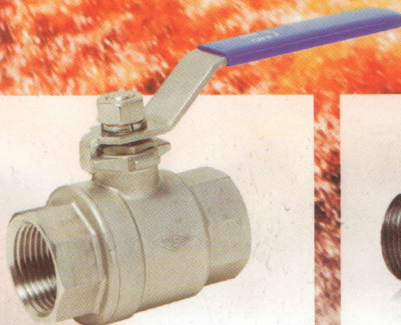




MADE IN INDIA



THREADED D.I. FITTINGS



BRASS VALVES



STEEL NIPPLES

D.I. PIPE FITTINGS

500 PSI RATED

HIGHEST PRESSURE RATING IN INDIA





LISTED



APPROVED

**D.I. PIPE FITTINGS | MCI GALVANIZED PIPE FITTINGS | FORGED BRASS VALVES |
PIPE NIPPLES | MERCHANT COUPLING**



COMPANY

INTRODUCTION

JAINSONS MALLEABLES, is a part of Jainsons Group of Industries leading manufacturer of Ductile Iron, Malleable Iron foundry in India with more than 25 years of experience. We produce Malleable & Ductile iron pipe fittings, Metal Part fittings for Insulator, Ornamental Fence fittings, structural Auto parts casting

To meet our customer's requirement we are continuously investing in our plant & machinery to offer Quality products with committed delivery period. Recently we have added two more VMC to increase our mold making capacity.

Our installed production capacity is about 200 Metric Tonnes castings per month. In 2012, we modernized our plant & migrated from Mollases Hand molding to Green Sand molding which is being done on machine moldings with Sand plant. Now we are manufacturing the castings on – Semi automatic DARPA make & Horizontal High pressure FM-1(Rhino) molding machine.

Chemical test being done via spectrometer (SPECTRO), Mechanical Testing on servo Controlled UTM machine & Image analysis (microstructure) testing of manufactured castings is done on daily basis to ensure the quality of products.

We have In-House pattern shop to make required molds quickly on VMC. We Have 12 CNC turning lathes & offer CNC machined products to our customers viz (Aditya Birla Insulators, G.K. Xianghe Electricals Pvt. Ltd, Spark Insulators, Phoenix Electricals Ins. Mat. Co. Pvt. Ltd.)

In year 2019 we installed 3 Ton electric heat treatment furnace to improve the Quality of our malleable iron castings. In same year 2019 started OEM manufacturing & started direct export of fittings to the U.K.

In Jan 2021, we had installed Electrical Hot dip Galvanizing plant with capacity of 100 MT per month In 2023. we added another 50 MT/Month gas Fired galv furnace

Moreover seeing the potential in export market for supply of MI & DI fittings, In 2020 we applied for UL & FM approval for DI & MI threaded pipe fittings. we got both approval in year 2021.

The main features of our JSI brand DI fittings MADE IN INDIA

- UL Listed (Under Writer Laboratories, USA)
- FM Approved (World's Best Agency for Fire Fighting Approval)
- Taper Threaded (Ease of Installation) - DFPT/NPT
- Made in India.

- Totally Safe & Leak Proof (Tested at Hydraulic pressure upto 2000psi)
- Accepted World Wide
- 20 – 30% lower in cost than currently used Forged Steel Fittings
- Highest working pressure rating in India 500 PSI Rating.

(Under Writer Laboratories, USA)

UL is the trusted resources across the globe for product safety certification and compliance solutions. They have officials we've Tested products for public safety for more than a century.

UL Approved
(Under Writer Laboratories, USA)



(World's Best Agency for Fire Fighting Approval)

Customers demand quality, and position in the market place depends on producing quality products. FM approval ensure the quality of our products.

(World's Best Agency for Fire Fighting Approval)



**Accepted
World Wide**

**LATEST & LOW COST
ALTERNATIVE OF
FORGED FITTINGS
TESTED
UP TO 2000PSI**





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DUCTILE IRON PIPE FITTINGS

AMERICAN STANDARD

Material : ASTM A536

Dimensions : ASME, B16.3, B16.14, EN10242

Improved Quality as compared to **EXPENSIVE FORGED FITTING**

90 Elbow, 90°



90R Elbow, 90°, Reducing



130 Tee



130R Tee, Reducing



270 Socket



270R Socket, Reducing



180 Cross



180R Cross, Reducing



241 Bushing



300 Cap



342 Union



291 Plug





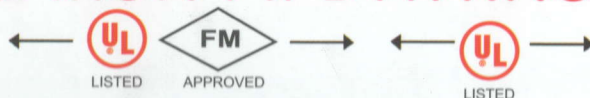
D.I. PIPE FITTINGS | MCI GALVANIZED PIPE FITTINGS | FORGED BRASS VALVES |
PIPE NIPPLES | MERCHANT COUPLING



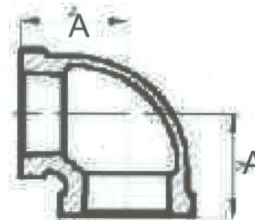
DUCTILE IRON PIPE FITTINGS

90-D

Elbow, 90°



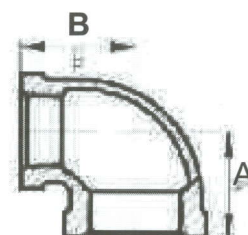
Size	Inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	
	mm	15	20	25	32	40	50	65	80	100	
Dimensions	A	28.5	33.3	38.1	44.5	49.3	57.2	68.6	78.2	96.3	
Packing Domestic		400	200	120	70	50	30				
Packing Export		200	120	70	40	30	18	10	4	2	



90R-D

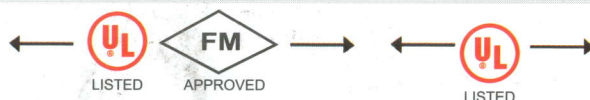
Elbow, 90°, Reducing

Size	Inch	3/4"×1/2"	1"×1/2"	1"×3/4"	1-1/4"×1/2"	1-1/4"×3/4"	1-1/4"×1"	1-1/2"×3/4"	1-1/2"×1"	1-1/2"×1-1/4"	2"×3/4"	2"×1"	2"×1-1/4"	2"×1-1/2"
	mm	20×15	25×15	25×20	32×15	32×20	32×25	40×20	40×25	40×32	50×20	50×25	50×32	50×40
Dimensions	A	30.5	32	34.8	34	36.8	40.1	38.6	41.9	46.2	40.6	43.9	48.5	51.3
	B	31	35.5	36.8	38.9	41.2	42.4	44.5	45.7	47.8	50	51.3	53.3	54.9
Packing Domestic			200	150	80	80	80		80			40	40	40
Packing Export		150	90	90	40	40	50	30	25	30	25	16	20	20

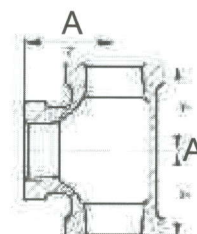


130-D

Tee



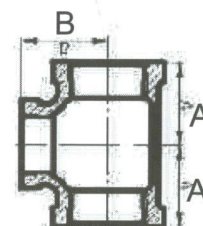
Size	Inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	
	mm	15	20	25	32	40	50	65	80	100	
Dimensions	A	28.5	33.3	38.1	44.5	49.3	57.2	68.6	78.2	96.3	
Packing Domestic		200	120	90	50	40	24				
Packing Export		140	80	45	25	20	10	6	4	2	



130R-D

Tee, Reducing

Size	Inch	3/4"×1/2"	1"×1/2"	1"×3/4"	1-1/4"×1/2"	1-1/4"×3/4"	1-1/4"×1"	1-1/2"×1/2"	1-1/2"×3/4"	1-1/2"×1"	1-1/2"×1-1/4"	2"×1/2"	2"×3/4"	2"×1"	2"×1-1/4"	2"×1-1/2"
	mm	20×15	25×15	25×20	32×15	32×20	32×25	40×15	40×20	40×25	40×32	50×15	50×20	50×25	50×32	50×40
Dimensions	A	30.5	32	34.8	34	36.8	40.1	35.8	38.6	41.9	46.2	37.9	40.6	43.9	48.3	51.3
	B	31	35.5	36.8	38.9	41.2	42.4	42.2	44.5	45.7	47.8	47.8	50	51.3	53.3	54.9
Packing Domestic			120	90	90		72	60	60	50	50	40		35	35	30
Packing Export		75	60	60	40	40	30	30	30	25	20	24	16	16	16	14





D.I. PIPE FITTINGS | MCI GALVANIZED PIPE FITTINGS | FORGED BRASS VALVES |
PIPE NIPPLES | MERCHANT COUPLING



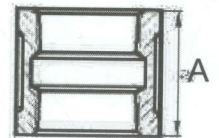
DUCTILE IRON PIPE FITTINGS

270-D

Socket/COUPLING



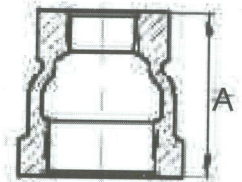
Size	Inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	
	mm	15	20	25	32	40	50	65	80	100	
Dimensions	A	34	38.6	42.4	48.4	54.6	64.3	73.2	80.8	93.7	
Packing Domestic				200	80	70	50				
Packing Export		300	150	100	60	40	24	18			



270R-D

Reducing Socket/Coupling

Size	Inch	3/4" x 1/2"	1" x 1/2"	1" x 3/4"	1-1/4" x 1/2"	1-1/4" x 1"	1-1/2" x 1/2"	1-1/2" x 1"	1-1/2" x 1-1/4"	2" x 1/2"	2" x 1"	2" x 1-1/4"	2" x 1-1/2"
	mm	20 x 15	25 x 15	25 x 20	32 x 15	32 x 25	40 x 15	40 x 25	40 x 32	50 x 15	50 x 25	50 x 32	50 x 40
Dimensions	A	36.6	42.4	42.4	52.3	52.3	58.7	58.7	58.7	71.4	71.4	71.4	71.4
Packing Domestic			400		70	120	60	100	80	40	35	30	50
Packing Export		200	120	130	70	60	30	60	50	24	60	36	35

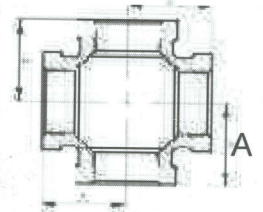


180-D

Cross



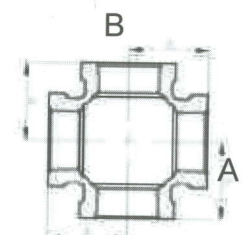
Size	Inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
	mm	15	20	25	32	40	50
Dimensions	A	28.5	33.3	38.1	44.5	49.3	57.2
Packing Domestic				50	40	30	20
Packing Export		110	60	40	18	17	7



180R-D

Cross Reducing

Size	Inch	1" x 1/2"	1-1/4" x 1"	1-1/2" x 1"	1-1/2" x 1-1/4"	2" x 1"	2" x 1-1/4"	2" x 1-1/2"
	mm	25 x 15	32 x 15	40 x 25	40 x 25	50 x 15	50 x 32	50 x 40
Dimensions	A	32	40.1	41.9	46.2	43.9	48.3	51.3
	B	35.5	42.4	45.7	47.8	51.3	53.3	54.4
Packing Domestic			60	35	40	30	24	24
Packing Export		45	20	20	18	10	8	8





D.I. PIPE FITTINGS | MCI GALVANIZED PIPE FITTINGS | FORGED BRASS VALVES |
PIPE NIPPLES | MERCHANT COUPLING

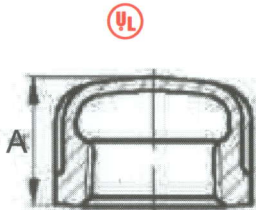


DUCTILE IRON PIPE FITTINGS

300-D

Cap

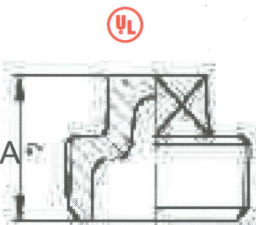
Size	Inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"			
	mm	15	20	25	32	40	50			
Dimensions	A	22.5	25	30	33	34	37			
Packing Export		500	300	140	100	80	50			



291-D

Plug

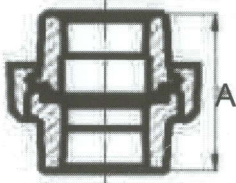
Size	Inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"			
	mm	15	20	25	32	40	50			
Dimensions	A	23.9	27.2	31.8	34.5	36.8	39.6			
Packing Export		800	500	300	100	100	50			



342-D

Union F/F, Brass to iron seat

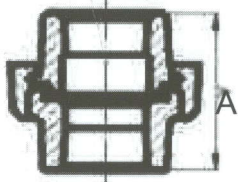
Size	Inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"			
	mm	15	20	25	32	40	50			
Dimensions	A	44	50	53	58	62	70			
Packing Domestic				100	70	60	50			
Packing Export		120	70	50	30	25	14			



340-D

Union Concial, F/F Iron to Iron

Size	Inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"			
	mm	15	20	25	32	40	50			
Dimensions	A	49	52	58	66	69	78			
Packing Domestic				100	70	60	50			
Packing Export		120	70	50	30	25	14			





D.I. PIPE FITTINGS | MCI GALVANIZED PIPE FITTINGS | FORGED BRASS VALVES |
PIPE NIPPLES | MERCHANT COUPLING

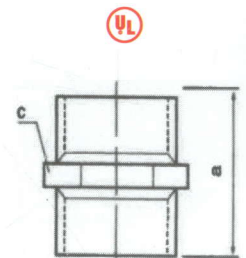


DUCTILE IRON PIPE FITTINGS

280-D

HEX NIPPLE EN: 10242

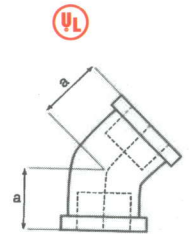
Size	Inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2 1/2"	3"	4"
	mm	15	20	25	32	40	50	65	80	100
Dimensions	A	44	47	53	57	59	68	75	83	95
Packing Export		350	200	130	70	60	30	18	12	6



120-D

ELBOW 45°

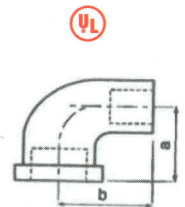
Size	Inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"			
	mm	15	20	25	32	40	50			
Dimensions	A	22.4	25	28.5	32.8	36.3	42.7			
Packing Export		200	150	90	45	30	20			



92-D

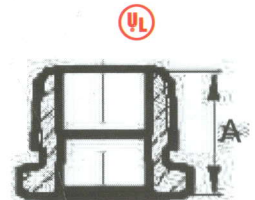
M/F ELBOW

Size	Inch	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"			
	mm	15	20	25	32	40	50			
Dimensions	A	28.5	33.3	38.1	44.5	49.3	57.2			
Dimensions	B	41.2	48	54.4	62.2	68.3	81.8			
Packing Export		200	120	70	40	30	18			



241-D Bushing

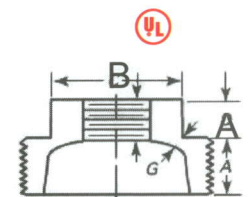
Size	Inch	1" x 1/2"	1" x 3/4"	1-1/4" x 3/4"	1-1/4" x 1"	1-1/2" x 1"	1-1/2" x 1-1/4"	2" x 1-1/4"	2" x 1-1/2"
	mm	25X15	25X20	32X20	32X25	40X25	40X32	50X32	50X40
Dimensions	A	26	26	27.5	27.5	29	29	31	31
Dimensions	B	36.1	36.1	44.7	44.7	50.8	50.8	63	63
Packing Domestic		300	300		200	200	100	100	100
Packing Export		250	250	130	130	110	110	50	50



241-N

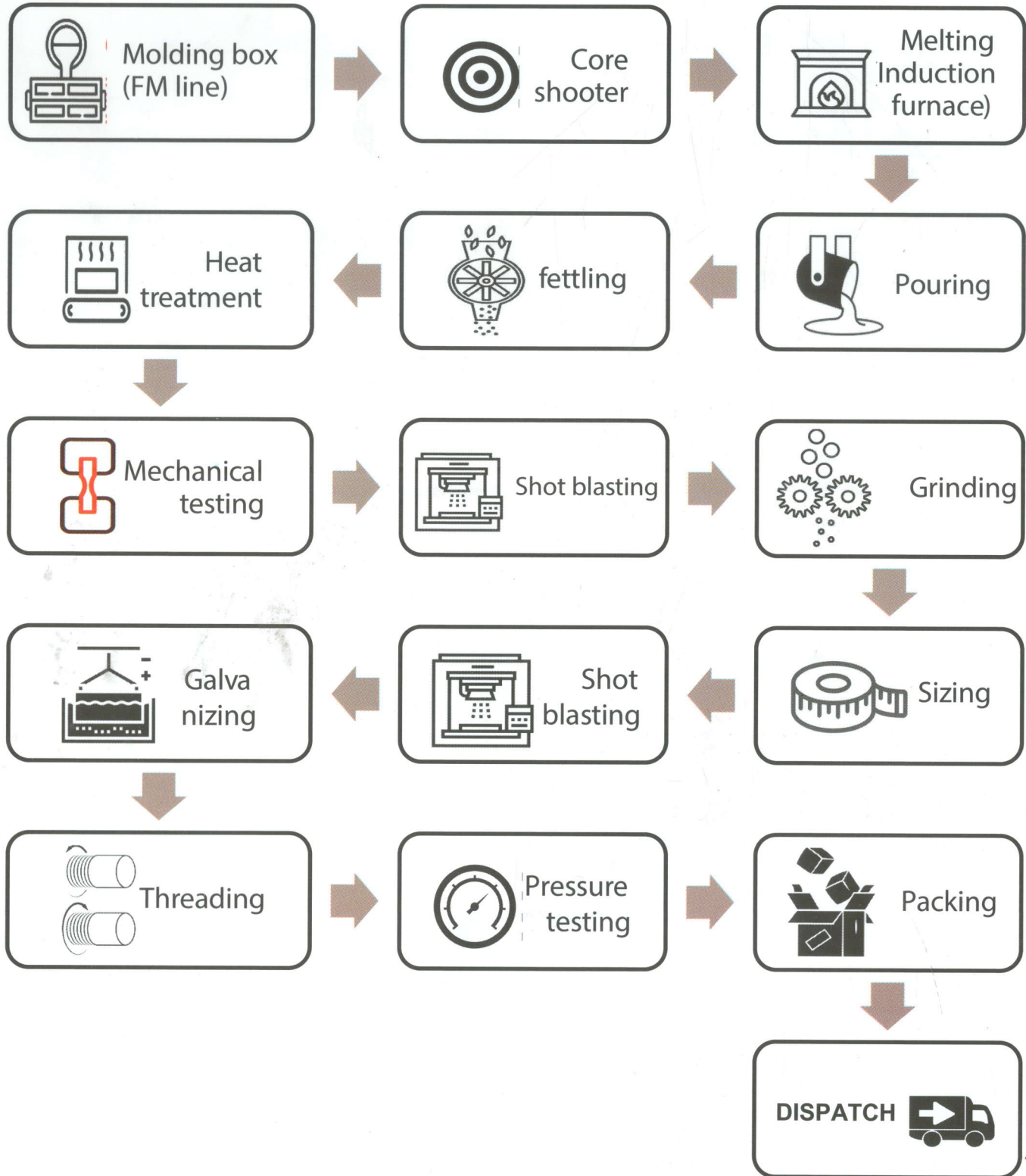
Reducer Bush Insider

Size	Inch	1-1/4" x 1/2"	1-1/2" x 1/2"	1-1/2" x 3/4"	2" x 1/2"	2" x 3/4"	2" x 1"			
	mm	32x15	40x15	40x20	50x15	50x20	50x25			
Dimensions	A	29	30.5	30.5	33	33	33			
	B	34	34	41.4	34	41.4	49.5			
Packing Export		130	120	110	50	50	50			





PROCESS FLOW CHART





JAINSONS MALLEABLES

B-3 SPORTS & SURGICAL COMPLEX, KAPURTHALA ROAD,
JALANDHAR - 144 021 (Pb.) INDIA.

Mob.: +91 85580 - 65033 | Web: www.jainsonsmalleables.com

Email: sales@jainsonsmalleables.com

Export Channel Partner - India Valves & Fittings (for Qatar And Dubai)