



JCM Patch Clamps

JCM 110 Patch Clamps

Fast economical repair clamps to permanently repair pin holes, punctures or splits in steel pipe. These inexpensive clamps are widely used in plumbing, industrial, water, gas and irrigation markets.

- Stainless Steel band provides strength and corrosion resistance.
- Gridded Rubber Gasket provides extra sealing capability.
- Heavy plated nut provides extra strength in take up.
- Plated Drop-in Bolts speed installation. Stainless bolts available.
- Coated Ductile Iron Lug has extra long slot to speed installation.
- Lug to Lug Gasket in popular 1/2" - 2" sizes.



STEEL PIPE SIZES

NOM. PIPE SIZE (IN.)	PIPE O.D. (IN.)	CLAMP NUMBER	WIDTH (IN.)	WT. EA. LBS.	CTN. QTY.
1/2	.84	110-0084- 3	3	.6	20
		110-0084- 6	6	1.2	10
3/4	1.05	110-0105- 3	3	.6	16
		110-0105- 6	6	1.2	8
1	1.32	110-0132- 3	3	.6	16
		110-0132- 6	6	1.4	8
1-1/4	1.66	110-0166- 3	3	.7	12
		110-0166- 6	6	1.4	6
1-1/2	1.90	110-0190- 3	3	1.1	12
		110-0190- 6	6	2.2	6
2	2.38	110-0238- 3	3	1.1	8
		110-0238- 6	6	2.3	4
		110-0238- 9	9	3.4	2
		110-0238-12	12	4.5	2
2-1/2	2.88	110-0288- 3	3	1.2	8
		110-0288- 6	6	2.4	4
		110-0288- 9	9	3.6	2
		110-0288-12	12	4.8	2
3	3.50	110-0350- 3	3	1.6	8
		110-0350- 6	6	3.2	4
		110-0350- 9	9	4.8	2
		110-0350-12	12	6.4	2
4	4.50	110-0450- 3	3	1.6	8
		110-0450- 6	6	3.2	4
		110-0450- 9	9	4.8	2
		110-0450-12	12	6.4	2
5	5.56	110-0556- 3	3	1.7	8
		110-0556- 6	6	3.4	4
		110-0556- 9	9	5.1	-
		110-0556-12	12	6.8	-
6	6.63	110-0663- 3	3	1.9	8
		110-0663- 6	6	3.8	4
		110-0663- 9	9	5.7	-
		110-0663-12	12	7.6	-
8	8.63	110-0863- 3	3	2.2	8
		110-0863- 6	6	4.4	4
		110-0863- 9	9	6.6	-
		110-0863-12	12	8.8	-

DOUBLE BAND CLAMPS FOR STEEL PIPE SIZES

NOM. PIPE SIZE (IN.)	PIPE O.D. (IN.)	CLAMP NUMBER	WIDTH (IN.)	WT. EA. LBS.	CTN. QTY.
10	10.75	110-1075- 3	3	3.4	-
		110-1075- 6	6	6.8	-
		110-1075- 9	9	10.2	-
		110-1075-12	12	13.6	-
12	12.75	110-1275- 3	3	3.7	-
		110-1275- 6	6	7.4	-
		110-1275- 9	9	13.1	-
		110-1275-12	12	14.8	-

COPPER TUBE SIZES

NOM. PIPE SIZE (IN.)	PIPE O.D. (IN.)	CLAMP NUMBER	WIDTH (IN.)	WT. EA. LBS.	CTN. QTY.
1/2	.63	110-0063- 3	3	.6	20
		110-0063- 6	6	1.2	10
3/4	.88	110-0084- 3	3	.6	20
		110-0084- 6	6	1.2	10
1	1.13	110-0105- 3	3	.6	16
		110-0105- 6	6	1.2	8
1-1/4	1.38	110-0132- 3	3	.6	16
		110-0132- 6	6	1.4	8
1-1/2	1.63	110-0166- 3	3	.7	12
		110-0166- 6	6	1.4	6
2	2.13	110-0213- 3	3	1.1	8
		110-0213- 6	6	2.3	4

MATERIAL SPECIFICATIONS - JCM 110 Patch Clamps

Lug: Ductile Iron ASTM A-536
Gasket: Rubber gasket suitable for gas.
Band: Stainless Steel 18-8 Type 304
Hardware: Electro-galvanized Steel. Optional Stainless Steel available.

JCM 112 Heavy Duty Patch Clamp

JCM 113 Multi-Band Patch Clamp

Heavy Duty Patch Clamps provide fast, permanent repair of pin holes, punctures or splits in steel and other types of pipe where a beam break is not involved. The clamps are readily available for all sizes of pipe 1-1/2" and larger.

Material Specifications- JCM 112 & 113 Patch Clamps

Lug: Ductile Iron ASTM A536

Band: Stainless Steel, 18-8 Type 304

Gasket: Gridded gasket is compounded for use with water, salt solutions, mild acids and bases. Buna-N gasket is also available.

Bolt & Nuts:

Corrosion resistant, high strength low alloy (AWWA C-111, ANSI A21.11). Optional Stainless Steel, 18-8 Type 304 available.



How To Order

1. Determine pipe size.

2. Select proper clamp and width.

3. Specify clamp number.

EXAMPLE: For 8" steel pipe with 6" width, order: 112-0863-6.

For optional stainless steel bolts, add (SS) to end of part number: 112-0863-6 (SS).

112 HEAVY DUTY PATCH CLAMP

NOM. PIPE SIZE (IN.)	CLAMP O.D. RANGE	CLAMP NUMBER	WIDTH (IN.)	WT. EA. LB.
1-1/2	1.90 - 2.00	112-0190- 6 112-0190-12	6 12	6 12
2	2.38 - 2.50	112-0238- 6 112-0238-12	6 12	6 12
2-1/2	2.88 - 3.00	112-0288- 6 112-0288-12	6 12	6 12
3	3.50 - 3.88	112-0350- 6 112-0350-12	6 12	6 13
3-1/2	4.00 - 4.35	112-0400- 6 112-0400-12	6 12	7 14
4	4.50 - 4.85	112-0450- 6 112-0450-12	6 12	8 15
5	5.56 - 6.00	112-0556- 6 112-0556-12	6 12	8 15
6	6.63 - 6.90	112-0663- 6 112-0663-12	6 12	8 16
8	8.63 - 9.05	112-0863- 6 112-0863-12	6 12	8 17
10	10.00 - 10.30	112-1000- 6 112-1000-12	6 12	9 18
	10.75 - 11.10	112-1075- 6 112-1075-12	6 12	9 18
12	12.00 - 12.30	112-1200- 6 112-1200-12	6 12	9 18
	12.75 - 13.05	112-1275- 6 112-1275-12	6 12	10 20

113 MULTI-BAND PATCH CLAMP

NOM. PIPE SIZE (IN.)	CLAMP O.D. RANGE	CLAMP NUMBER	WIDTH (IN.)	WT. EA. LB.
10	10.00 - 10.75	113-1000- 6 113-1000-12	6 12	17 34
12	12.00 - 12.75	113-1200- 6 113-1200-12	6 12	19 38
14	14.00 - 14.75	113-1400- 6 113-1400-12	6 12	20 40
16	16.00 - 16.75	113-1600- 6 113-1600-12	6 12	23 46
18	18.00 - 18.75	113-1800- 6 113-1800-12	6 12	24 49
20	20.00 - 20.75	113-2000- 6 113-2000-12	6 12	26 52
22	22.00 - 22.75	113-2200- 6 113-2200-12	6 12	27 54
24	24.00 - 24.75	113-2400- 6 113-2400-12	6 12	28 56
30	30.00 - 30.75	113-3000- 6 113-3000-12	6 12	29 58
36	36.00 - 36.75	113-3600- 6 113-3600-12	6 12	31 62

LARGER OR OTHER SIZES AVAILABLE UPON REQUEST.

FOR COMPLETE BREAKS USE JCM UNIVERSAL CLAMP COUPLINGS MODELS 101, 102

JCM Industries, Inc.
P. O. Box 1220, Nash, Texas 75569-1220
Call Toll Free: 800-527-8482 or 903-832-2581
Fax Toll Free: 800-874-9524 or 903-838-6260
www.jcmindustries.com

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JCM 112 & 113 Heavy Duty Patch Clamps Typical Specifications

Heavy Duty Patch Clamps provide fast, permanent repair of pinholes, punctures or splits in steel and other types of pipe where a beam break is not involved. The clamps are readily available for all sizes of pipe 1-1/2" and larger.

Material Specifications:

Lug: Ductile Iron ASTM A536

Band: Stainless Steel, 18-8 Type 304

Gasket: Gridded gasket is compounded for use with water, salt solutions, mild acids and bases. Buna-N gasket is also available.

Bolt & Nuts:

Corrosion resistant, high strength low alloy (AWWA C-111, ANSI A21.11). Optional Stainless Steel, 18-8 Type 304 available.

JCM 110 Patch Clamp

Installation Instructions

1. Scrape and clean surface of pipe.
2. Back off nuts to end of bolts, but do not remove them. Open the clamp.
3. Lubricate cleaned area of pipe and gasket with soap-water.
4. Place clamp around pipe with gasket centered over leak. Hook bolt head into slotted lug ear and tighten to the following torque values:

3/8" bolts (sizes 1/2" - 1-1/4") to 25 ft. lbs.

7/16" bolts (sizes 1-1/2" - 8") to 35 ft. lbs.

Recommended for the following service ratings:

150 PSI Water Service

100 PSI Gas Service