

Ordering

Reference

From the following charts you can order using the sequence and we will identify and supply as per the example below for a 7/8" BSP self centralizing.

Product Reference Size and Range setting Rubber Material reference Metal Outer Ring
400- 829- 4490- 41

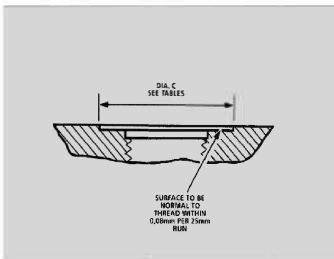
PRODUCT REFERENCES Industrial= 400 or Aerospace=300

SIZE Use box size reference from charts 1-6 e.g chart 2:-829 = 7/8"

RUBBER POLYMER From the rubber materials box select your polymer e.g.-4490 from the non release chart.

METAL OUTER RING From the metal outer ring chart select preferred metal

BONDED SEALS - SURFACE FINISH



It is important that all possible leakage paths are removed such as spiral or longitudinal machined ridges and excessive roughness. Spot facing is recommended to clean such surfaces.

FLUIDS AND GASES

At pressures over 207 bar (3000lbf/in²), 0,8µm (32µin)

FLUIDS AND GASES

At pressures below 207 BAR (3000lbf/in²) If lay is circular and concentric 1,6µm (64µm)m Spiral or longitudinal machined ridges 0,8µm (32µin)

WITH PRESSURE DIE CASTING.

Hot brass stampings and similar details, The surface finish obtained is normally satisfactory for pressures below 69 BAR (1000lbf/in²) providing the surface is normal to the thread within 0,08mm for 25mm run.

TORQUE LOADING

THREAD SIZE			TORQUE REQUIRED		FACTOR FOR TANDEM SEALING (EG BANJO ASSEMBLY)
METRIC	IMPERIAL	BSP	Nm	lbf.in	
UP TO 8	5/16		5.3	47	1.6
10	3/8	3/8	7.1	63	
11	7/16		11.8	105	
12	1/2	1/4	15.8	140	
14	9/16	.60x19	22.6	200	1.3
16	3/4	3/8	30.5	270	
18	3/4	.75x14	40.7	360	
20	0.825	1/2	56.5	500	1.2
22	3/4	3/8	67.8	600	1.1
24	1		73.4	650	1
27 AND ABOVE	1.041	3/4	79	700	