SANT VALVES
SINCE 1953

I.B.R

ISO 9001 CERTIFIED COMPANY

Socket Weld Elbow

Product Description

Product Standard
As per IS:4712: 1984 Socket Welding Ends; Class 20

Chemical Composition
Carbon : 0.30% (max.)
Manganese : 0.60-1.05%
Phosphorus : 0.04% (max.)
Sulphur : 0.05% (max)
Silicon : 0.35% (max.)

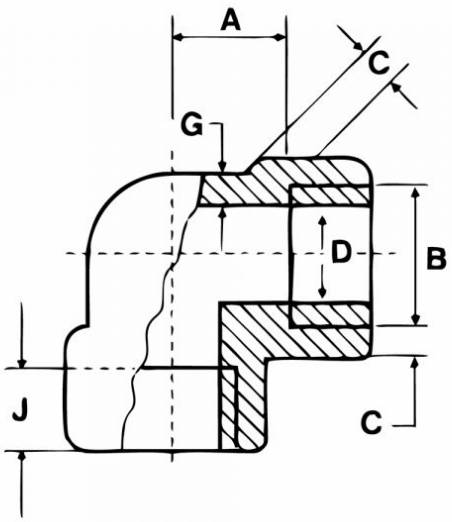
End Connections
Socket Welding Ends conform to ANSI B16.11
The threads and socket welding ends are properly checked with duly calibrated gauges.

Test Pressure
IS:4712: 1984-1992 – Pipe Fittings are tested to 3000 psig. (Hyd.)

Dimensions (in mm)

Nominal Pipe Size	A (Min)	A (Max)	B (Min)	B (Max)	C (Avg)	C (Max)	D (Min)	D (Max)	E (Min)	E (Max)	G (Min)	J (Max)
8	10	12	14.1	14.4	3.80	3.30	8.50	10.00	5	8	3.00	10
10	12	15	17.5	17.8	4.00	3.50	11.80	13.30	5	9	3.20	10
15	14	17	21.7	22.0	4.65	4.10	15.00	16.60	6	13	3.75	10
20	18	21	27.1	27.3	4.90	4.25	20.20	21.70	6	13	3.90	13
25	20	24	33.8	34.0	5.70	5.00	25.90	27.40	9	17	4.55	13
32	25	29	42.5	42.8	6.05	5.30	34.30	35.80	9	17	4.85	13
40	30	34	48.6	48.9	6.35	5.55	40.10	41.70	9	17	5.10	13
50	36	40	61.1	61.4	6.95	6.05	51.70	53.50	15	23	5.55	16

A – Center to Bottom; B – Socket Bore Diameter; C – Wall Thickness; D – Bore Diameter; E – Laying Length Couplings; G – Body Wall Thickness; J – Depth of Socket



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