



# Pipe Fittings & Fabrications for Industrial Service

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## JCM Fabricated Steel Flanged Coupling Adapters for Industrial Service



### JCM 303 Fabricated Flanged Coupling Adapters

The JCM 303 Fabricated Flanged Coupling Adapter provides a simple means of joining plain end pipe to flanged fittings, valves and equipment. Ideal for installing flanged valves, backflow preventors, monitoring equipment and other pipeline accessories to be retrofitted into a piping system. Fabricated without pipe stops, the JCM 303 Flanged Adapter can be slid back on the plain end pipe for quick fitting installation and adjustment. Other sizes available.

NOMINAL PIPE SIZE		PIPE O.D. RANGE		NOMINAL FLANGE SIZE	CATALOG NUMBER	APPR. WT. EACH (LBS.)
IN	MM	IN	MM			
3	80	3.50	88	3	303-0350 X 3	19
4	100	4.50	114	4	303-0450 X 4	25
4	100	4.80 - 5.00	121 - 127	4	303-0480 X 4	26
5	125	5.56	141	5	303-0556 X 5	32
6	150	6.63	168	6	303-0663 X 6	38
6	150	6.90 - 7.10	175 - 180	6	303-0690 X 6	40
8	200	8.63	219	8	303-0863 X 8	50
8	200	9.05 - 9.30	229 - 236	8	303-0905 X 8	52
10	250	10.75	273	10	303-1075 X 10	58
10	250	11.10 - 11.40	281 - 289	10	303-1110 X 10	61
12	300	12.75	323	12	303-1275 X 12	78
12	300	13.20 - 13.50	335 - 342	12	303-1320 X 12	84
14	350	14.00	355	14	303-1400 X 14	90
14	350	15.30	388	14	303-1530 X 14	110
14	350	15.65	397	14	303-1565 X 14	110
16	400	16.00	406	16	303-1600 X 16	113
16	400	17.40	441	16	303-1740 X 16	130
16	400	17.80	452	16	303-1780 X 16	137
18	450	18.00	457	18	303-1800 X 18	137
18	450	19.50	495	18	303-1950 X 18	144
18	450	19.92	505	18	303-1992 X 18	144
20	500	20.00	508	20	303-2000 X 20	158
20	500	21.60	548	20	303-2160 X 20	162
20	500	22.06	560	20	303-2206 X 20	162
24	600	24.00	609	24	303-2400 X 24	192
24	600	25.80	655	24	303-2580 X 24	220
24	600	26.32	668	24	303-2632 X 24	220

**Typical Application:**  
Connection  
Temporary/Permanent  
Connection/Insertion

**Valves**  
Backflow Preventors  
Flanged Fittings  
Monitoring Equipment  
Retrofit of Inline Fittings

**For application parameters,  
contact JCM Engineered and  
Technical Sales  
800-527-8482 or 903-832-2581**

#### Optional Flanges Available -

ASME/ANSI B16.5 Class 150, 300

Weld Neck, Blind, Slip-on, Reducing,  
Threaded, Socket Weld, Lap Joint,  
Angle Face, Van Stone

Concentric and Eccentric Flanges

NOTE: Applications in which pipe may move out of the coupling, correct anchorage of the pipe must be provided. Conversion of U.S./Metric dimensions are approximate; application pipe diameter and range to be verified by the end user.

### MATERIAL SPECIFICATIONS FOR JCM 303 AND 304 FLANGED ADAPTERS

- Middle Ring:** ASTM A-36
- Followers:** Sizes 3" through 12" Ductile Iron ASTM A-536
- Followers:** Sizes 14" and Larger ASTM A-36
- Bolts:** Corrosion resistant, high strength low alloy ASTM A242, A193 B5, B7. Optional A193 B8 304 stainless steel or 316 stainless steel.
- Gaskets:** Nitrile Butadiene Rubber (NBR, Buna-N) per ASTM D2000. Molded virgin rubber. Gasket temperature range -40°F to 212°F (-40°C - 100°C) Recommended for water, salt solutions, mild acids, bases, sewage and natural gas. Available Options: EPDM
- Finish:** Heavy coat of corrosion resistant shop coat primer. Optional Fusion Epoxy Coating available. Others available upon request.
- Standard Flange:** ASME/ANSI B16.1 Class 125 Compatible Steel Ring Flange