

## 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

