



# Pipe Fittings & Fabrications for Industrial Service

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## JCM Bolted Steel Couplings for Industrial Service

### JCM 201 Steel Couplings for Steel Pipe Sizes

JCM 201 Steel Couplings provide an easy means of joining plain end pipe. These couplings are especially applicable for use on steel, galvanized, PVC and other pipe with standard steel dimensions. Implementing the principle of bolted gasket compression, the JCM 201 Steel couplings are easy to install and eliminates time consuming costly threading, beveling, exact pipe alignment and other downtime preparations.



NOMINAL PIPE SIZE		PIPE O.D. RANGE		SLEEVE THICKNESS & LENGTH (IN)	NO. OF BOLTS	CATALOG NUMBER	APPR. WT. EACH (LBS.)
IN	MM	IN	MM				
1/2	15	.84	21	.157 x 3-1/2	2	201-008401	1
3/4	20	1.05	26	.157 x 5	2	201-010501	2
1	25	1.32	33	.157 x 5	2	201-013201	3-1/2
1-1/4	32	1.66	42	.138 x 5	2	201-016601	4
1-1/2	40	1.90	48	.157 x 5	2	201-019001	4-1/2
2	50	2.38	60	.157 x 5	2	201-023800	5
2	50	2.38	60	.157 x 5	3	201-023801	7
2-1/2	65	2.88	73	.197 x 5	3	201-028801	8
3	80	3.50	88	.157 x 5	4	201-035001	10
3	80	3.50	88	.157 x 7	4	201-035002	12
4	100	4.50	114	.157 x 5	4	201-045001	12
4	100	4.50	114	.157 x 7	4	201-045002	15
5	125	5.56	141	1/4 x 5	4	201-055601	16
6	150	6.63	168	1/4 x 5	6	201-066301	18
6	150	6.63	168	1/4 x 7	6	201-066302	22
8	200	8.63	219	1/4 x 5	6	201-086301	20
8	200	8.63	219	1/4 x 7	6	201-086302	26
10	250	10.75	273	1/4 x 5	8	201-107501	32
10	250	10.75	273	1/4 x 7	8	201-107502	40
10	250	10.75	273	5/16 x 7	8	201-107507	46
12	300	12.75	323	1/4 x 5	8	201-127501	51
12	300	12.75	323	1/4 x 7	8	201-127502	58
12	300	12.75	323	5/16 x 7	8	201-127507	62
14	350	14.00	355	3/8 x 7	8	201-140007	89
16	400	16.00	406	3/8 x 7	10	201-160007	95
18	450	18.00	457	3/8 x 7	10	201-180007	102
20	500	20.00	508	3/8 x 7	12	201-200007	115
22	550	22.00	558	3/8 x 7	14	201-220007	126
24	600	24.00	609	3/8 x 7	14	201-240007	132

LARGER SIZES AVAILABLE UPON REQUEST

Note: Applications in which pipe may move out of the coupling, proper 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 - 201, 203, 204

**Middle Ring:** ASTM A-36

**Followers:** 1/2" - 12" Ductile Iron ASTM A-536; 14" and larger: ASTM A-36

**Bolts:** 1/2" through 2": ASTM A242 low alloy with yellow dichromate seal. Sizes 2-1/2" and larger: 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.

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

**Join Plain End Pipe  
Install Repair Section of Pipe**

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



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## JCM Bolted Steel Couplings for Industrial Service

### JCM 203 Steel Transition Couplings

The JCM 203 Steel Transition Coupling provides a simple means of joining plain end pipe of the same nominal size but different outside diameter dimensions. Listed are the most common sizes. Other sizes are available upon request.

NOMINAL PIPE SIZE		PIPE O.D. RANGE		CATALOG NUMBER	APPR. WT. EA. (LBS.)
IN	MM	FROM O.D. RANGE IN / MM	TO O.D. RANGE IN / MM		
14	350	15.65 / 397	15.30 / 388	203-1565-1530	85
16	400	17.80 / 452	17.40 / 441	203-1780-1740	95
18	450	19.92 / 505	19.50 / 495	203-1992-1950	115
20	500	22.06 / 560	21.60 / 548	203-2206-2160	125
24	600	26.32 / 668	25.80 / 655	203-2632-2580	145

OTHER SIZES AVAILABLE UPON REQUEST



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

Join Plain End Pipe  
Transition or Reduce  
between two pipe sizes  
Install Repair Section of Pipe

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

### JCM 204 Steel Reducing Couplings

The JCM 204 Steel Reducing Coupling is the simplest means of connecting any combination of two sizes or types of pipe. There is practically no limit to the pipe sizes that can be connected - either to reduce or increase in size. Listed are the most common sizes. Other sizes are available upon request.

NOMINAL PIPE SIZE		PIPE O.D. RANGE		CATALOG NUMBER	APPR. WT. EACH (LBS.)
IN	MM	FROM O.D. RANGE IN / MM	TO O.D. RANGE IN / MM		
14	350	15.30 / 388	14.00 / 355	204-1530-1400	170
		15.65 / 397	14.00 / 355	204-1565-1400	170
16	400	17.40 / 441	16.00 / 406	204-1740-1600	195
		17.80 / 452	16.00 / 406	204-1780-1600	195
18	450	19.50 / 495	18.00 / 457	204-1950-1800	215
		19.92 / 505	18.00 / 457	204-1992-1800	215
20	500	21.60 / 548	20.00 / 508	204-2160-2000	245
		22.06 / 560	20.00 / 508	204-2206-2000	245
24	600	25.80 / 655	24.00 / 609	204-2580-2400	290
		26.32 / 668	24.00 / 609	204-2632-2400	290

OTHER SIZES AVAILABLE UPON REQUEST



**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.