



# 7808 / 7806 / 7908 / 7906

## FABRICATED STEEL FLANGED COUPLING ADAPTER



### APPLICATIONS:

ROBAR **7808 / 7806 / 7906** Flanged Coupling Adapters are used to flexibly adapt plain end pipe to flanged end.

### MATERIAL SPECIFICATIONS:

Center Sleeve: Carbon Steel  
 Flange: AWWA C207 Class D – ANSI 1021 150 lb. drilling. Class E or F Flanges available.  
 End Ring: Mild Steel.  
 Gaskets: SBR (Buna S) Rubber\*\*.  
 Fasteners: **7808/7908** - 5/8" NC Low Alloy fasteners.  
**7806/7906** - 5/8" Stainless Steel fasteners, fully passivated\*. Nuts coated with anti-galling compound. Torque is 70-80 ft. lbs.  
 Coatings: **7808/7806** - Two coats on enamel.  
**7908/7906** - Epoxy coated Center Sleeve and End Rings.

### HOW TO ORDER:

Determine the product number (, etc.), nominal flange size, actual pipe OD and then use the appropriate ordering code as shown in the following example.

To couple a 16" OD Steel pipe (16.00" OD) to a 16" flanged connection, the ordering code is:

**7808** - 16" - 16.00" i.e. **7808 - 16 - 16.00**  
 product nom. flange actual  
 number size size OD

NOMINAL PIPE SIZE	OD OF FLANGE	NUMBER OF FLANGE BOLTS (CLASS D)	DIAMETER OF FLANGE BOLT CIRCLE	DIAMETER OF FLANGE BOLTS	THICKNESS OF FLANGE	APPROXIMATE SHIPPING WEIGHT	
						LBS.	KG.
4	9.00	8	7.50	.625	.625	36	16
6	11.00	8	9.50	.750	.688	40	18
8	13.50	8	11.75	.750	.688	55	25
10	16.00	12	14.25	.875	.688	62	28
12	19.00	12	17.00	.875	.812	93	42
14	21.00	12	18.75	1.000	0.938	120	54
16	23.50	16	21.25	1.000	1.000	165	75
18	25.00	16	22.75	1.125	1.062	180	82
20	27.50	20	25.00	1.125	1.125	200	91
24	32.00	20	29.50	1.250	1.250	255	116
30	38.75	28	36.00	1.250	1.375	350	159
36	46.00	32	42.75	1.500	1.625	395	180
42	53.00	36	49.50	1.500	1.750	600	272
48	59.50	44	56.00	1.500	1.875	780	354

All dimensions are in inches.

For sizes not listed above, contact ROBAR for availability.

Note: \* Refers to chemically treating Stainless Steel after welding ("Pickled/Passivated") to return it to its original appearance.

\*\* Other compounds available. Contact ROBAR for price and delivery.

- When ordering, specify maximum working pressure.
- No flange bolts or gaskets supplied.
- Special coatings, gasket, flanges, fastener materials and isolating boots are available.
- For price and availability, contact ROBAR and specify the pipe and flange sizes to be coupled along with any special requirements.

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