



ISI PIPE FITTINGS
VALVES & COCKS



XTRA HEAVY
PREMIUM PIPE FITTINGS



BEST IN QUALITY



SINCE 1959



If you must buy the best
in plumbing do remember
the name 



JUPITER METAL INDUSTRIES

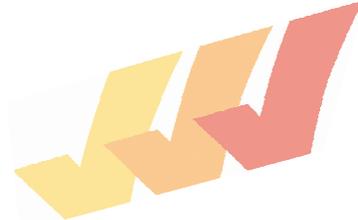
AN ISO 9001:2015 CERTIFIED CO.

Registered with

CERTIFICATION OF ISO 9001:2015



ISI PIPE FITTINGS



BIS CERTIFICATION OF IS:1879

BIS CERTIFICATION OF IS:778



CERTIFICATE



This is to certify that

Jupiter Metal Industries (Jal)
B-22, Focal Point Extension
Jalandhar- 144 012
Punjab
INDIA

has implemented and maintains a **Quality Management System**.

Scope:
Manufacture of Galvanized /Black Malleable Cast Iron pipe Fittings (From 1/4" to 6"), MS Forged Pipe Fittings (from 1/2" to 3"), CI Bib taps, Gun metal & Brass Valves and Cocks

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standard:

ISO 9001 : 2015

Certificate registration no. 50253376 QM15
Date of original certification 2019-01-19
Date of certification 2022-01-19
Valid until 2025-01-18




DQS Inc.
Brad McGuire
Brad McGuire
Managing Director

Accredited Body: DQS Inc., 1500 McConnor Parkway, Suite 400, Schaumburg, IL 60173 USA
Administrative Office: Deutsch Quality Systems (India) Pvt. Ltd., 5th Floor, Arjaneya Techno Park, 147, HAL Airport Road, Kodihalli, Bangalore - 560 017 - India




भारतीय मानक ब्यूरो
BUREAU OF INDIAN STANDARDS

उत्तर क्षेत्रीय कार्यालय,
NORTHERN REGIONAL OFFICE
B-22, FOCAL POINT EXTENSION, JALANDHAR CITY-144012
फोन: 310205, 310215, 310216, 310217, 310218, 310219, 310220, 310221, 310222, 310223, 310224, 310225, 310226, 310227, 310228, 310229, 310230, 310231, 310232, 310233, 310234, 310235, 310236, 310237, 310238, 310239, 310240, 310241, 310242, 310243, 310244, 310245, 310246, 310247, 310248, 310249, 310250, 310251, 310252, 310253, 310254, 310255, 310256, 310257, 310258, 310259, 310260, 310261, 310262, 310263, 310264, 310265, 310266, 310267, 310268, 310269, 310270, 310271, 310272, 310273, 310274, 310275, 310276, 310277, 310278, 310279, 310280, 310281, 310282, 310283, 310284, 310285, 310286, 310287, 310288, 310289, 310290, 310291, 310292, 310293, 310294, 310295, 310296, 310297, 310298, 310299, 310300, 310301, 310302, 310303, 310304, 310305, 310306, 310307, 310308, 310309, 310310, 310311, 310312, 310313, 310314, 310315, 310316, 310317, 310318, 310319, 310320, 310321, 310322, 310323, 310324, 310325, 310326, 310327, 310328, 310329, 310330, 310331, 310332, 310333, 310334, 310335, 310336, 310337, 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Company Profile

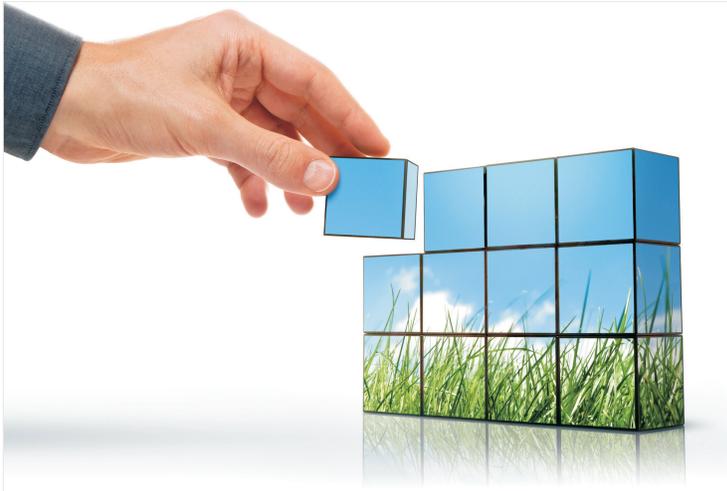
Brief Introduction

Jupiter Metal Industries (Jal) an ISO 9001:2015 Certified Company was established in 1993-94 as a small-scale unit. This company was another milestone achieved by this business family who is in the field of MCI Pipe Fittings, Valves & Cocks since 1959 with their parental concern namely Jupiter Metal Industries (Regd.) The company is engaged in manufacturing of Malleable Cast Iron Pipe Fittings in full range size ranging from 1/8" to 6" under the brand name of "KIRTI"

For over 65 years Jupiter Metal Industries has been a trusted name in piping solutions by consistently providing quality products, service and support to pipe fitting & valves industry. Our ability to provide cost-efficient piping packages that are tailored to individual markets is unmatched in the industry. From plumbing, mechanical and fire protection to mining, oil, gas and house service connection, our innovative response are designed to meet our customer's specific demands.

Under the Spirit of "Quality First, Customer Highest, Services Excellent", **Jupiter Metal Industries** is sincerely hoping to build a successful & long term co-operation & relationship with customers from all over the world: Step by Step, Farther and Forever.....





Company Policy

Company Policy

Customer Service :

We are having major distribution centers located throughout India. Customer satisfaction has always been Jupiter / KIRTI 's objective. Our experienced Sales and Customer service team is knowledgeable and eager to serve our customers, validating our company's motto **"Building Connections that last"** Jupiter Metal Industries (Jal.) is sincerely helping to set up a successful and long term relationship with customer.

Jupiter Metal Industries (Jal) is producing quality products while being conscious of the environmental impact of the production process & social obligations such as :

- No Child Labour
- No Forced Labour
- Hygienic working condition
- Installation of pollution control devices



Scope of Application

- All types of Building Construction including Multi Storey Buildings
- Refineries, Steel Plants, Shipyards & Automobiles,
- Agriculture and Water Supply Scheme in various Towns & Villages
- Various Government & Semi Government departments
- House Service Connections





Quality Management

Jupiter Metal Industries (JaI) is equipped with most upto date and sophisticated laboratories, measuring instruments, testing equipments along with latest instruments for carrying out rigid quality controls. Our workshops, furnaces, laboratory are equipped with best devices such as Controlling Devices, Recording & Monitoring Devices, Precision Gauges so as to ensure the quality of raw material and finished products.

On account of our continuous effort to adopt latest technologies, developments in the field we are able to supply our products to the entire country and to foreign countries also. Because of our vast experience in the field we have earned good reputation in domestic as well as international market. We are blessed with an excellent work force, which is the back bone of our company.

We conduct continuous quality checks on our products through specialized personnel and third party companies. This ensures that our products are the best in the industry and are appreciated for their quality & performance by all our clients. All the products are thoroughly inspected quality wise by us to ensure that they meet technical specification as stated by the customer.

Our Quality Policy

At Jupiter/Kirti, we pair the best service with the best technology—a perfect 'Zero defect' technology that keeps us one step ahead from others. Manufacturing process to achieve zero-defect products.

As a company we are known for our quality products. Therefore, each product is subjected to a demanding quality control procedure to make sure they confirm to Indian as well as International standards.

Features

Features:

- Product of an ISO 9001:2015 Certified Company
- Most durable & dependable Fittings
- Each & every fitting undergoes tough & rigid quality control test
- Best for underground pipe system, rust & leak proof
- Trusted name for water, oil & gas application
- Perfect threading & thread alignment
- Huge dealers network all over India
- Continuous effort to adopt latest technology & development
- Full testing of material to keep the quality of the product up to the mark
- Vast experience of more than 6 decades in field



ISI PIPE FITTINGS



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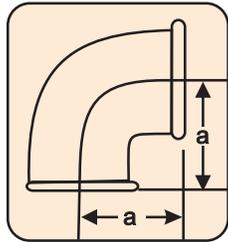


SPECIAL RANGE
FOR JAL JEEWAN
MISSION SCHEME 36-37



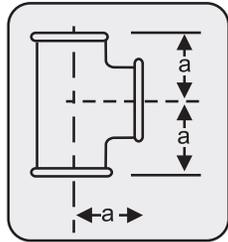
PROCESS FLOW CHART 38-39

Size, Designation and Dimensions of Malleable Pipe Fittings As Per IS:1879-2010



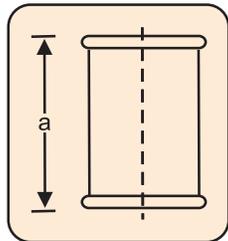
ELBOW A1

Inches	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
mm	8	10	15	20	25	32	40	50	65	80	100	125	150
a	21	25	28	33	38	45	50	58	69	78	96	115	131



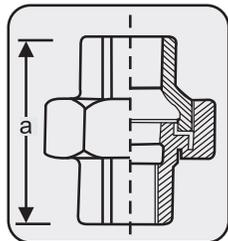
TEE B 1

Inches	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
mm	8	10	15	20	25	32	40	50	65	80	100	125	150
a	21	25	28	33	38	45	50	58	69	78	96	115	131



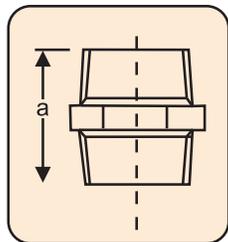
SOCKET M 2

Inches	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
mm	8	10	15	20	25	32	40	50	65	80	100	125	150
a	27	30	36	39	45	50	55	65	71	78	94	109	120



UNION U 1

Inches	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
mm	8	10	15	20	25	32	40	50	65	80	100	125	150
a	42	45	48	52	58	65	70	78	85	95	110	135	150



NIPPLE N 8

Inches	1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
mm	8	10	15	20	25	32	40	50	65	80	100	125	150
a	36	38	44	47	53	57	59	68	75	83	95	--	--

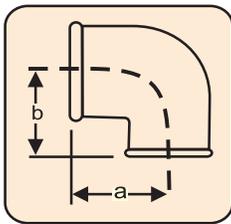


Malleable Cast Iron Pipe Fittings

PIPE FITTINGS

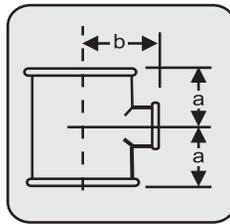
www.kirtipipefittings.com

Size, Designation and Dimensions of Malleable Pipe Fittings As Per IS:1879-2010



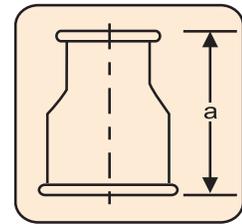
REDUCING ELBOW A 1

Inches	mm	a	b
3/4x1/2	20x15	30	31
1x1/2	25x15	32	34
1x3/4	25x20	35	36
1-1/4x1/2	32x15	34	39
1-1/4x3/4	32x20	36	41
1-1/4x1	32x25	40	42
1-1/2x1/2	40x15	36	42
1-1/2x3/4	40x20	39	44
1-1/2x1	40x25	42	46
1-1/2x1-1/4	40x32	46	48
2x1/2	50x15	38	48
2x3/4	50x20	41	50
2x1	50x25	44	51
2x1-1/4	50x32	48	53
2x1-1/2	50x40	52	55
2-1/2x1/2	65x15	41	57
2-1/2x3/4	65x20	44	59
2-1/2x1	65x25	47	60
2-1/2x1-1/4	65x32	52	62
2-1/2x1-1/2	65x40	55	63
2-1/2x2	65x50	61	66
3x1/2	80x15	45	64
3x3/4	80x20	47	66
3x1	80x25	51	67
3x1-1/4	80x32	55	70
3x1-1/2	80x40	57	71
3x2	80x50	63	73
3x2-1/2	80x65	71	76
4x1/2	100x15	49	77
4x3/4	100x20	53	79
4x1	100x25	56	82
4x1-1/4	100x32	61	83
4x1-1/2	100x40	64	85
4x2	100x50	68	86
4x2-1/2	100x65	76	89
4x3	100x80	85	93



REDUCING TEE B 1

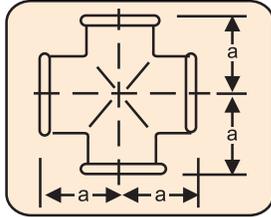
Inches	mm	a	b
3/4x1/2x3/4	20x15x20	30	31
1x1/2x1	25x15x25	32	34
1x3/4x1	25x20x25	35	36
1-1/4x1/2x1-1/4	32x15x32	34	38
1-1/4x3/4x1-1/4	32x20x32	36	41
1x1-1/4x1x1-1/4	32x25x32	40	42
1-1/2x1/2x1-1/2	40x15x40	36	42
1-1/2x3/4x1-1/2	40x20x40	38	44
1-1/2x1x1-1/2	40x25x40	42	46
1-1/2x1-1/4x1-1/2	40x32x40	46	48
2x1/2x2	50x15x50	38	48
2x3/4x2	50x20x50	40	50
2x1x2	50x25x50	44	52
2x1-1/4x2	50x32x50	48	54
2x1-1/2x2	50x40x50	52	55
2-1/2x1/2x2-1/2	65x15x65	41	57
2-1/2x3/4x2-1/2	65x20x65	44	59
2-1/2x1x2-1/2	65x25x65	47	60
2-1/2x1-1/4x2-1/2	65x32x65	52	62
2-1/2x1-1/2x2-1/2	65x40x65	55	63
2-1/2x2x2-1/2	65x50x65	61	66
3x1/2x3	80x15x80	45	64
3x3/4x3	80x20x80	47	66
3x1x3	80x25x80	51	67
3x1-1/4x3	80x32x80	55	70
3x1-1/2x3	80x40x80	58	71
3x2x3	80x50x80	64	73
3x2-1/2x3	80x65x80	72	76
4x1/2x4	100x15x100	50	78
4x3/4x4	100x20x100	56	80
4x1x4	100x25x100	58	81
4x1-1/4x4	100x32x100	58	82
4x1-1/2x4	100x40x100	64	85
4x2x4	100x50x100	70	86
4x2-1/2x4	100x65x100	76	90
4x3x4	100x80x100	84	92



REDUCING SOCKET M 2

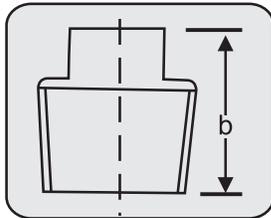
Inches	mm	a
3/4x1/2	20x15	39
1x1/2	25x15	45
1x3/4	25x20	45
1-1/4x1/2	32x15	50
1-1/4x3/4	32x20	50
1-1/4x1	32x25	50
1-1/2x1/2	40x15	55
1-1/2x3/4	40x20	55
1-1/2x1	40x25	55
1-1/2x1-1/4	40x32	55
2x1/2	50x15	65
2x3/4	50x20	65
2x1	50x25	65
2x1-1/4	50x32	65
2x1-1/2	50x40	65
2-1/2x1/2	65x15	71
2-1/2x3/4	65x20	71
2-1/2x1	65x25	71
2-1/2x1-1/4	65x32	74
2-1/2x1-1/2	65x40	74
2-1/2x2	65x50	74
3x1/2	80x15	78
3x3/4	80x20	78
3x1	80x25	78
3x1-1/4	80x32	78
3x1-1/2	80x40	80
3x2	80x50	80
3x2-1/2	80x65	80
4x1/2	100x15	93
4x3/4	100x20	93
4x1	100x25	93
4x1-1/4	100x32	93
4x1-1/2	100x40	94
4x2	100x50	94
4x2-1/2	100x65	94
4x3	100x80	94

Size, Designation and Dimensions of Malleable Pipe Fittings As Per IS:1879-2010



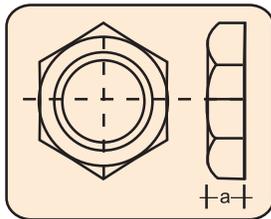
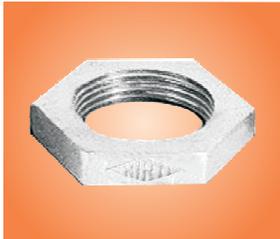
**CROSS
 C1**

Inches	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
mm	15	20	25	32	40	50	65	80	100	125	150
a	28	33	38	45	50	58	69	78	96	115	131



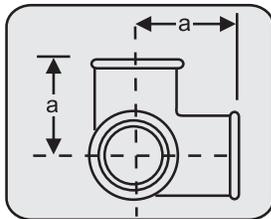
**PLUG
 T8**

Inches	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
mm	15	20	25	32	40	50	65	80	100	125	150
b	18	20	23	29	30	36	39	44	58	68	70



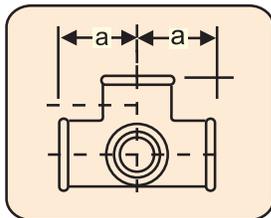
**BACK NUT
 (CHECKNUT)
 P 4**

Inches	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
mm	15	20	25	32	40	50	65	80	100	125	150
a	8	9	10	11	12	13	16	19	21		



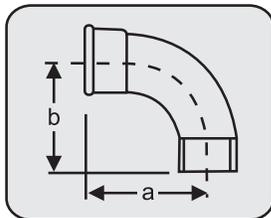
**SIDE OUTLET
 (3- WAY ELBOW)
 Za1**

Inches	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
mm	15	20	25	32	40	50	65	80	100	125	150
a	28	33	38	45	50	58	69	78	96	115	131



**SIDE OUTLET
 TEE
 (4-WAY TEE)
 Za2**

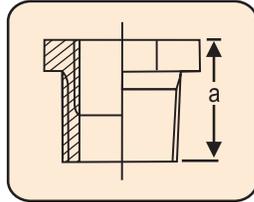
Inches	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
mm	15	20	25	32	40	50	65	80	100	125	150
a	28	33	38	45	50	58	69	78	96	115	131



**LONG SWEEP BEND
 (SHORT BEND)
 MALE/FEMALE
 G 4**

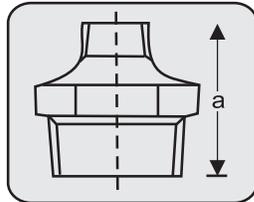
Inches	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
mm	15	20	25	32	40	50	65	80	100
a	55	69	85	105	116	140	176	205	260
b	48	60	75	95	105	130	165	190	245

Size, Designation and Dimensions of Malleable Pipe Fittings As Per IS:1879-2010



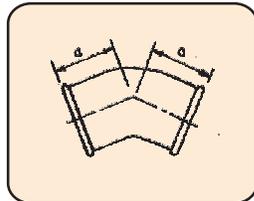
REDUCING BUSHING (N4)

Inches	3/4x1/2	1x1/2	1x3/4	1-1/4x1/2	1-1/4x3/4	1-1/4x1	1-1/2x1/2	1-1/2x3/4	1-1/2x1	1-1/2x1-1/4	
a mm	26	29	29	31	31	31	31	31	31	31	
Inches	2x1/2	2x3/4	2x1	2x1-1/4	2x1-1/2	2-1/2x1-1/2	2-1/2x2	3x1-1/2	3x2	4x-2-1/2	4x3
a mm	35	35	35	35	35	40	40	44	44	51	51



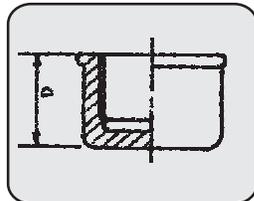
REDUCING NIPPLE (N8)

Inches	3/4x1/2	1x1/2	1x3/4	1-1/4x1/2	1-1/4x3/4	1-1/4x1	1-1/2x1/2	1-1/2x3/4	1-1/2x1	1-1/2x1-1/4
a mm	47	53	53	57	57	57	59	59	59	59
Inches	2x1/2	2x3/4	2x1	2x1-1/4	2x1-1/2	2-1/2x1-1/2	2-1/2x2	3x1-1/2	3x2	
a mm	68	68	68	68	68	75	75	83	83	



ELBOW 45° (A1/45°)

Inches	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
a mm	22	25	28	33	36	43	52	58	66	77.5	88



ROUND CAP T2

Inches	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4	5	6
mm	15	20	25	32	40	50	65	80	100	125	150
a	19	22	24	27	27	32	35	38	45	---	51

TOLERANCES (As per Indian Standards)

TOLERANCES IN DIMENSIONS

DIMENSIONS		TOLERANCES
Above mm	Upto and including mm	mm
-	30	± 1.5
30	50	± 2.0
50	75	± 2.5
75	100	± 3.0
100	150	± 3.5

TOLERANCES IN WALL THICKNESS

Size designation in mm	8	10	15	20	25	32	40	50	65	80	100	125	150
Size designation in inch	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"	5"	6"
Thickness in mm	2.5	2.5	2.5	3.0	3.0	3.5	3.5	4.0	4.5	5.0	6.0	6.5	7.5
Tolerance in mm	-0.5	-0.5	-0.5	-0.7	-0.7	-0.7	-0.7	-0.7	-1.0	-1.0	-1.0	-1.0	-1.0

* No limit for plus tolerance.

NOTE: (1) Centre-to-face dimensions apply to Elbows, Tees, Crosses & Bends etc.

(2) Face-to-Face dimension apply to Sockets, Union & Hex Nipples etc.

Specifications

- MATERIAL** : Black heart malleable cast iron as per IS : 14329-1995 Grade BM300
- COMPRESSION** : Up to 2" Compression is 5% (Min.) 2 1/2" to 6" Compression is 3%(Min.)
- GALVANIZATION** : Hot dip galvanized as per IS 4759-1996. Minimum Zinc coating 610gm/m²
- THREADS** : As per IS : 554-1999 both parallel & taper.
- DIMENSIONS** : Malleable Cast Iron pipe fittings as per IS :1879-2010 Part 1 to 3
- PRESSURE** : 21Kg/cm² - 300lbs/inch² (Hydraulic)

Malleable Cast Iron Pipe Fittings as per IS:1879-2010 part 1 to 3 to ensure high quality & correctness of raw material as well as semi finished material, various tests are performed. the following chart shows Chemical Composition & Physical Properties of Brand pipe fittings

Chemical Composition

- CARBON (C):** 2.5% to 2.9%
- SILICON (Si) :** .0.9% to 1.10%
- MANGANESE (Mn):** 0.2% to 0.4%
- SULPHUR (S) :** 0.06% to 0.1%
- PHOSPHORUS (P) :** According to grade required by the customer or BM300

Physical Properties

- BRINELL HARDNESS:** 150 BHN Maximum.
- TENSILE STRENGTH :** 33 to 36 kg/mm² More than 300Mpa
- PERCENTAGE ELONGATION :** Min. 6%

Galvanized/Black Malleable Iron Pipe Fittings (Class 150) Standards Specifications:

STANDARDS	AMERICAN	BRITISH	DIN	BIS
Design	ANSI/ASME B-16.3 ANSI/ASME B-16.14 ANSI/ASME B-16.39	BS EN 10242	EN 10242	IS:1879-2010
Threads	ANSI/ASME B-1.20.1	BS 21	ISO7-1, ISO 228-1	IS:554-1985
Material	ASTM A-197	BS 6681	EN 1562	As Per 14329-1995
Galvanizing	ASTM A-153	BS 729	DIN 2950	IS:4759-1995
TYPE	BANDED	BANDED	BEADED	PLAIN



NON ISI EXTRA HEAVY PIPE FITTINGS (BOX PACKING)



SPECIFICATIONS

MATERIAL : Black heart malleable cast iron as per IS : 14329:1995 Grade BM-300

THREADS : Threads of **KIRTI** Pipe Fittings both taper and parallel threads as per IS : 554-1985 and ISO 7/1-1982

GALVANIZING : **KIRTI** Pipe fittings are galvanized as per IS : 4759:1996

COMPRESSION TEST : This test conduct to judge the malleability of pipe fittings as per IS :1879:1987

PRESSURE TEST :

1. Hydraulic Pressure: 2.1 Mpa or 300lb/in²
2. Air pressure : 1.05 Mpa or 150 lb/in²

MECHANICAL TESTS

1. MALLEABILITY TEST :

To ensure that the **KIRTI** pipe fittings are properly malleabilised, we perform the malleability test.

2. TENSILE TEST :

To ensure that the **KIRTI** pipe fittings are properly annealed and have attained the required tensile strength & elongation, we perform the tensile test.

3. PRESSURE TEST :

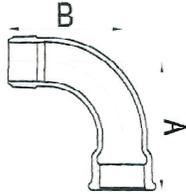
To ensure that **KIRTI** pipe fittings do not leak when installed to a pipe line system, we perform the pressure test.

STANDARDS	AMERICAN	BRITISH	DIN	BIS
Design	ANSI/ASME B-16.3 ANSI/ASME B-16.14 ANSI/ASME B-16.39	BS EN 10242	EN 10242	IS:1879-2010
Threads	ANSI/ASME B-1.20.1	BS 21	ISO7-1, ISO 228-1	IS:554-1985
Material	ASTM A-197	BS 6681	EN 1562	As Per 14329-1995
Galvanizing	ASTM A-153	BS 729	DIN 2950	IS:4759-1995
TYPE	BANDED	BANDED	BEADED	PLAIN



 220 Socket	 220S Socket R/L	 240 Reducing Socket	 241 Bushing	 241D Bushing	 245 Reducing Hexagon Nipple	 246 Reducing Socket M/F
 270 Parallel Thread Socket	 280 Hexagon Nipple	 291 Plain Plug	 291LM Plain Plug	 291N Countersunk Plug	 291S Solid Plug	 300 Cap
 310 Locknut	 312 Backnut	 321-4 Flange Bs4504	 321-6 Flange 1600/4	 321-H Flange	 321P Flange	 321PW Flange
 321TD Flange	 330 Flat Seat Union	 330D Flat Seat Union	 331 Flat Seat Union M/F	 340 Conical Joint Union	 340Q Deflection Union	 341 Conical Joint Union M/F
 342 Conical Joint Union	 342A Double Bronze Navy Union	 526 Long Adapter M/F	 529A Long Extension Piece	 529X Short Extension Piece	 1221 Side Outlet Elbow	 1223 Side Outlet Tee
 1224 Side Outlet Cross	 LAA Coupling Luck F/F	 LAF Coupling Luck M/F	 LCC Long Compression Coupling	 SCC Short Compression Coupling	 TCC Compression Tee	

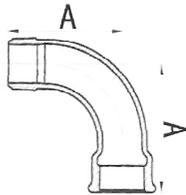
ART NO.1



LONG SWEEP BEND 90° M/F

Size	Inch	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
Dim. (mm)	A	48	55	69	85	105	116	140	176	205	260
Dim. (mm)	B	42	48	60	75	95	105	130	165	190	245

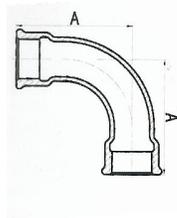
ART NO.1A



SHORT BEND 90° M/F

Size	Inch	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
Dim. (mm)	A	36	45	50	63	76	85	102	115	127	165

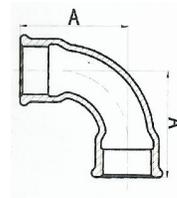
ART NO.2



LONG SWEEP BEND 90° FEMALE

Size	Inch	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
Dim. (mm)	A	48	55	69	85	105	116	140	176	205	260

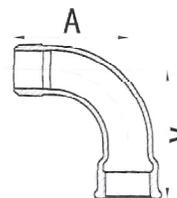
ART NO.2A



SHORT BEND 90° FEMALE

Size	Inch	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
Dim. (mm)	A	36	45	50	63	76	85	102	115	127	165

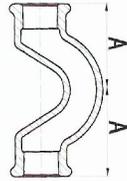
ART NO.3



LONG SWEEP BEND 90° MALE

Size	Inch	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2		
Dim. (mm)	A	42	48	60	75	95	105	130	165		

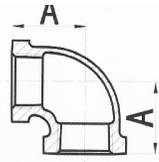
ART NO.85



CROSSOVER

Size	Inch	1/2	3/4	1	1.1/4
Dim. (mm)	A	45	54	70	85

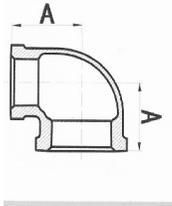
ART NO.90



ELBOW 90°

Size	Inch	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
Dim. (mm)	A	25	28	33	38	45	50	58	69	78	96

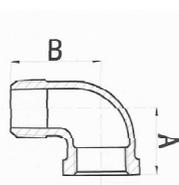
ART NO.90R



REDUCING ELBOW 90°

Size	Inch	1/2X3/8	3/4X1/2	1X3/8	1X1/2	1X3/4	1.1/4X1/2	1.1/4X3/4	1.1/4X1	1.1/2X3/4
Dim. (mm)	A B	26 26	30 30	32 32	32 32	35 35	35 35	36 36	40 40	38 38
Size	Inch	1.1/2X1	1.1/2X1.1/4	2X1	2X1.14	2X1.1/2				
Dim. (mm)	A B	42 42	46 46	44 44	48 48	52 52				

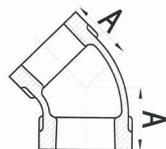
ART NO.92



ELBOW 90° MALE/FEMALE

Size	Inch	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
Dim. (mm)	A	25	28	33	38	45	50	58	69	78	96
Dim. (mm)	B	32	37	43	52	60	65	74	88	98	118

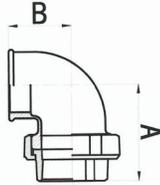
ART NO.120



ELBOW 45°

Size	Inch	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	
Dim. (mm)	A	20	22	25	28	33	36	43	48	54	

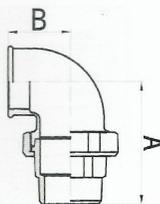
ART NO.95/96



UNION ELBOW, TAPER SEAT, F/F
UNION ELBOW, FLAT SEAT, F/F

Size	Inch	1/2	3/4	1	1.1/4	1.1/2	2			
Dim. (mm)	A	58	62	72	82	90	100			
Dim. (mm)	B	28	33	38	45	50	58			

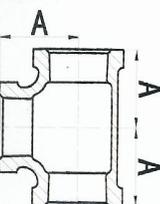
ART NO.97,98



UNION ELBOW, M/F, FLAT SEAT
UNION ELBOW, M/F, TAPER SEAT

Size	Inch	1/2	3/4	1	1.1/4	1.1/2	2			
Dim. (mm)	A	28	33	38	45	50	58			
Dim. (mm)	B	58	62	72	82	90	100			

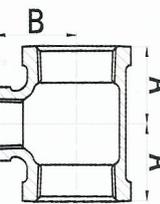
ART NO.130



TEE, EQUAL

Size	Inch	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
Dim. (mm)	A	25	28	33	38	45	50	58	69	78	96

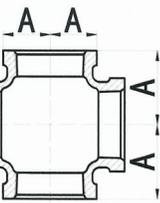
ART NO.130R



REDUCING TEE

Size	Inch	1/2X3/8	3/4X1/2	1X1/2	1X3/4	1.1/4X1/2	1.1/4X3/4	1.1/4X1	1.1/2X1/2	1.1/2X3/4
Dim. (mm)	A									
	B	26	31	34	36	34	36	40	36	36
Size	Inch	1.1/2X1	1.1/2X1.1/4	2X1/2	2X3/4	2X1	2X1.1/4	2X1.1/2		
Dim. (mm)	A	42	46	38	40	44	48	52		
	B									

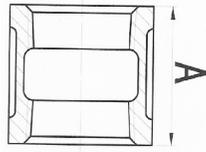
ART NO.180



CROSS

Size	Inch	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
Dim. (mm)	A	28	33	38	45	50	58	69	78	96

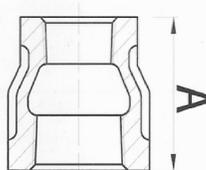
ART NO.220



SOCKET

Size	Inch	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
Dim. (mm)	A	30	36	39	45	50	56	65	74	80	94

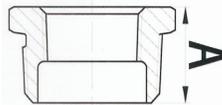
ART NO.240



REDUCING SOCKET

Size	Inch	1/2X3/8	3/4X1/2	1X1/2	1X3/4	1.1/4X1/2	1.1/4X3/4	1.1/4X1	1.1/2X1/2	1.1/2X3/4
Dim. (mm)	A	36	39	45	45	50	50	50	55	55
Size	Inch	1.1/2X1	1.1/2X1.1/4	2X1/2	2X3/4	2X1	2X1.1/4	2X1.1/2		
Dim. (mm)	A	55	55	65	65	65	65	65		

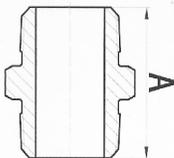
ART NO.241



REDUCING BUSHING

Size	Inch	1/2X3/8	3/4X1/2	1X1/2	1X3/4	1.1/4X1/2	1.1/4X3/4	1.1/4X1	1.1/2X1/2	1.1/2X3/4
Dim. (mm)	A	24	26	29	29	31	31	31	31	31
Size	Inch	1.1/2X1	1.1/2X1.1/4	2X1/2	2X3/4	2X1	2X1.1/4	2X1.1/2		
Dim. (mm)	A	31	33	35	35	37	37	37		

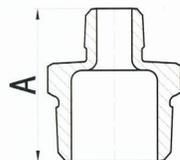
ART NO.280



HEXAGON NIPPLE

Size	Inch	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
Dim. (mm)	A	38	44	47	53	57	59	68	75	83	95

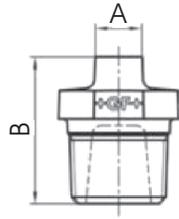
ART NO.245



REDUCING HEXAGON NIPPLE

Size	Inch	3/8X1/2	3/4X1/2	1X1/2	1X3/4	1.1/4X1/2	1.1/4X3/4	1.1/4X1	1.1/2X3/4	1.1/2X1
Dim. (mm)	A	44	47	53	53	57	57	57	59	59
Size	Inch	1.1/2X1.1/4	2X1	2X1.1/4	2X1.1/2					
Dim. (mm)	A	59	55	68	68					

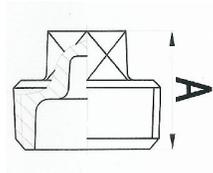
ART NO.291



PLUG BEADED

Size	Inch	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
Dim. (mm)	A	10	11	17	19	22	22	27	32	36	41
Dim. (mm)	B	28	32	37	41	47	47	54	64	71	81

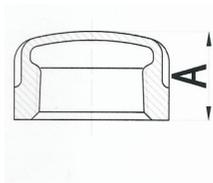
ART NO.291



PLAIN PLUG

Size	Inch	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
Dim. (mm)	A	20	24	26	33	36	37	44	52	59	66

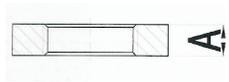
ART NO.300



CAP

Size	Inch	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
Dim. (mm)	A	18	24	26	29	34	34	39	44	50	54

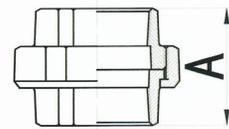
ART NO.310



BACKNUT

Size	Inch	3/8	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
Dim. (mm)	A	18	24	26	29	34	34	39	44	50	54

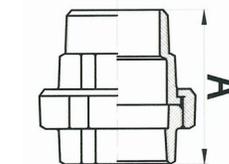
ART NO.330



**UNION FLAT SEAT
UNION TAPER SEAT**

Size	Inch	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
Dim. (mm)	A	48	52	59	65	70	78	85	95	100

ART NO.331



**UNION FLAT SEAT M/F
UNION TAPER SEAT M/F**

Size	Inch	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2	3	4
Dim. (mm)	A	66	72	80	90	70	78	85	95	100



Malleable Cast Iron Pipe Fittings For Export

www.kirtipipefittings.com

PACKING LIST

ART NO.	ITEM & SIZE	3/8"	1/2"	3/4"	1"	1.1/4"	1.1/2"	2"	2.1/2"	3"	4"	5"	6"			
90	ELBOW 90°, BANDED , EQUAL	500	360	220	120	70	50	33	26	14	6	4	2			
1090	ELBOW 90°, PLAIN , EQUAL		400	240	130	80	50	35								
92	M/F ELBOW 90°, BANDED , EQUAL		380	250	120	70	55	32	18	15	16					
1092	M/F ELBOW 90°, PLAIN , EQUAL		450	250	130						14					
130	TEES , BANDED , EQUAL	360	240	140	80	52	42	24	18	12	16	3	2			
1130	TEES , PLAIN , EQUAL		260	150	80	52	45	24	45							
220	SOCKET COUPLING , BANDED	500	550	320	180	140	100	50	45	32	8					
280	HEXAGON NIPPLES EQUAL	1000	600	400	240	150	116	72	32	26	30	12	6			
330	UNION, FLAT SEAT		160	120	60	50	40	20	16	12						
291	PLUG PLAIN		1000	500	500	300	230	150	100	50	33					
290	PLUG BANDED		1000	500	260	200	150	75								
301	CAPS		1000	500	300	250	170	100		68						
120	ELBOW 45° , BANDED		500	280	150	80	60	40		13						
180	CROSS , BANDED, EQUAL 90°		210	120	60	43	33	20								
1180	CROSS , PLAIN , EQUAL 90°		210	120	60	43	33	20								
1	BENDS 90° MALE AND FEMALE , BANDED		300	150	80	45	30	16								
2	BENDS 90° FEMALE , BANDED		300	150	65					6						
ART NO.	ITEM & SIZE	3/4"x1/2"	1"x1/2"	1"x3/4"	1.1/4"x1/2"	1.1/4"x3/4"	1.1/4"x1"	1.1/2"x1/2"	1.1/2"x3/4"	1.1/2"x1"	1.1/2"x1.1/4"	2"x1/2"	2"x3/4"	2"x1"	2"x1.1/4"	2"x1.1/2"
90R	ELBOW 90°, BANDED , REDUCING	300	200	180	110	110	100	80	80	70	60	70	60	50	40	40
1090R	ELBOW 90°, PLAIN , REDUCING	320	200	200	200	150	100	150	90	70	60	120	100	50	70	40
130R	TEES , BANDED,REDUCING	160	100	100	80	60	60	50	50	54	44	48	40	30	60	60
1130R	TEES , PLAIN , REDUCING	200	120	120	80	60	60	70	60	54	30	40	40	30	50	60
240	REDUCING SOCKET , BANDED	320	200	200	160	130	120	120	100	90	100	70	70	70	60	50
241	BUSHING M & F	760	450	450	250	250	250	200	200	200	200	110	110	110	110	110
245	NIPPLES REDUCING	500	300	280			150				116					72
ART NO.	ITEM & SIZE	2.1/2"x1"	2.1/2"x1.1/4"	2.1/2"x1.1/2"	2.1/2"x2"	3"x1"	3"x1.1/4"	3"x1.1/2"	3"x2"	3"x2.1/2"	4"x1"	4"x1.1/4"	4"x1.1/2"	4"x2"	4"x2.1/2"	4"x3"
90R	ELBOW 90°, BANDED , REDUCING		24	24	30				25	20	14	14	14	14	14	8
1090R	ELBOW 90°, PLAIN , REDUCING															
130R	TEES , BANDED,REDUCING	25	20	25	20	24		16	16	15		9	9	6	6	6
1130R	TEES , PLAIN , REDUCING															
240	REDUCING SOCKET , BANDED		20		30	36	36	36	36	36		14		14	14	10
241	BUSHING M & F	70		60	60	36		36	36	36	20	20		20		20

GI PIPE FITTINGS FOR GAS APPLICATION



Dimensions :

As per IS : 1879-2010

Range :

All Sizes from 1/4" to 6"

Material :

Black heart Malleable Cast Iron

Threads :

As Per British, American & Indian Standards

Galvanising:

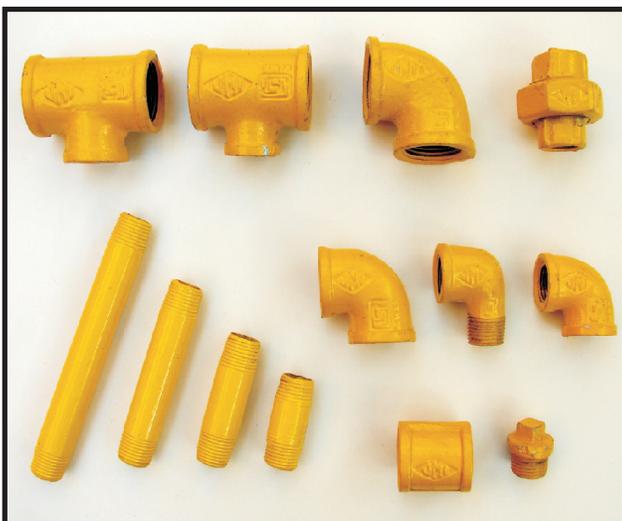
As per IS : 2633/1986 & 6745/1972

Working Pressure :

2.1 Mpa (Hydraulic) 1.05Mpa (Air)

ALL THE MALLEABLE CAST IRON PIPE FITTINGS ARE AS PER IS:1879:2010 AND ARE MARKED WITH "ISI" MARK.

GI POWDER COATED PIPE FITTINGS FOR GAS APPLICATION



Dimensions :

As per IS : 1879-2010

Range :

All Sizes from 1/4" to 6"

Material :

Black heart Malleable Cast Iron

Threads :

As Per British, American & Indian Standards

Galvanising:

As per IS : 2633/1986 & 6745/1972

Working Pressure :

2.1 Mpa (Hydraulic) 1.05Mpa (Air)

ALL THE MALLEABLE CAST IRON PIPE FITTINGS ARE AS PER IS:1879:2010 AND ARE MARKED WITH "ISI" MARK.

ISOLATION BALL VALVES FOR GAS / NATURAL GAS EN 331:1998



Size: 15mm to 25mm

MATERIALS		
PART NO.	NAME OF PART	MATERIAL
1	Body	Forged Brass
2	Ball	Forged Brass
3	Seat	PTFE Teflon
4	Stem Seal	Viton Rubber
5	Nut	Nyloc Nut
6	Handle	Sheet Handle

Features:

- Machined to mirror smooth finish
- Hard chrome plated
- Double O Ring stem seal
- Self Locking Nut
- BSP Female Thread
- 100% Tested against leakage
- Working temp: -20°C to +150°C

APPLIANCE VALVES FOR GAS / NATURAL GAS EN 331:1998



Size: 15mm to 25mm

MATERIALS		
PART NO.	NAME OF PART	MATERIAL
1	Body	Forged Brass
2	Ball	Forged Brass
3	Seat	PTFE Teflon
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- Double O Ring stem seal
- Self Locking Nut
- BSP Female Thread
- 100% Tested against leakage
- Working temp: -20°C to +150°C



Forged Steel Pipe Fittings & Valves

PIPE FITTINGS

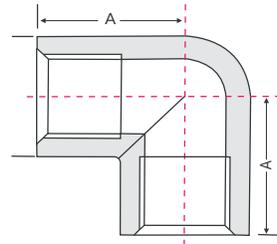
www.kirtipe fittings.com

Specifications:

- Material** : As per IS 1387:1993
- Dimensions** : As per IS 1239:2011 (Part 2)/BSEN10241-2000
- Threads** : BSP/BSPT/NPT (as per customer s requirement)
- Hydrostatic Pressure** : Min required 5mpa, Internally tested at 1000lbs
- Galvanization** : As per IS 4739 (min 610gm/cm²)

ELBOW

1000 LBS. 90° Female, Equal



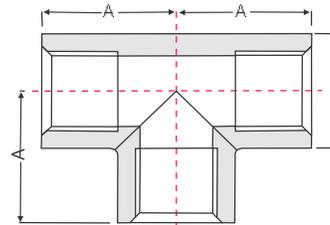
Nominal Size	A (min.)
15	32
20	35
25	43
32	51
40	52
50	64
65	76
80	89

Applications



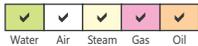
TEE

1000 LBS. 90° Female, Equal



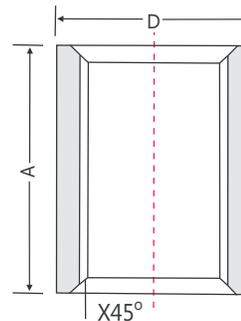
Nominal Size	A (min.)
15	32
20	35
25	43
32	51
40	52
50	64
65	76
80	89

Applications



SOCKET

1000 LBS. 180° Female, Equal



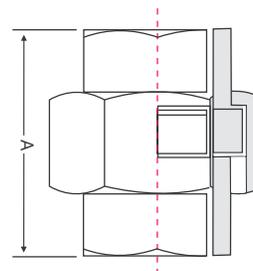
Nominal Size	A (min.)	D
15	37	27
20	39	32.5
25	46	39.5
32	51	49
40	51	56
50	60	68
65	69	84
80	75	98

Applications



UNION

1000 LBS. 180° Female, Equal



Nominal Size	A (min.)
15	57
20	67
25	76
32	85
40	100
50	110
65	120
80	135

Applications





Forged Steel Pipe Fittings & Valves

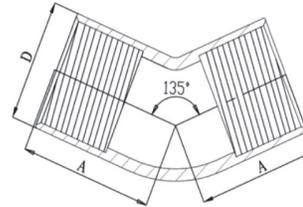
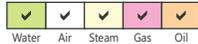
PIPE FITTINGS

www.kirtipipefittings.com

ELBOW 45°

1000 LBS.

Applications



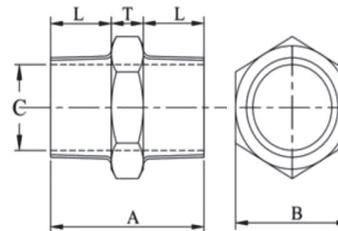
Nominal Size	A (min.)	D
15	22.00	27.00
20	27.00	32.50
25	33.00	39.50
32	38.00	49.00
40	44.00	56.00
50	51.00	68.00
65	60.00	84.00
80	73.00	98.00

HEX. NIPPLE

1000 LBS.

180° Male, Equal

Applications



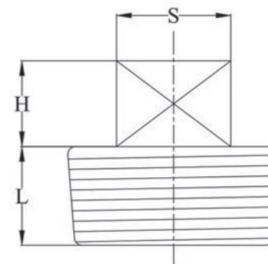
Nominal Size	L (min.)	T(min.)	A(min.)
15	17.50	8.00	43.00
20	19.00	10.00	48.00
25	21.00	10.00	52.00
32	24.00	11.00	59.00
40	24.00	13.00	61.00
50	27.00	14.00	68.00
65	32.00	16.00	80.00
80	35.00	19.00	89.00

PLUG

Female, Equal

1000 LBS.

Applications



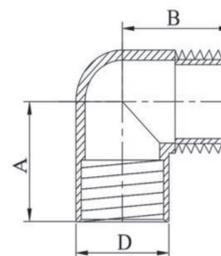
Nominal Size	L (min.)	S(min.)	H(min.)
15	13.20	13.00	10.00
20	14.50	14.00	12.00
25	16.80	17.00	12.00
32	19.10	22.00	16.00
40	19.10	27.00	16.00
50	23.40	32.00	19.19
65	26.70	37.00	19.19
80	29.80	37.00	22.00

MALE/FEMALE ELBOW

1000 LBS.

90° Female, Equal

Applications



Nominal Size	A (min.)	B(min.)
15	13.20	35.00
20	14.50	40.00
25	16.80	46.00
32	19.10	54.00
40	19.10	57.00
50	23.40	70.00
65	26.70	83.00
80	29.80	94.00

FEATURES

- Accurate & Perfect threading to right angle of 90°.
- Screwed Female end to BSP/BSPT & NPT or as per customer's requirement.
- High quality antirust oil coating.
- Strong, Durable and Total Safety.
- Superior grade forging to ensure crack free installation.



Jupiter Metal Industries is an ISO 9001: 2015 Certified Company takes immense pleasure in introducing itself as India's one of the most trusted supplier in ERW Black Pipes and Galvanized Tubes. With over 6 decades of experience in the metal industries, **Jupiter Metal Industries** is a reputed and quality conscious manufacturer. All the products manufactured by us meet the higher quality standards.

ERW BLACK PIPES



Standrads

(Size 1/2"- 8")

as per IS-1239 , BS-1387 , AS-1163 , AS-1074 , EN-10255, EN-10219 (S235, S355) , ASTM A53 , A500 ,

ERW Black Pipes - Electric Resistance Welded (ERW) pipes and tubes are used in various engineering purposes, fencing, scaffolding, line pipes etc. These tubes & pipes are available in varying qualities, wall thickness, diameters and finishes depending on the requirement of the end-users customers.

GALVANIZED TUBES



Standrads

(Size 1/2"-8")

as per IS-1239 , BS-1387 , AS-1163 , AS-1074 , EN-10255,EN-10219 (S235, S355) , ASTM A53 , A500

Galvanized Tubes are hot dipped with zinc coated made of steel that has been covered with a layer of zinc metal. The Pipes and tubes that we manufacture are made of galvanized steel, are primarily used as building materials in construction industries. Zinc-coated galvanized tubes resist the attack of wind, water and road salts.

Jupiter Metal Industries is engaged in manufacturing and exporting of Galvanized Steel Tube Nipples ranging from 15mm to 150mm. We provide Threading as per different Indian and International standards and as per the Customer's requirements.

Jupiter Metal Industries is reputed and quality conscious supplier, manufacturers for various Governments projects & domestic pipe lines and also for Oil & Gas applications and export in different countries across the world in different lengths from 2 to 60 or as per the requirement of the customers.

G.I. NIPPLES

Size:15mm -150mm
Length from 2 to 60



Standrads

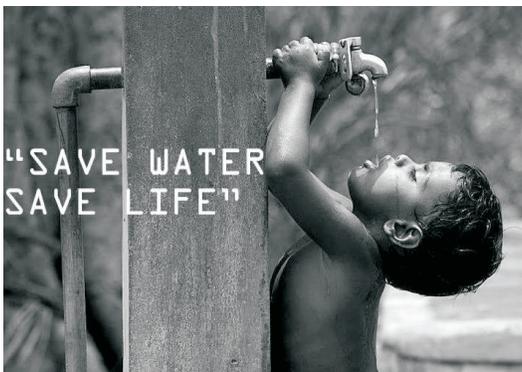
IS:1239 Part-1 Range 15mm to 150mm

Threading : As Per IS 8999/IS554

Galvanizing : As per IS 4759

Wall Thickness : Light - Medium- Heavy

Length : As per customer s requirments

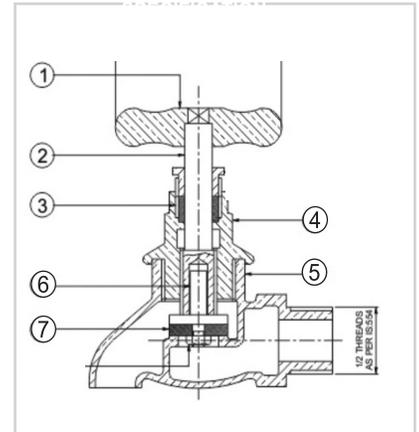




ISI Marked Valves & Cocks

www.kirtipipefittings.com

★ Brass Die Cast Bib Taps IS:781 Marked Size: 15mm to 25mm



Suitable for **WATER**

MATERIALS			
PART NO.	NAME OF PART	MATERIAL	SPECIFICATION
1	Handle	Brass	Gr DCB2 of IS-1264
2	Stem	Brass	Type-I IS:319
3	Gland	Brass	Gr DCB2 of IS-1264
4	Bonnet	Brass	Gr DCB2 of IS-1264
5	Body	Brass	Gr DCB2 of IS-1264
6	Washer Plate	Brass	Gr DCB2 of IS-1264
7	Washer	Synthetic Rubber	IS-4346

SPECIFICATION

Brass Die Casted Bib Taps ISI Marked to IS-781/1984
Screwed male end to BSP
Hydraulic Pressure:-
Body 1.5 MPa, Seat - 1.0 MPa

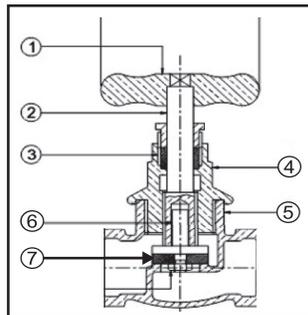
Features:

- Made from 100% Lab Tested Material
- Each Pcs tested Hydraulically to its required Pressure
- Strict Testing of Parts before assembling
- Full Flow of water

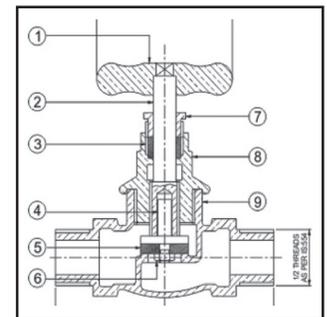
★ Brass Die Cast Stop Cocks Male/Female Ends IS:781 Marked Size: 15mm to 25mm



Female Ends



Male Ends



MATERIALS			
PART NO.	NAME OF PART	MATERIAL	SPECIFICATION
1	Handle	Brass	Gr DCB2 of IS-1264
2	Stem	Brass	Type-I IS:319
3	Gland	Brass	Gr DCB2 of IS-1264
4	Bonnet	Brass	Gr DCB2 of IS-1264
5	Body	Brass	Gr DCB2 of IS-1264
6	Washer Plate	Brass	Gr DCB2 of IS-1264
7	Washer	Synthetic Rubber	IS-4346

SPECIFICATION

Brass Die Casted Stop Cocks ISI Marked to IS:781/1984
Screwed Male/Female end to BSP
Hydraulic Pressure:-
Body 1.5 MPa, Seat - 1.0 MPa

Suitable for **WATER**

Features:

- Made from 100% Lab Tested Material
- Each Pcs tested Hydraulically to its required Pressure
- Strict Testing of Parts before assembling
- Full Flow of water



★ Gun Metal Gate Valves IS:778 Class-1



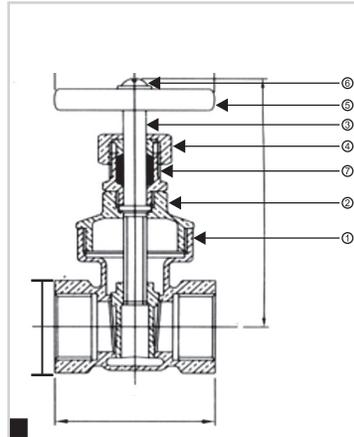
Size: 15mm to 100mm

SPECIFICATION

Gun Metal Gate Valves ISI Marked to IS:778/1984 Class-1, Screwed in Bonnet, Non Rising Stem, Screwed Female Ends to BSP.

Hydraulic Test Pressure:-

Body -1.5 MPa, Seat & Back Seat -1.0 MPa



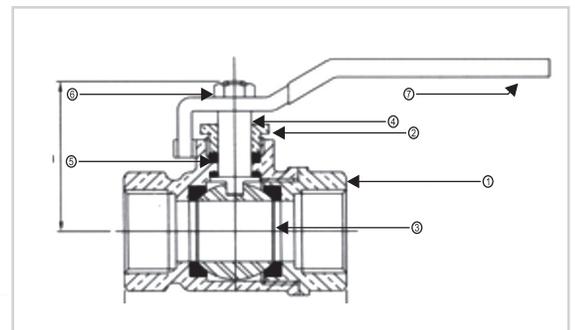
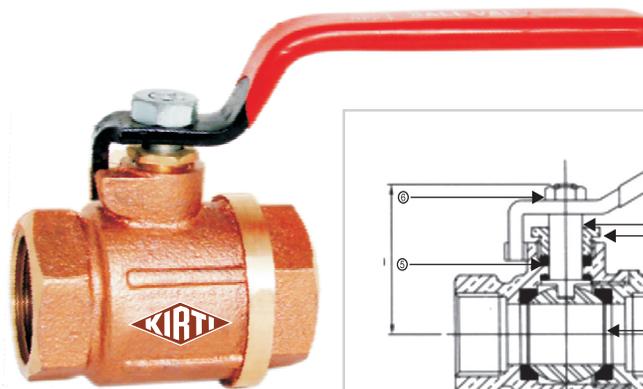
MATERIALS			
PART NO.	NAME OF PART	MATERIAL	SPECIFICATION
1	Body & Wedge	Gun Metal	IS : 318 LTB-2
2	Bonnet, Stuffing Box & Gland	Gun Metal / Brass	IS : 318 LTB-2
3	Stem	Brass	IS:1264 DCB-2
4	Gland Nut	Gun Metal/Forged Brass	IS : 318 LTB-2/IS : 6912 FLB
5	Handwheel	Cast Iron / M.S. Iron	IS : 210 Gr FG-200
6	Screw/Bolt & Washer	Mild Steel	
7	Gland Packing	Asbestos	IS : 4687

Suitable for WATER OIL

Features:

- High Quality lubricated gland packing provision of re-packing under pressure.
- Strictly conforming to IS:778 Class-1
- Excellent Performance.
- Available with Open Shut indicator.

★ Gun Metal Ball Valves Size: 15mm to 100mm



SPECIFICATION

Screwed female ends to BSP, Full Bore.

Hydraulic Test-

Pressure Body & Seat at 1.5 MPa.

MATERIALS			
PART NO.	NAME OF PART	MATERIAL	SPECIFICATION
1	Body, Bonnet	Gun Metal	IS : 318 LTB-2
2	Gland Nut	Brass	IS :1264 DC B-2
3	Ball	S.S/Brass	AISI -304 IS :1264 DC B-2
4	Stem	S.S/Brass	AISI -304 IS :1264 DC B-2
5	Disc & Packing	Teflon	
6	Nut	Mild Steel	
7	Handle	Mild Steel	

Suitable for WATER OIL

Features:

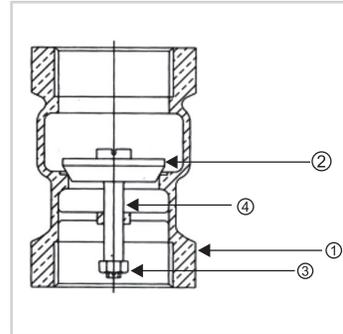
- High Quality Lubricated gland packing.
- Provision of re-packing under pressure.
- Excellent in performance
- Available with Open Shut indicator.



★ Gun Metal Vertical Check Valve IS:778 Class-1



Size: 15mm to 100mm



SPECIFICATION

Gun Metal Vertical Check Valves ISI Marked to IS:778/1984 Class-1
Integral Seat, Screwed Female Ends to BSP

Hydraulic Test Pressure:-
Body -1.5 MPa, Seat -1.0 MPa

MATERIALS			
PART NO.	NAME OF PART	MATERIAL	SPECIFICATION
1	Body	Gun Metal	IS : 318 LTB-2
2	Seat	Gun Metal	IS : 318 LTB-2
3	Nut	Brass	IS : 1264 DCB-2
4	Spring	Phosphor Bronze	

Suitable for WATER OIL

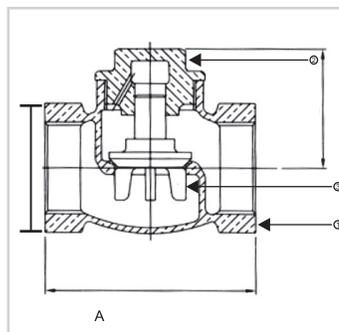
Features:

- Made from 100% Lab Tested Material
 - Excellent in performance.
- Permit flow in one direction and closes automatically if the flow reverses.

★ Gun Metal Horizontal Check Valve IS:778 Class-1



Size: 15mm to 100mm



SPECIFICATION

Gun Metal Horizontal Check Valves ISI Marked to IS:778/1984 Class-1, Screwed in Bonnet
Integral Seat, Screwed Female Ends to BSP

Hydraulic Test Pressure:-
Body -1.5 MPa, Seat -1.0 MPa

MATERIALS			
PART NO.	NAME OF PART	MATERIAL	SPECIFICATION
1	Body Body	Gun Metal	IS : 318 LTB-2
2	Seat	Gun Metal	IS : 318 LTB-2
3	Nut	Brass	IS : 1264 DCB-2
4	Spring	Phosphor Bronze	

Suitable for WATER OIL

Features:

- Made from 100% Lab Tested Material
 - Excellent in performance.
- Permit flow in one direction and closes automatically if the flow reverses.
Meant for Horizontal Lines.



Gun Metal Ferrules

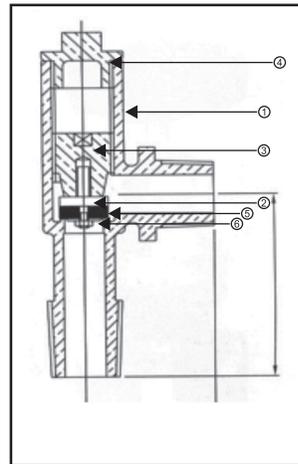
IS:2692 IS:2692



Size: 15mm to 50mm

SPECIFICATION

Gun Metal Ferrule Screwed Ends.
 (Inlet to BSPT & Outlet to BSP)
 Confirming to IS : 2692-1989
 Hydraulic Test- Pressure Body & Seat at 1.5 Mpa.



MATERIALS			
PART NO.	NAME OF PART	MATERIAL	SPECIFICATION
1	Body & Bonnet	Gun Metal	IS : 318 LTB-2
2	Disc & Disc Nut	Brass	IS :1264 DC B-2
3	Plug	Gun Metal	IS : 318 LTB-2
4	Joint Washer	Leather	
5	Rubber Washer	Rubber	IS : 4346
6	Copper Washer	Copper	IS : 3487

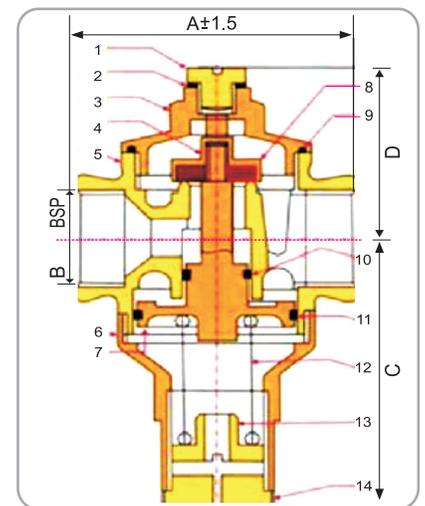
Suitable for WATER OIL

Features:

- Strictly conforming to IS:2692
- Excellent in performance.
- Heavy Duty Full Flow.
- Can withstand heavy impact of water.
- Tolerance of high sudden pressure.

Gun Metal Pressure Reducing Valve

Size: 15mm to 50mm



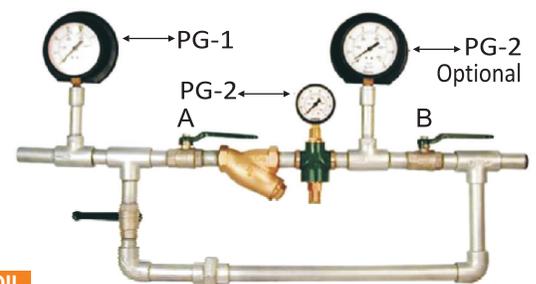
SPECIFICATION

- Max. Inlet Pressure 16 Bar
- Pressure reduced up to 3 to 8 Bar (43 Psig to 110 Psig)
- Max. Working Temp. 80 C
- Present Pressure 4 Bar (60 Psig)
- BSP Threads & Pressure Gauge Point 1/4" BSP
- Material as per IS:318 LTB-2
- Rubber washer parts of NBR Rubber.

TESTING SPECIFICATION

Body Test Pressure 300 Lbs. Hyd.
 Seat Test Pressure-200 Lbs Hyd

Suitable for WATER OIL



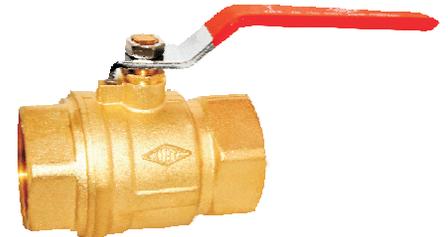
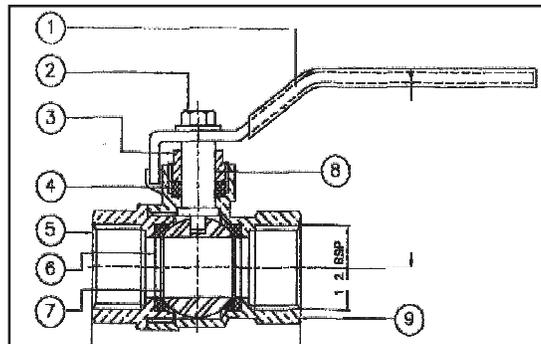


FORGED BRASS BALL VALVE

Rating PN-25, Quarter Turn, Lever Operated
BSP Threads

Material Specifications

S.No.	DESCRIPTION	MATERIAL
1	LEVER	MS C.P.
2	SCREW	Brass
3	GLAND	Brass
4	PACKING RING	Teflon
5	BODY CONNECTION	Brass
6	BALL	Brass
7	STEM	Brass
8	BODY	Brass



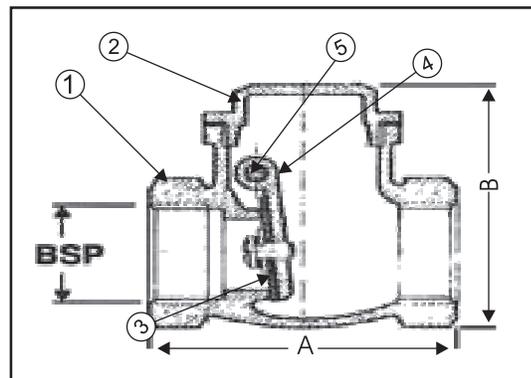
Hydraulically Tested 20kg/cm² (300 psig) **COPPER CONTENTS : MORE THAN 57.30%**
GUARANTEE: 10,000 TIMES OPEN / SHUT

FORGED BRASS SWING CHECK VALVE

Rating PN-25, BSP Threads

Material Specifications

S.No.	PARTS	MATERIAL
1.	BODY	Brass
2.	BONNET	Brass
3.	SEAT	Brass
4.	BOLT	Brass



Hydraulically Tested 20kg/cm² (300 psig) **COPPER CONTENTS : MORE THAN 57.30%**
GUARANTEE: 10,000 TIMES OPEN / SHUT



PTFE Thread Seal Tape

www.kirtipipefittings.com



**PTFE THREAD SEAL TAPE
SUPERIOR**

KIRTI



PTFE THREAD SEAL TAPES

PTFE THREAD SEAL TAPE made of 100 % Pure Virgin PTFE. Easier to wrap even in the cold and hot. Offers a clean, quick and highly effective mean of sealing threaded pipe fittings in the ENGINEERING, CHEMICAL and ELECTRICAL industries, it may be used with pipes of any material and with any medium, including OILS SOLVENTS and the strongest ALKALIS, ACIDS and other corrosive chemicals.

Spool Color	Tape Color	Specification
Yellow	White	12.5 mm x 0.1mm x12 mtr Density 0.35g/cm ²
Transparent	Yellow	12.0 mm x 0.1mm x 10 mtr Density 0.5g/cm ²
Blue	White	12.5 mm x 0.1mm x12 mtr Density 0.5g/cm ²

NO LEAKAGE

LONG LIFE

DURABLE

ECONOMICAL



APPLICATIONS: STEAM, GAS, WATER & HEAVY DUTY WORKS



C.I. Bib Cock

www.kirtipipefittings.com



C.I. BIB TAP

KIRTI Taps are manufactured under strict quality control right from the raw material stage to the final packaging.



TESTING

KIRTI Taps undergo through various quality control tests and pressure test at 21 kg/cm^2 (300 Lbs)



KIRTI

Taper Cock



C.I. TAPER COCK (C.P.)



ZINC TAPER COCK (C.P.)



BRASS TAPER COCK (C.P.)



BRASS TAPER COCK SQAURE



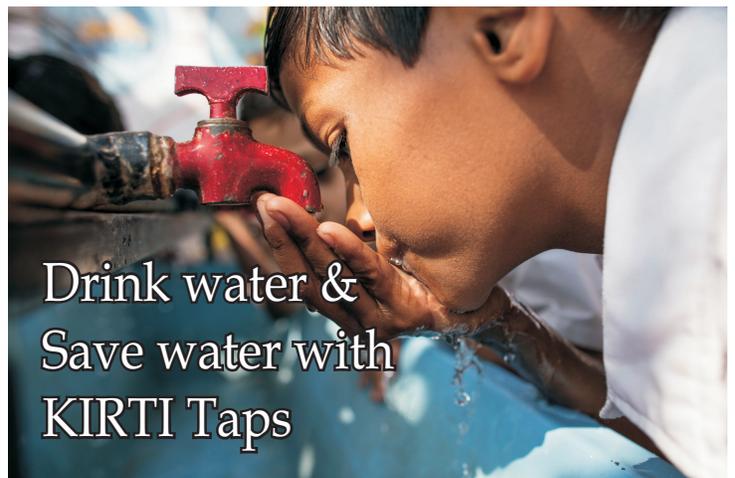
C.I. TAPER COCK WITH NUT



C.I. TAPER COCK FULL RED

Features:

- High Quality Raw Material
- Perfect Finish
- Easy to Instal
- Excellent Qual;ity



Drink water &
Save water with
KIRTI Taps

M/s. **Jupiter Metal Industries (Jal.)** is working in Government & Semi Government Projects since last 30 years and are selling most of the products related to it to more than 500 contractors across the country. **Jupiter Metal Industries** specially introduced **RIO** Brand for **HSC** (House Service Connection). Our company is empanelled in PHED and other Government bodies in Bihar, Jharkhand, West Bengal, Meghalaya, Arunachal Pradesh, Maharashtra, Karnatka, Delhi Etc.

Major Projects we have been dealing with since 2020

- ★ Implementations of various rural water supply projects of Uttar Pradesh
- ★ 12.5 mild water treatment plant for Ketar & adjoining villages of Jharkhand
- ★ JJM, UP- Namami Gange Project
- ★ UP- State Water & Sanitation Mission
- ★ Public Health Engg. Department PHED
- ★ Juidco, Jharkhand
- ★ MP Jal Nigam
- ★ Tata Projetc, Bihar

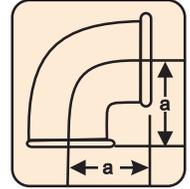
Our Prestigious Clients:-





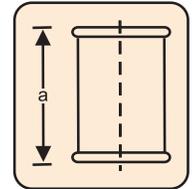
G.I. Elbow
 As per IS1879
 Size:15mm

Dimensions: 28.0 ± 1.5mm
 Wall Thickness: 2.5 - 0.5mm



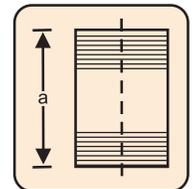
G.I. Socket
 As per IS1879
 Size:15mm

Dimensions: 36.0 ± 2.0mm
 Wall Thickness: 2.5 - 0.5mm



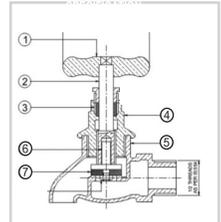
G.I. Pipe Nipple
 As per IS1239
 Medium
 Size:15mm

Length as per customer's
 Requirement (2 upto 65)
 Wall thickness 2.6-10%



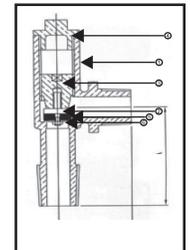
Brass Bib Cock as per IS:781

- Body, Bonnet, Handle as per IS1264 Grade DCB2
- Spindle & Nut as per IS 319-2007/IS320-1981
- Threads BSP
- Hydraulic Pressure 15Bar



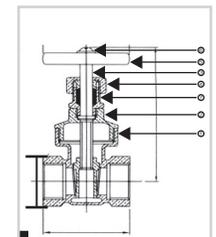
Gun Metal Ferrules as per IS:2692

- Body, Cap, Plug as per IS 318 LTB2
- Washer as per IS:1264
- Hydrostatic Test Pressure 15Bar



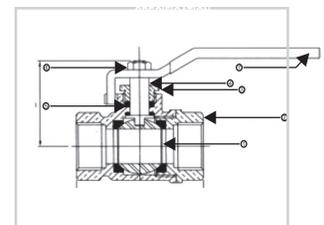
Gun Metal Gate Valve as per IS:778

- Body, Seat, Bonnet, Nut as per IS 318 LTB2
- Wheel MS/CI
- Threads type BSP Screwed Ends
- Hydraulic Pressure 15Bar



Gun Metal/Brass Ball Valve

- Body, Bonnet as per IS:318 Gland Nut IS1264
- Ball, Stem SS/Brass AISI 304/IS1264 DCB2
- Nut Mild Steel, Handle of Mild Steel



PROCESS

Raw Material



Casting (Induction)



Annealing



Grinding



Shot Blasting



Hot Dip Galvanizing



Zinc Analysis



Chamfering



Threading



Alignment



Pressure Test



Packing



KIRTI

Let's shake our hand.....



.....for a better future

*Your need is our goal
We grow with your support*



Manufactured By:

JUPITER METAL INDUSTRIES (JAL.)

B-22, Focal Point Extension, Jalandhar- 144012

Ph.: +91-181-5092137, 4061283

E-mail : info@kirtipipefittings.in, sales.kirtipipefittings@gmail.com

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