



# 7808 / 7806 / 7906

## FABRICATED STEEL FLANGED COUPLING ADAPTER



### APPLICATIONS:

ROBAR  BAKER

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: 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** - 5/8" NC Low Alloy fasteners.  
**7806** - 5/8" Stainless Steel fasteners, fully passivated\*.  
**7906** - 5/8" Stainless Steel fasteners, fully passivated\*.  
 Nuts coated with anti-galling compound.  
 Torque is 70-80 ft. lbs.  
 Coatings: **7808** - Two coats on enamel.  
**7806** - Two coats on enamel.  
**7906** - Epoxy coated Center Sleeve and End Rings.

### HOW TO ORDER:

Determine the product number (7808, 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 OD

NOMINAL PIPE SIZE	OD OF FLANGE	NUMBER OF BOLTS	DIAMETER OF FLANGE BOLT CIRCLE	DIAMETER OF FLANGE BOLTS	THICKNESS OF FLANGE
14	21.00	12	18.75	1.000	0.938
16	23.50	16	21.25	1.125	1.000
18	25.00	16	22.75	1.125	1.062
20	27.50	20	25.00	1.125	1.125
24	32.00	20	29.50	1.250	1.250
30	38.75	28	36.00	1.250	1.375
36	46.00	32	42.75	1.500	1.625
42	53.00	36	49.50	1.500	1.750
48	59.50	44	56.00	1.500	1.875

*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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