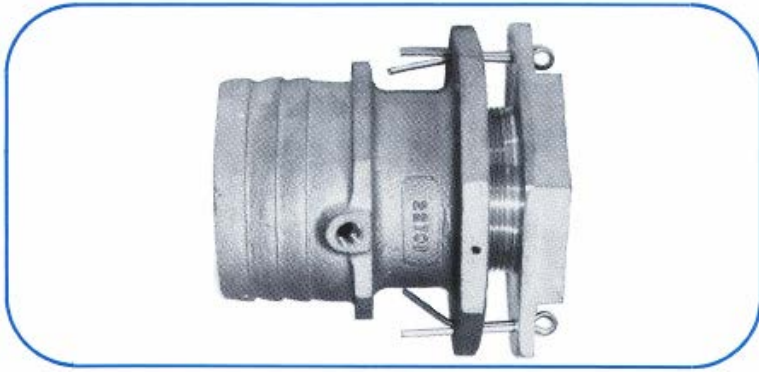
Part#	Shaft Size	OA Length	Flange	Finish	Wgt.
22112	1"	4-3/4"	3-1/2" X 3-1/2"	Mach.	3-3/4#



Shaft Stuffing Box with Packing

(A Size-free Box Designed for High
Performance that allows Shaft Contact with
Packing Seal Only)

Part#	Shaft Size	Hose Size	OA Length	Finish	Wgt.
22970	1"	1-3/4"	3"	Mach.	1#
22972	1-1/2"	2-1/2"	4-3/4"	Mach.	3-1/2#
22975	2"	3"	5-1/2"	Mach.	5-1/4#
22976	1-1/2"	3-1/2"	4-3/4"	Mach.	7-1/2#
22977	1-3/4"	3-1/2"	4-3/4"	Mach.	7-1/4#
22978	2"	3-1/2"	4-3/4"	Mach.	7-1/4#
22979	2-1/2"	4"	5-1/4"	Mach.	9#
22980	2-3/4"	4"	5-9/16"	Mach.	11#
22964	1-1/4"	2-5/8"	3-1/2"	Mach.	4-3/4#



Water Cooled Shaft Stuffing Box — with Packing

Part#	Shaft Size	Hose Size	OA Length	Finish	Wgt.
22705	1-1/4"	2-5/8"	4-7/8"	Mach.	4-1/2#
22707	1-3/4"	3-1/2"	5"	Mach.	9-1/4#
22708	2"	3-1/2"	5"	Mach.	9-1/2#
22709	2-1/2"	4"	5-1/2"	Mach.	13#



Shaft Log Stuffing Box

Part#	Shaft Size	Hose Size	Hose Barb Length	Finish	Wgt.
22038	3/4"	1-1/2"	1-3/8"	Mach.	1-1/4#
22039	3/4"	1-3/4"	1-1/2"	Mach.	1-1/2#
22040	1"	1-1/2"	1-1/4"	Mach.	1-1/2#
22041	1"	1-3/4"	1-1/4"	Mach.	1-1/2#
22042	1"	1-3/4"	1-7/8"	Mach.	2-1/2#
22044	1-1/4"	1-3/4"	1-1/4"	Mach.	1-3/4#
22045	1-1/4"	2"	1-1/2"	Mach.	2-1/2#



Shaft Log Stuffing Box

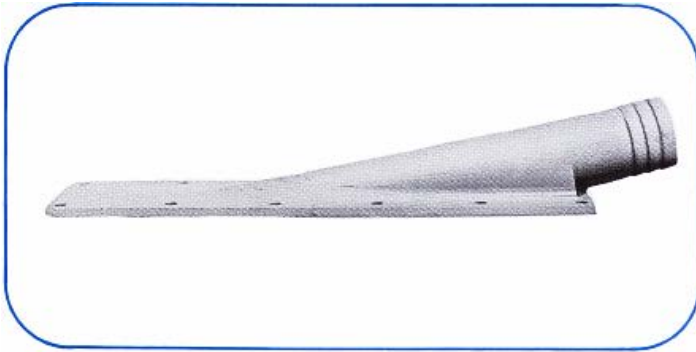
Part#	Shaft Size	Hose Size	Hose Barb Length	Finish	Wgt.
22047	1-1/4"	2"	2-1/2"	Mach.	2-1/2#
22048	1-1/2"	2-5/8"	2-1/2"	Mach.	4#
22056	1-3/4"	2-1/2"	3"	Mach.	4-1/2#



Shaft Log Stuffing Box with Hose Barb and Packing

(Tapped for Shaft Cooling Use on Request)

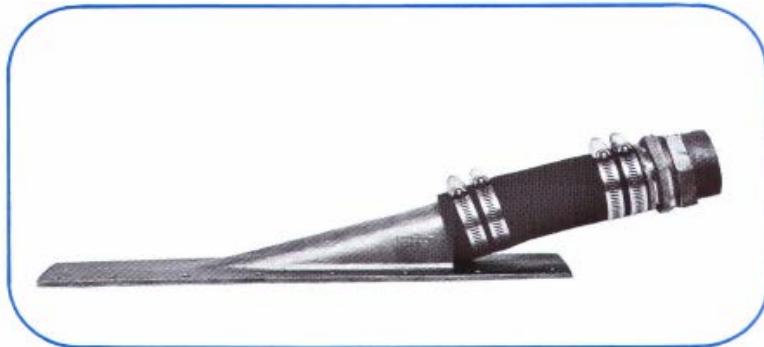
Part#	Shaft Size	OA Length	Hose Size	Finish	Wgt.
22600	1/2"	3-5/8"	1"	Mach.	1-1/2#
22601	1"	5"	1-3/4"	Mach.	2-1/2#
22605	1- 1/4"	5"	2"	Mach.	3- 1/4#
22606	1-3/8"	4-3/4"	2"	Mach.	3-1/2#
22608	1-1/2"	5-1/2"	2-1/2"	Mach.	4#
22609	1-3/4"	5-3/4"	2-1/2"	Mach.	4-1/2#
22611	2"	5-3/4"	3"	Mach.	5#
22612	2-1/4"	6"	3"	Mach.	6#



Standard Shaft Log with Hose Barb

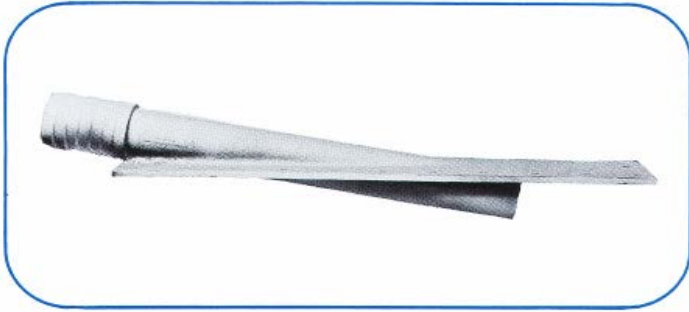
(Other Sizes and Angles Available)

Part#	Shaft Size	Angle	Base Width	Base Length	Finish	Wgt.
2301-1	1"	45°	3-1/8"	7-1/2"	Mach.	1-3/4#
23010	1"	17°	3"	12-1/4"	Mach.	3-1/2#
2301-2	1"	30°	3-1/8"	8-7/8"	Mach.	1-3/4#
23003	1"	13°	3-1/8"	11-11/16"	Mach.	3#
23023	1-1/4"	18°	3-5/8"	15-1/4"	Mach.	3-1/2#
23024	1-1/4"	15°	3-3/4"	11-1/4"	Mach.	3-1/4#
23021	1-1/4"	12°	3-3/4"	11-1/4"	Mach.	3-1/4#
2301-4&5	1-1/4"	12°	3-3/8"	16-1/2"	Mach.	5-1/4#
2301-6	1-1/2"	11°	3-3/8"	21"	Mach.	5-3/4#
2301-7	1-3/8"	7°	3-3/4"	27-1/2"	Mach.	10#



Standard Shaft Log Assembly, Stuff Box and Packing

Part#	Shaft Size	Angle	Base Width	Base Length	Finish	Wgt.
2300-1	1"	17°	3-1/8"	7-1/2"	Mach.	4-1/2#
23001	1"	17°	3"	12-1/4"	Mach.	6-1/2#
2300-2	1"	15°	3-1/8"	8-7/8"	Mach.	4-1/2#
2300-3	1"	13°	3-1/8"	11-11/16"	Mach.	6#
23114	1-1/4"	18°	3-5/8"	15-1/4"	Mach.	7-1/4#
23124	1-1/4"	15°	3-3/4"	11-1/4"	Mach.	7#
23121	1-1/4"	12°	3-3/4"	11-1/4"	Mach.	7#
2300-5	1-1/4"	12°	3-3/8"	16-1/2"	Mach.	
2300-6	1-1/2"	11°	3-3/8"	21"	Mach.	
23119	1-3/8"	7°	3-3/4"	27-1/2"	Mach.	13-3/4#



Shaft Log For Bearing Installation

Part#	Shaft Size	Angle	Base Width	Base Length	Finish	Wgt.
23036	1-3/4"	15°	6-1/2"	26"	Mach.	29#



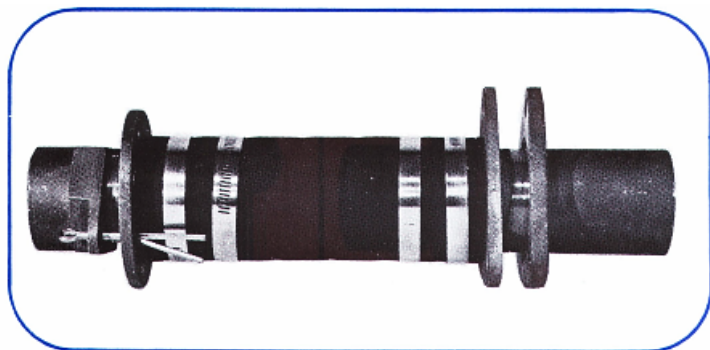
Shaft Log Assembly with Bearing, Water Cooler Stuff Box, Hose, Clamps and Packing

Part#	Shaft Size	Angle	Base Width	OA Length	Finish	Wgt.
23136	1-3/4"	15°	6-1/2"	36"	Mach.	34#



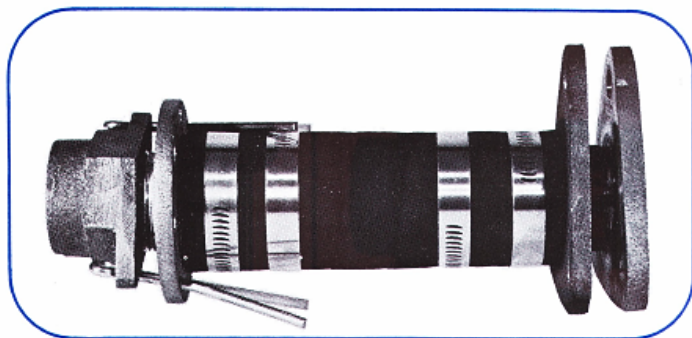
Tri-Flange Shaft Log Thru Hull Assembly — Double Locknut Type with Packing

Part#	Shaft Size	Hose Size	Finish	Wgt.
23511	1"	1-3/4"	Mach.	4-1/4#
23312	1-1/4"	1-3/4"	Mach.	4-1/4#
23313	1-1/4"	2"	Mach.	6-1/4#
23314	1-1/2"	2"	Mach.	6-1/4#



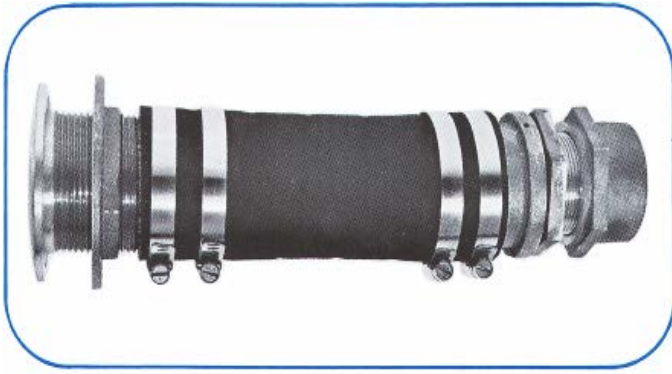
**Tri-Flange Shaft Log
Thru Hull Assembly —
Water Cooled
Bolt Thru Type with
Back-Up Plate, Shaft
Bearing and Packing**

Part#	Shaft Size	Hose Size	Finish	Wgt.
23330	1"	1-3/4"	Mach.	5#
23332	1-1/4"	2-1/4"	Mach.	6-1/4#
23333	1-3/8"	2"	Mach.	6-1/2#
23334	1-1/2"	2-1/2"	Mach.	7#
23335	1-3/4"	2-1/2"	Mach.	8-1/2#
23336	2"	3"	Mach.	9-1/2#



**Tri-Flange Shaft Log
Thru Hull Assembly —
Bolt Thru Type with
Back-Up Plate and Packing**

Part#	Shaft Size	Hose Size	Finish	Wgt.
23501	1"	1-3/4"	Mach.	5-3/4#
23503	1-1/4"	2"	Mach.	6#
23504	1-3/8"	2"	Mach.	6-1/2#
23505	1-1/2"	2-1/2"	Mach.	7#
23506	1-3/4"	2-1/2"	Mach.	7-1/2#
23507	2"	3"	Mach.	8-3/4#
23508	2-1/4"	3"	Mach.	10#



Round Flange/Locknut Type Shaft Log Thru Hull Assembly with Packing

Part#	Shaft Size	Hose Size	Finish	Wgt.
23305	1-1/4"	2"	Mach.	6-1/4#
23307	1-1/4"	2-1/2"	Mach.	6-1/4#
23312	1-1/2"	2-1/2"	Mach.	7-1/2#
23306	1"	1-3/4"	Mach.	



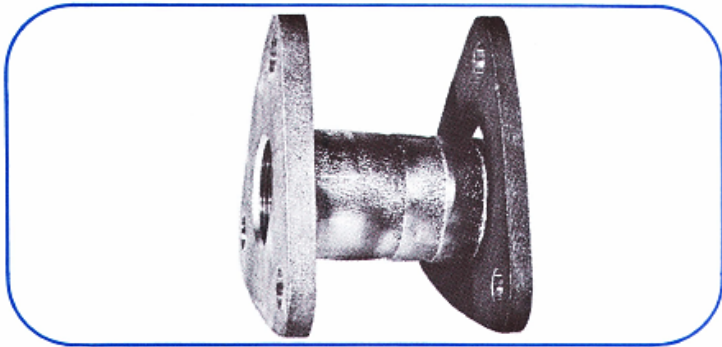
Round Face Shaft Log Thru Hull with Flanged Locknut

Part#	Shaft Size	Hose Size	Finish	Wgt.
23404	1"	1-3/4"	Mach.	2-1/2#
23405	1-1/4"	2"	Mach.	3#
23406	1-1/2"	2-1/2"	Mach.	3#



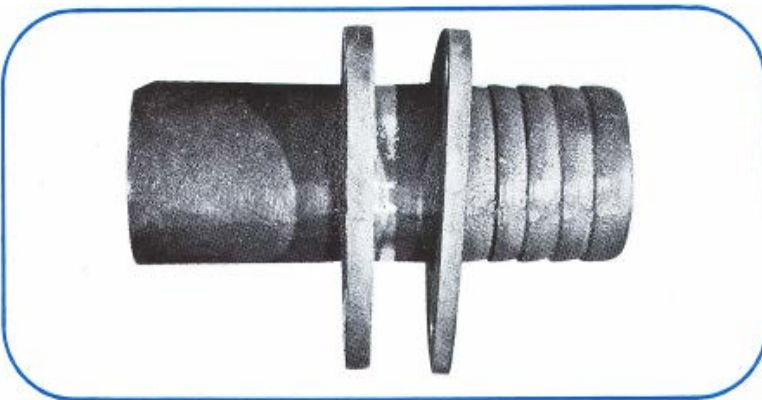
Tri-Flange Shaft Log Thru Hull with Lock and Flange Nuts

Part#	Shaft Size	Hose Size	Finish	Wgt.
23414	1-1/4"	1-3/4"	Mach.	1-3/4#
23415	1-1/4"	2"	Mach.	3#
23416	1-1/4"	2-1/4"	Mach.	4#



Tri-Flange — Bolt Type Shaft Log Thru Hull with Back-Up Plate (Other Sizes Available)

Part#	Shaft Size	Hose Size	Finish	Wgt.
23601	1"	1-3/4"	Mach.	2-1/2#
23605	1-7/8"	2-1/4"	Mach.	2-1/2#
23606	1-3/8"	2-1/4"	Mach.	2-1/2#
23607	1-1/2"	2-1/2"	Mach.	3-1/4#
23609	1-3/4"	2-3/4"	Mach.	3-1/4#
23611	2"	3"	Mach.	4#
23618	2-1/4"	3"	Mach.	4#



Tri-Flange — Bolt Type Shaft Log Thru Hull with Back-Up Plate for Bearing Installation (Other Sizes Available)

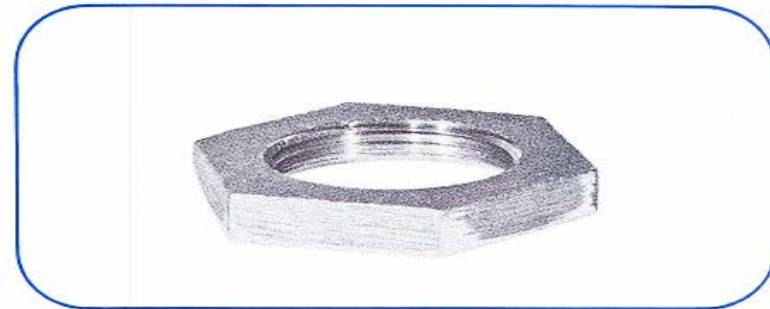
Part#	Shaft Size	Hose Size	Finish	Wgt.
23611	1-1/8"	1-3/4"	Mach.	5-1/2#
23612	1-1/4"	2-1/4"	Mach.	5-1/2#
23608	1-1/2"	2-1/2"	Mach.	6-1/4#



Flanged Lock Nut

Used on Thru Hulls and Intake Scoops

Part#	Size	Finish	Wgt.
24002	1/2"	Burnish	3 oz.
24004	1"	Burnish	1/4#
24005	1-1/4"	Burnish	6 oz.
24006	1-3/4"	Burnish	1/2#
24007	2"	Burnish	1/2#
24008	2-1/2"	Burnish	10 oz.
24009	3"	Burnish	1-1/4#



Jam Nuts

Used on Stuffing Boxes

Part#	Size	Finish	Wgt.
24060	3/4"	Burnish	3 oz.
2277	1"	Burnish	3 oz.
2277	1-1/2"	Burnish	7 oz.
15701	1-3/4"	Burnish	1/2#
2277	2"	Burnish	1/2#
2277	2-1/2"	Burnish	10 oz.
2277	3"	Burnish	1#



Adjustable Packing Nut Wrench

Mang. Bronze

Part#	Adjustment Range
24150	1-3/4" - 3"
24151	3" - 4-3/4"