

JCM 306 Fabricated Flanged Coupling Adapters



The JCM 306 Fabricated Flanged Coupling Adapter combine the versatile JCM Ductile Iron Coupling system with a fabricated flanged end to provide a fitting which allows for pipe misalignment, less critical pipe end preparation and ease of equipment installation and removal. The 306 FCAs are easily adapted from one type of pipe to another with the simple JCM Transition Gasket system. These FCAs simplify installations on larger A/C pipe and are available in the hard to find 10" and 12" sizes.

Material Specifications JCM 306 & 307 FCA:

Body And Follower: Ductile Iron ASTM A536

Flanged End: Fabricated ASTM 285 Grade C Steel with AWWA C207 Class D Flange, with ANSI 150lb. drilling.

Gaskets: Specially compounded new rubber polymer for superior shelf life and resistance to permanent set. Recommended for water, salt solutions, mild acids and bases. Flange gasket not furnished.

Bolts: Corrosion resistant, high strength low alloy bolts and nuts (AWWA C-111, ANSI A21.11) Flanged bolts not furnished.

Finish: Heavy coating of corrosion resistant shop coat primer. Optional Fusion Epoxy Coating available.

306 FLANGED COUPLING ADAPTERS

NOM. PIPE SIZE (IN.)	COUPLING O.D. RANGE (IN.)	NOM. FLANGE SIZE	CATALOG NUMBER	OVERALL LENGTH	APPR. WT. EACH (LBS.)
3	3.50	3	306-0350 X 3	12"	32
	3.80 - 4.17	3	306-0396 X 3	12"	32
4	4.50	4	306-0450 X 4	12"	42
	4.80 - 5.10	4	306-0480 X 4	12"	42
	5.10 - 5.40	4	306-0535 X 4	12"	46
6	6.63	6	306-0663 X 6	12"	59
	6.90 - 7.20	6	306-0690 X 6	12"	59
	7.20 - 7.55	6	306-0740 X 6	12"	68
8	8.63	8	306-0863 X 8	12"	86
	9.05 - 9.40	8	306-0905 X 8	12"	86
	9.40 - 9.75	8	306-0960 X 8	12"	91
10	10.75	10	306-1075 X 10	12"	115
	11.10 - 11.40	10	306-1110 X 10	12"	115
	11.60 - 12.05	10	306-1200 X 10	12"	129
12	12.75	12	306-1275 X 12	12"	163
	13.20 - 13.50	12	306-1320 X 12	12"	163
	13.92 - 14.40	12	306-1420 X 12	12"	175

Epoxy coating and stainless steel bolts available as an extra.

Integral retainer set screws are available as an extra. Add (R) to end of catalog number. Price on application.

NOTE: Restraining set screws are not for use on Asbestos Cement, HDPE or PVC pipe.

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

JCM 307 Fabricated Reducing Flanged Coupling Adapters

The JCM 307 Reducing Fabricated Flanged Coupling Adapter combines the versatile JCM Ductile Iron Coupling system with an increaser or reducer fabricated flanged end to provide a fitting which allows for pipe misalignment, less critical pipe end preparation and ease of equipment installation and removal. The 307 FCAs are easily adapted from one type of pipe to another with the simple JCM Transition Gasket system. These FCAs simplify installations on larger A/C pipe and are available in the hard to find 10" and 12" sizes.



307 FLANGED REDUCING COUPLING ADAPTERS

NOM. PIPE SIZE (IN.)	COUPLING O.D. RANGE (IN.)	CATALOG NUMBER	(X) ADD REQUIRED FLANGE SIZE	OVERALL LENGTH	PRICE EACH
3	3.50	307-0350	X	12"	P.O.A.
	3.80 - 4.17	307-0396	X	12"	P.O.A.
4	4.50	307-0450	X	12"	P.O.A.
	4.80 - 5.10	307-0480	X	12"	P.O.A.
	5.10 - 5.40	307-0535	X	12"	P.O.A.
6	6.63	307-0663	X	12"	P.O.A.
	6.90 - 7.20	307-0690	X	12"	P.O.A.
	7.20 - 7.55	307-0740	X	12"	P.O.A.
8	8.63	307-0863	X	12"	P.O.A.
	9.05 - 9.40	307-0905	X	12"	P.O.A.
	9.40 - 9.75	307-0960	X	12"	P.O.A.
10	10.75	307-1075	X	12"	P.O.A.
	11.10 - 11.40	307-1110	X	12"	P.O.A.
	11.60 - 12.05	307-1200	X	12"	P.O.A.
12	12.75	307-1275	X	12"	P.O.A.
	13.20 - 13.50	307-1320	X	12"	P.O.A.
	13.92 - 14.40	307-1420	X	12"	P.O.A.

Epoxy coating and stainless steel bolts available as an extra.

Integral retainer set screws are available as an extra. Add (R) to end of catalog number. Price on application.

NOTE: Restraining set screws are not for use on Asbestos Cement, HDPE or PVC pipe.

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



JCM 306 and 307 Flanged Coupling Adapter Typical Specification

JCM 306 and 307 Flanged Coupling Adapter

Flanged Coupling Adapter shall be of a design which utilizes separate flange, coupling and end gaskets to provide a means for joining plain end pipe to flanged fittings, valves, meters and equipment. FCA's shall be constructed of Ductile Iron and Steel components with a flange of the same bolt pattern as the flanged fittings. Flanged Coupling Adapters shall be JCM 306 Fabricated Flange Coupling Adapter, JCM 307 Fabricated Reducing Flanged Coupling Adapter or approved equal.

JCM 300 Series Flanged Coupling Adapters (FCA) are ANSI/NSF Standard 61 Certified.



JCM Material Specification

JCM 306 & 307 Flanged Coupling Adapters

BODY & FOLLOWER: Ductile Iron ASTM A536

FLANGED END: Fabricated ASTM 285 Grade C Steel with AWWA C207 Class D Flange, with ANSI 150lb. drilling.

GASKETS: Specially compounded new rubber polymer for superior shelf life and resistance to permanent set. Recommended for water, salt solutions, mild acids and bases. Flange gasket not furnished.

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FINISH: Heavy coating of corrosion resistant shop coat primer. Optional Fusion Epoxy Coating available.