

JCM 301 Flanged Coupling Adapters



301 Standard Flanged Coupling Adapter

301 Standard Flexible Flanged Coupling Adapter

The JCM 301 FCA provides a quick simple means of joining flanged fittings to plain end pipe. The 301 will absorb vibration, accommodate pipe deflection and expansion, provide for easy equipment removal and reinstallation, and eliminate the need for exact measurements.

301 Optional Restrained Flanged Adapter

Applications advantageous for using JCM FCA's

- Valve insertions
- Equipment connections and offset adjustment
- Converting flanged fittings to mechanical joint or push on type
- Dampening vibration
- Providing for field fitting of flanged spool pieces

301 FLANGED COUPLING ADAPTERS

NOM. PIPE SIZE (IN.)	PIPE O.D. RANGE (IN.)	CATALOG NUMBER	PRICE EACH SHOPCOAT ALLOY BOLTS	QTY OPTIONAL SET SCREWS	PRICE EACH WITH SET SCREWS	APPR. WT EACH (LBS.)
3	3.50	301-0350	\$ 180.40	4	\$ 255.80	17
	3.80 - 4.17	301-0396	180.40	4	255.80	17
4	4.00	301-0400	251.70	N/A		22
	4.50	301-0450	233.90	4	300.40	22
	4.80 - 5.10	301-0480	233.90	4	300.40	22
6	6.00	301-0600	314.70	N/A		37
	6.63	301-0663	298.70	8	373.40	37
	6.90 - 7.20	301-0690	298.70	8	373.40	37
8	8.00	301-0800	425.00	N/A		44
	8.63	301-0863	410.00	8	478.30	44
	9.05 - 9.40	301-0905	410.00	8	478.30	44
10	10.75	301-1075	742.80	12	834.40	67
	11.10 - 11.40	301-1110	742.80	12	834.40	67
12	12.75	301-1275	823.60	12	961.60	94
	13.20 - 13.50	301-1320	823.60	12	961.60	94

*Set Screws are not for use on Asbestos Cement, HDPE or PVC pipe.

Add (R) to end of Catalog Number to indicate optional set screws.

Note: Applications in which pipe may move out of the coupling, proper anchorage of the pipe must be provided.

Material Specifications:

Sleeve & Flanges: Sleeve - Ductile Iron Per ASTM A536 80-55-06. Flange - Ductile Iron with ANSI Class 125 & 150 bolt pattern

Gaskets: Styrene-Butadiene Rubber (SBR) has good physical properties. Compounded for use with water, salt solutions, mild acids and bases; has excellent abrasion resistance. Per ASTM D-2000. Standard temperature range from -40° to 150° F (-40° to 65° C) constant, maximum intermittent 180° F (82 ° C). For applications on high temperatures or chemical pipelines, contact JCM Industries Technical Services. The material is not recommended for use on oil, ozone or weather resistant applications.

Bolts: 5/8" Corrosion resistant, high strength low alloy oval neck track head bolts per ASTM A242/ANSI 21.11/AWWA C111 and heavy hex nuts per A563 or equal. Optional Hardware: Stainless Steel 18-8 Type 304 or 316, Epoxy Coated Alloy Hardware, Powercron 590-534 black cationic electrocoat.

Coating: Corrosion resistant shop coat paint primer. Optional fusion applied epoxy coating per ANSI/AWWA C-213. Other coatings available upon request.

JCM Flanged Adapters meet or exceed ANSI/AWWA C-219 Standard for Bolted Couplings as applicable.

