IBR Approved

JIS B2316

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TABLE OF CONTENTS

JIS B2316 Specification 3

Size Range 3

Connection 3

Class 3

Standard 3

Raw Material 3

Material 3

Types Of JIS B2316 Socket Welding Pipe Fittings 4

Non-Destructive Testing for JIS B2316 Socket Welding Tee 5

JIS B2316 High Pressure Fittings Application 5

JIS B2316 Socket Welding Pipe Fittings Dimensions 6

JIS B2316 Published by Japanese Standards Association. JIS B2316 fittings shall be design as pressure class 3000,6000 and 9000 for socket-welding and JIS B2316 high pressure fittings cover wrought carbon steel and alloy steel specification. Armech Alloys specializing in the manufacture of JIS B2316 socket welding tee. JIS B2316 tee be fitted by socket welding, mainly to high pressure service piping. These fittings available in size range 1/8″ to 4". JIS B2316 socket welding tee are typically used to change the direction of flow, and joining of different pipe types and sizes. JIS B2316 socket fittings mostly used in industries like pharmaceuticals where hygiene and corrosion resistance.

JIS B2316 Socket Fittings Specification as per Japanese Standard

JIS B2316 Specification

Standard JIS B2316	**Size** 1/8” To 4”	**Material** Stainless Steel Alloy Steel Carbon Steel
Connection Socket Welded	**Class** 3000LBS 6000LBS 9000 LB	**Raw Material** Round Bar
Technology Forged	**JIS** Japanese Standard	**Pressure** High Pressure

Types Of JIS B2316 High Pressure Fittings and Their Symbols

Types of JIS B2316 Socket Welding Pipe Fittings

Shape	Type	Symbol
Straight & Reduced	45 Deg Elbow	45E (S) & 45E (R)
Straight & Reduced	90 Deg Elbow	90E (S) & 90E (R)
Straight & Reduced	Half Coupling	FC (S) & FC (R)
-	Full Coupling	HC
-	Boss	B
-	Cap	C
Straight & Reduced	45 Deg Y	45Y (S) & 45Y (R)
Straight & Reduced	Tee	T(S) & T(R)
Straight & Reduced	Cross	Cross (S) & Cross (R)

Non-Destructive Testing for JIS B2316 Socket Welding Tee

Non-Destructive Testing for JIS B2316 Socket Welding Tee

- Penetration Test
- UltrasonicTest
- Radiographic Test
- Any Third Parties Inspection

JIS B2316 Pipe Elbow for High Pressure Fluid Pipeline

JIS B2316 High Pressure Fittings Application

- High pressure fluid pipeline
- Petroleum and Natural gas industry
- Drilling
- Chemical industry
- Electric industry
- Shipbuilding
- Fertilizer equipment
- Petrochemical
- Pharmaceutical industry

Check JIS B2316 Socket Welding Pipe Fittings Dimensions

JIS B2316 Socket Welding Pipe Fittings Dimensions

Size	45 Degree Elbow	90 Degree Elbow & Tee	45 Degree Y Tee	Full Coupling	Half Coupling	Schedule 160
DN	Schedule 80 (G)	Schedule 80 (G)	Schedule 80 (G)	Schedule 80 (E)	Schedule 80 (F)	Schedule 160
DN6	7.9	11.1	-	6.4	15.9	-
DN8	7.9	11.1	31.8	6.4	15.9	-
DN10	7.9	13.5	36.5	6.4	17.5	-
DN15	11.1	15.9	41.3	9.5	22.2	12.7
DN20	12.7	19.1	50.8	9.5	23.8	14.3
DN25	14.3	22.2	60.3	12.7	28.6	17.5
DN32	17.5	27.0	71.4	12.7	30.2	20.6
DN40	20.6	31.8	81.0	12.7	31.8	25.4
DN50	25.4	38.1	98.4	19.1	41.3	28.6
DN65	28.6	41.3	-	19.1	42.9	-
DN80	31.8	57.2	-	19.1	44.5	-