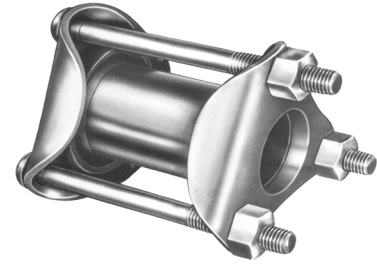


JCM 201 Steel Couplings for Steel Pipe Sizes

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.



201 STEEL COUPLINGS FOR STEEL PIPE SIZES

NOMINAL PIPE SIZE (IN.)	PIPE O.D. RANGE (IN.)	SLEEVE LENGTH & THICKNESS	NO. OF BOLTS	CATALOG NUMBER	CARTON QUANTITY	APPR. WT. EACH LBS.
1/2	.840	.140 X 3-1/2	2	201-008401	12	2
3/4	1.050	.156 X 5	2	201-010501	12	3
1	1.315	.148 X 5	2	201-013201	12	3-1/2
1-1/4	1.660	.154 X 5	2	201-016601	6	4
1-1/2	1.900	.165 X 5	2	201-019001	6	5
2	2.375	.156 x 5	2	201-023800	6	7
2	2.375	.156 X 5	3	201-023801	1	7
2-1/2	2.875	.203 X 5	3	201-028801	1	12-1/2
3	3.500	.156 X 5	4	201-035001	1	13-1/2
3	3.500	.156 X 7	4	201-035002	1	18
4	4.500	.188 X 5	4	201-045001	1	17
4	4.500	.188 X 7	4	201-045002	1	23
5	5.563	1/4 X 5	4	201-055601	1	23-1/2
6	6.625	1/4 X 5	6	201-066301	1	25-1/2
6	6.625	1/4 X 7	6	201-066302	1	31
8	8.625	1/4 X 5	6	201-086301	1	32
8	8.625	1/4 X 7	6	201-086302	1	38
10	10.750	1/4 X 5	8	201-107501	1	40
10	10.750	1/4 X 7	8	201-107502	1	49
10	10.750	3/8 X 7	8	201-107507	1	66
12	12.750	1/4 X 5	8	201-127501	1	45
12	12.750	1/4 X 7	8	201-127502	1	56
12	12.750	3/8 X 7	8	201-127507	1	80
14	14.000	1/4 X 7	8	201-140002	1	60
14	14.000	3/8 X 7	8	201-140007	1	82
16	16.000	1/4 X 7	10	201-160002	1	70
16	16.000	3/8 X 7	10	201-160007	1	96
18	18.000	1/4 X 7	10	201-180002	1	75
18	18.000	3/8 X 7	10	201-180007	1	105
20	20.000	1/4 X 7	12	201-200002	1	83
20	20.000	3/8 X 7	12	201-200007	1	129
22	22.000	1/4 X 7	14	201-220002	1	95
22	22.000	3/8 X 7	14	201-220007	1	136
24	24.000	1/4 X 7	14	201-240002	1	105
24	24.000	3/8 X 7	14	201-240007	1	156

*Light Pattern Couplings

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

JCM 201 Steel Couplings for Cast Iron Pipe Sizes



201 STEEL COUPLINGS FOR CAST IRON PIPE SIZES

NOM. PIPE SIZE (IN.)	PIPE O.D. RANGE (IN.)	SLEEVE LENGTH & THICKNESS	NO. OF BOLTS	CATALOG NUMBER	APPR. WT. EA. (LBS.)
18	19.500	3/8 X 7	12	201-195007	122
18	19.920	3/8 X 7	12	201-199207	124
20	21.600	3/8 X 7	12	201-216007	138
20	22.060	3/8 X 7	14	201-220607	141
24	25.800	3/8 X 7	15	201-258007	160
24	26.320	3/8 X 7	15	201-263207	163
30	31.740	3/8 X 7	16	201-317407	222
30	32.000	1/2 X 10	16	201-320009	270
36	37.960	1/2 X 10	18	201-379609	332
36	38.300	1/2 X 10	18	201-383009	337
42	44.200	1/2 X 10	20	201-442009	394
42	44.500	1/2 X 10	20	201-445009	398
48	50.500	1/2 X 10	22	201-505009	440
48	50.800	1/2 X 10	22	201-508009	445

Other Sizes Available Upon Request

*For Sizes 2" through 16" See JCM 210 Ductile Iron Couplings

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

Material Specifications:

Sizes 1/2" through 1-1/2":

MIDDLE RING: ASTM A513

FOLLOWERS: Ductile Iron

Sizes 2" and Larger:

MIDDLE RING: ASTM A513 or ASME SA 675 GR60

FOLLOWERS: AISI C1012 or ASME SA36

Gaskets: Specially compounded new rubber polymer for superior shelf life and resistance to permanent set. Recommended for water, salt solutions, mild acids, bases and natural gas.

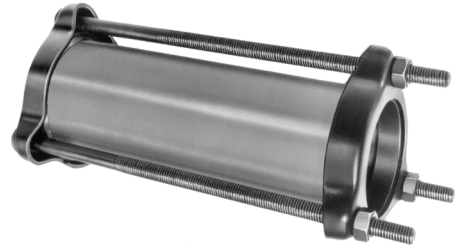
Bolts: Corrosion resistant, high strength low alloy (AWWA C-111, ANSI A21.11). Optional Stainless Steel bolts available.

Finish: Heavy coat of corrosion resistant shop coat primer. Optional Fusion Epoxy Coating available (AWWA C-213).

JCM Industries provides couplings for use on service distribution lines, intakes, pumps, connection main, replacing parts of lines for cleaning or lining jobs and various special applications.

The JCM Coupling System is a quick, dependable means of economically joining plain end pipe. These couplings provide a flexible bottle-tight connection that will last the life of the pipeline.

JCM 202 Long Steel Couplings for Steel Pipe Sizes



202 LONG STEEL COUPLINGS - STEEL PIPE SIZES

NOM. PIPE SIZE (IN.)	PIPE O.D. RANGE (IN.)	SLEEVE LENGTH & THICKNESS	NO. OF BOLTS	CATALOG NUMBER	APPR. WT. EA. (LBS.)
2	2.375	.154 X 12	3	202-023811	15
2-1/2	2.875	.203 X 12	3	202-028811	20
3	3.500	.203 X 12	4	202-035011	23
4	4.500	.203 X 12	4	202-045011	28
6	6.625	1/4 X 16	6	202-066311	51
8	8.625	1/4 X 16	6	202-086311	54
10	10.750	1/4 X 16	8	202-107511	81
12	12.750	1/4 X 16	8	202-127511	119

Smaller and Larger Sizes available upon request

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

JCM STEEL COUPLINGS OFFER THESE ADVANTAGES

- * No beveling, costly threading, exact pipe alignment or fitting is required.
- * Quick, simple to install, using only a wrench.
- * Gaskets absorb vibration and pipe movement - permits curves to be laid with straight pieces of pipe.
- * Simple, rugged and serviceable, jcm couplings are available for most sizes of steel, pvc or cast iron pipe sizes.

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. The couplings are especially useful in joining old cast iron pipe to ductile iron pipe. Listed are the most common sizes. Other sizes are available upon request. Also see JCM 212 Ductile Iron Couplings.

203 STEEL TRANSITION COUPLINGS

NOM. PIPE SIZE (IN.)	FROM O.D. RANGE (IN.)	TRANSITION TO O.D. RANGE	SLEEVE LENGTH	MIDDLE RING THICKNESS	CATALOG NUMBER	APPR. WT. EA. (LBS.)
14	15.65	15.30	7"	3/8"	203-1565-1530	104
16	17.80	17.40	7"	3/8"	203-1780-1740	117
18	19.92	19.50	7"	3/8"	203-1992-1950	131
20	22.06	21.60	7"	3/8"	203-2206-2160	148
24	26.32	25.80	7"	3/8"	203-2632-2580	175

OTHER SIZES AVAILABLE UPON REQUEST

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

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. One common use is joining large steel pipe to ductile iron or C-905 PVC pipe. Listed are the most common sizes. Other sizes are available upon request.

204 STEEL REDUCING COUPLINGS

NOM. PIPE SIZE (IN.)	FROM O.D. RANGE (IN.)	REDUCE TO O.D. RANGE (IN.)	CATALOG NUMBER	APPR. WT. EACH (LBS.)
14	15.30	14.00	204-1530-1400	170
	15.65	14.00	204-1565-1400	170
16	17.40	16.00	204-1740-1600	195
	17.80	16.00	204-1780-1600	195
	18.88	17.40	204-1888-1740	205
18	19.50	18.00	204-1950-1800	215
	19.92	18.00	204-1992-1800	215
20	21.60	20.00	204-2160-2000	245
	22.06	20.00	204-2206-2000	245
24	25.80	24.00	204-2580-2400	290
	26.32	24.00	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.



JCM 201 Steel Couplings Typical Specifications

JCM 201 Steel Couplings

Couplings shall consist of one steel middle ring, length and thickness to be specified, two steel follower flanges, two compounded wedged gaskets and a proper amount of bolts to correctly compress the gaskets into the coupling for the application.

Each coupling shall be assembled on the job in a manner to assure a permanent joint under reasonable conditions, shifting and settlement, unavoidable variations in trench gradient and any other unforeseen changes in environment.

JCM 200 Series Steel Couplings are ANSI/NSF Standard 61 Certified.



JCM 201 Steel Couplings Material Specifications

JCM 201 Steel Couplings

Sizes 1/2" through 1-1/2":

MIDDLE RING: ASTM A513

FOLLOWERS: Ductile Iron ASTM A536

Sizes 2" and Larger:

MIDDLE RING: ASTM A513 or ASME SA 675 GR60

FOLLOWERS: AISI C1012 or ASME SA36

GASKETS: Specially compounded new rubber polymer for superior shelf life and resistance to permanent set. Recommended for water, salt solutions, mild acids, bases and natural gas.

BOLTS: Corrosion resistant, high strength low alloy (AWWA C-111, ANSI A21.11), Optional Stainless Steel 18-8 available.

FINISH: Heavy coat of corrosion resistant shop coat primer. Optional fusion epoxy coating available.

WORKING PRESSURE: Working pressures are determined on the basis of Barlow's formula using a working stress equal to one half the minimum yield of the sleeve material. Please inquire about pressure rating on specific sizes.



JCM 202 Long Steel Couplings Typical Specifications

JCM 202 Steel Couplings

JCM 202 Steel Couplings shall consist of one steel middle ring, length and thickness to be specified, two steel follower flanges, two compounded wedged gaskets and a proper amount of bolts to correctly compress the gaskets into the coupling for the application.

Each coupling shall be assembled on the job in a manner to assure a permanent joint under reasonable conditions, shifting and settlement, unavoidable variations in trench gradient and any other unforeseen changes in environment.

JCM 200 Series Steel Couplings are ANSI/NSF Standard 61 Certified.



JCM 202 Long Steel Couplings Material Specifications

JCM 202 Steel Couplings Material Specifications

MIDDLE RING: ASTM A513 Steel. Minimum 10" in length. Nominal Pipe sizes 16" and 20" are 16" in length.

FOLLOWERS: AISI C1012 or ASME SA36

GASKETS: Specially compounded new rubber polymer for superior shelf life and resistance to permanent set. Recommended for water, salt solutions, mild acids, bases and natural gas.

BOLTS, NUTS

&WASHERS: Stainless Steel Type 304, 5/8" diameter

FINISH: Heavy coat of corrosion resistant shop coat primer. Optional fusion epoxy coated minimum 12 mils thickness per AWWA C-213.