



JCM Galvanized Compression Couplings

EASY, ECONOMICAL, RELIABLE

JCM 220 Compression Couplings are quickly and easily installed, with no special pipe preparation or tools. These heavy, malleable iron fittings provide fast, simple solutions to piping problems. A few quick turns of a wrench on the hexagonal nuts at each end and the broad tapered gasket compresses into the beveled receiver ends of the body. The recessed gasket retaining cups provide even gasket pressure retention to assure long term, maintenance free service.



Install JCM 220 Compression Couplings...

- ...over plain end or threaded pipe or tubing.
- ...fast, easy with just a few turns of the wrench. No special tools needed.
- ...in confined or cramped space with no threading, flaring or precise cutting required.
- ...for easy access to the system. JCM 220 Compression Couplings can be disassembled for system maintenance and reassemble for repeat use.
- ...for economical repairs and connections with no special pipe preparation.
- ...to dampen and absorb pipe system shocks and vibrations.
- ...to accommodate misalignment of up to 6° pipe deflection or offset.
- ...as cut-ins for replacing damaged pipe sections or adding meters, valve or other fittings to the system.

JCM 220 Galvanized Compression Couplings

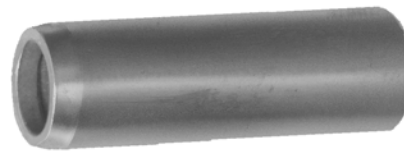


JCM 220 Galvanized Compression Fittings

NOM. PIPE SIZE (IN.)	PIPE O.D. (IN.)	CATALOG NUMBER	OVERALL LENGTH (IN.)	CTN. QTY.	CTN. WT.	APPR. WT. EACH (LBS.)
1/2	.840	220-0084-L	4-1/8	12	20	.80
3/4	1.050	220-0105-L	4-1/4	12	27	1.08
1	1.315	220-0132-L	4-1/2	12	34	1.42
1-1/4	1.660	220-0166-L	4-3/4	9	46	1.92
1-1/2	1.900	220-0190-L	5	9	56	2.33
2	2.375	220-0238-L	5-1/4	6	54	3.38

225 Insulating Adapter Gaskets

For simple transitions from iron pipe size fittings to copper tube size. Also for insulation between dissimilar metals to prevent galvanic corrosion.



225 INSULATING ADAPTER GASKETS

NOMINAL PIPE SIZES	CATALOG NUMBER
1/2 IP X 1/2 CT	225-0084-0063
3/4 IP X 3/4 CT	225-0105-0080
1 IP X 1 CT	225-0132-0113
1-1/4 IP X 1-1/4 CT	225-0166-0138
1-1/2 IP X 1-1/2 CT	225-0190-0163
2 IP X 2 CT	225-0238-0213

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JCM Compression Couplings Typical Specifications

JCM Compression Couplings

Couplings and fitting shall be of the modified wedge-gasketed, boltless, compression type for plain end pipe. Fittings shall be made from malleable iron, meeting the minimum wall thickness requirements of ASA B16.3 (150 lb. malleable iron fittings). Follower nuts shall have octagonal outside contour and shall be so machined that when assembled with a body, the inside face of the nut will bottom against the end of the body. The gasket retainer shall confine the gasket, prevent false tightness of the nut and prevent gasket from catching in the threads of the nut.

Compression Couplings shall be JCM 220 Series or approved equal.



JCM 220 Compression Couplings Installation Instructions

For use on Steel Pipe

For line content: water, salt solutions, mild acids, bases and air

1. Clean pipe surface of all dirt, rust or loose scale approximately four inches from pipe ends. Check surface where gaskets contact the pipe to insure there are no imperfections that will interfere with gasket seal. Measure pipe diameter to confirm proper size of coupling.
2. Loosen nuts of coupling approximately one turn and assure gasket is loose.
3. To ease installation, lubricate pipe and gasket with soapy-water (in freezing temperatures, ethylene glycol may be added).
4. Place a reference mark on the pipe approximately 6 inches back from the end. Insert pipe ends into coupling. Adjust coupling body to center over joint. Double check center placement by measuring from the reference mark.
5. Stabilize the coupling body to prevent rotation and tighten each nut independently.
6. Tighten nuts to approximately 75 pounds of torque.

Pressure Rating:	150 PSI
Temperature Rating:	150°F (65°C)

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

INT220-0700