



Dimensions and water pressure rating at 23°C for pipes as per ASTM D-1785 for Pipes with Plain Ends

Nominal Size		Outside diameter "D" in nominal (mm)	Schedule 40				Schedule 80				Packaging "L" in mm
			Wall thickness "T" in mm	Working Pressure		Cat No.	Wall thickness "T" in mm	Working Pressure		Cat No.	
Mm	inch	kgf/cm2		PSI	kgf/cm2			psi			
15	½	21.34 ± 0.10	2.77 +0.46	41	589	1013920994102	3.73+0.51	59	833	1014920994102	6 mtr
20	¾	26.57 ± 0.10	2.87 +0.51	33	470	1013925994102	3.91+0.51	48	677	1014925994102	6 mtr
25	1	33.27 ± 0.13	3.38 +0.51	31	440	1013932994102	4.55+0.53	43	617	1014932994102	6 mtr
30	1¼	42.03 ± 0.13	3.56 +0.51	26	363	1013940994102	4.85+0.58	36	510	1014940994102	6 mtr
40	1½	48.11 ± 0.15	3.68 +0.51	23	324	1013950994102	5.08+0.61	32	461	1014950994102	6 mtr
50	2	60.17 ± 0.15	3.91 +0.51	19	274	1013963994102	5.54+0.66	28	392	1014960994101	6 mtr
65	2½	73.02 ± 0.18	5.16 +0.61	21	294	1013975994101	7.01+0.84	29	412	1014975994101	6 mtr
80	3	88.70 ± 0.20	5.49 +0.66	18	254	1013990994101	7.62+0.91	26	363	1014990994101	6 mtr
100	4	114.07 ± 0.23	6.02 +0.71	15	216	1013110994101	8.56+0.1.02	22	314	1014110994101	6 mtr
Nominal Size		Outside diameter "D" in nominal (mm)	Schedule 40				Schedule 80				Packaging "L" in mm
			Wall thickness "T" in mm	Working Pressure		Cat No.	Wall thickness "T" in mm	Working Pressure		Cat No.	
Mm	inch	kgf/cm2		PSI	kgf/cm2			psi			
15	½	21.34 ± 0.10	2.77 +0.46	41	589	1013920994103	3.73+0.51	59	833	1014920994103	3 mtr
20	¾	26.57 ± 0.10	2.87 +0.51	33	470	1013925994103	3.91+0.51	48	677	1014925994103	3 mtr
25	1	33.27 ± 0.13	3.38 +0.51	31	440	1013932994103	4.55+0.53	43	617	1014932994103	3 mtr
30	1¼	42.03 ± 0.13	3.56 +0.51	26	363	1013940994103	4.85+0.58	36	510	1014940993103	3 mtr
40	1½	48.11 ± 0.15	3.68 +0.51	23	324	1013950994103	5.08+0.61	32	461	1014950993103	3 mtr
50	2	60.17 ± 0.15	3.91 +0.51	19	274	1013963994103	5.54+0.66	28	392	1014960993100	3 mtr

Dimensions and water pressure rating at 23°C for pipes as per ASTM D-1785 for Pipes with Threaded Ends (Threads as per IS:554)

Nominal Size		Outside diameter "D" in nominal (mm)	Schedule 40				Schedule 80				Packaging "L" in mm
Mm	inch		Wall thickness "T" in mm	Working Pressure		Cat No.	Wall thickness "T" in mm	Working Pressure		Cat No.	
				kgf/cm2	PSI			kgf/cm2	psi		
15	½	21.34 ± 0.10	2.77 +0.46	41	589	1013920994101	3.73+0.51	59	833	1014920994101	6 mtr
20	¾	26.57 ± 0.10	2.87 +0.51	33	470	1013925994101	3.91+0.51	48	677	1014925994101	6 mtr
25	1	33.27 ± 0.13	3.38 +0.51	31	440	1013932994101	4.55+0.53	43	617	1014932994101	6 mtr
30	1¼	42.03 ± 0.13	3.56 +0.51	26	363	1013940994101	4.85+0.58	36	510	1014940994101	6 mtr
40	1½	48.11 ± 0.15	3.68 +0.51	23	324	1013950994101	5.08+0.61	32	461	1014950994101	6 mtr
50	2	60.17 ± 0.15	3.91 +0.51	19	274	1013963994101	5.54+0.66	28	392	1014960994100	6 mtr
65	2½ *	73.02 ± 0.18	5.16 +0.61	21	294	1013975994100	7.01+0.84	29	412	1014975994100	6 mtr
80	3	88.70 ± 0.20	5.49 +0.66	18	254	1013990994100	7.62+0.91	26	363	1014990994102	6 mtr
100	4	114.07 ± 0.23	6.02 +0.71	15	216	1013110994100	8.56+0.1.02	22	314	1014110994100	6 mtr
Nominal Size		Outside diameter "D" in nominal (mm)	Schedule 40				Schedule 80				Packaging "L" in mm
Mm	Inch		Wall thickness "T" in mm	Working Pressure		Cat No.	Wall thickness "T" in mm	Working Pressure		Cat No.	
				kgf/cm2	PSI			kgf/cm2	psi		
15	½	21.34 ± 0.10	2.77 +0.46	41	589	1013920993104	3.73+0.51	59	833	1014920994100	3 mtr
20	¾	26.57 ± 0.10	2.87 +0.51	33	470	1013925994100	3.91+0.51	48	677	1014925994100	3 mtr
25	1	33.27 ± 0.13	3.38 +0.51	31	440	1013932994100	4.55+0.53	43	617	1014932994100	3 mtr
30	1¼	42.03 ± 0.13	3.56 +0.51	26	363	1013940994100	4.85+0.58	36	510	1014940994100	3 mtr
40	1½	48.11 ± 0.15	3.68 +0.51	23	324	1013950994100	5.08+0.61	32	461	1014950994100	3 mtr
50	2	60.17 ± 0.15	3.91 +0.51	19	274	1013963994100	5.54+0.66	28	392	1014963994100	3 mtr

**ASTM Coupler**



Size		H	W	S.D.	Cat No.	Packaging
Mm	inch					
21.34	½"	47	3.73	22.22	1131920994100	224
26.67	¾"	53.5	3.91	25.4	1131925994100	168
33.4	1"	59.5	4.55	28.58	1131932994100	100
42.16	1¼"	66	4.85	31.75	1131940994100	64
48	1½"	72.5	5.08	34.93	1131950994100	33
60.32	2"	78.8	5.54	38.1	1131963994100	27
73.02	2½"	95.9	7.01	45.55	1131975994100	48
88.9	3"	102.9	7.62	47.63	1131990994100	30
114.3	4"	122.85	8.56	57.15	1131110994100	18
168.28	6"	168.3	22.9	76.7	1131160994100	10
219.08	8"	219.08	28.12	102.6	1131200994100	4

ASTM ELBOW



Size		H	W	S.D.	Cat No. (plain)	Packaging	Cat No.(Threaded)	Packaging
Mm	Inch							
21.34	½"	50	3.73	22.22	1132920994100	150	1154920994100	180
26.67	¾"	57	3.91	25.4	1132925994100	96	1154925994100	105
33.4	1"	67.5	4.55	28.58	1132932994100	60	1154932994100	60
42.16	1¼"	80	4.85	31.75	1132940994100	36	1154940994100	32
48.26	1½"	90	5.08	34.93	1132950994100	24	1154950994100	24
60.32	2"	105.7	5.54	38.1	1132963994102	15	1154963994100	14
73.02	2½"	130.65	7.01	44.55	1132975994101	27	-	-
88.9	3"	150.9	7.62	47.63	1132990994102	18	-	-
114.3	4"	187.75	8.56	57.15	1132110994101	8	-	-
168.28	6"	267.6	22.6	76.7	1132160994100	4	-	-
219.08	8"	349.8	28.12	102.6	1132200994100	2	-	-

**ASTM ELBOW 45°**



Size: (M)		H	W	S.D.	Cat No.	Packaging
Mm	inch					
21.34	½"	59	3.73	22.2	1132920994101	210
26.67	¾"	69.2	3.91	25.4	1132925994101	120
33.4	1"	77.5	4.55	28.6	1132932994101	60
42.16	1¼"	88.9	4.85	31.8	1132940994101	40
48	1½"	99.4	5.08	34.93	1132950994101	24
60.32	2"	117.5	5.54	38.1	1132963994101	15
73.02	2½"	143.85	7.01	44.55	1132975994100	36
88.9	3"	162	7.62	47.63	1132990994100	20
114.3	4"	198.45	8.56	57.15	1132110994100	12
168.28	6"	280	22.9	76.7	1132160994101	5
219.08	8"	356	28.12	102.6	1132200994101	2

**ASTM ELBOW Female Brass Thread**



Size		H1	H2	W	S.D.	Cat No.	Packaging
Mm	inch						
21.34	½"	56	50	3.73	22.22	1139920994100	60
26.67	¾"	63	55	3.91	25.4	1139925994100	32
33.4	1"	77	64	4.55	28.58	1139932994100	20
26.67	¾"	60	52	3.91	25.4	1139925994101	40
33.4	1"	63	62	4.55	28.58	1139932994101	30

ASTM Tee



Size		H	H1	W	S.D.	Cat No. (plain)	Packaging	Cat No.	Packaging
Mm	Inch							(threaded)	
21.34	½"	70	50	3.73	22.22	1133920994100	96	1153920994100	110
26.67	¾"	79.5	57	3.91	25.4	1133925994100	66	1153925994101	72
33.4	1"	92	67.5	4.55	28.58	1133932994100	36	1153932994100	45
42.16	1¼"	108	80	4.85	31.75	1133940994100	24	1153940994101	24
48	1½"	121	90	5.08	34.93	1133950994100	15	1153950994100	16
60.32	2"	139.7	105.7	5.54	38.1	1133963994100	9	1153963994100	12
73.02	2½"	174	131	7.01	44.45	1133975994100	18	-	-
88.9	3"	198	152	7.62	47.63	1133990994100	12	-	-
114.3	4"	244	188	8.56	57.15	1133110994100	6	-	-
168.28	6"	191.2	267.9	22.9	76.7	1133160994100	3	-	-
219.08	8"	247.2	349.8	28.12	103	1133200994100	2	-	-

ASTM Reducing Tee



Size		H	H1	W	SD1	SD2	Cat No.	Package
Mm	inch							
26.67 x 21.34	3/4" x 1/2"	35	28.5	3.73	25.4	22.2	1134925994100	350
33.4 x 21.34	1" x 1/2"	43	32	5.94	29.5	22.2	1134932994101	210
33.4 x 26.67	1" x 3/4"	43	31.5	3.91	28.58	25.4	1134932994100	210
42.16 x 33.40	1 1/4" x 1"	52.5	35	4.55	31.75	28.58	1134940994100	120
48.26 x 21.34	1 1/2" x 1/2"	59	38	5.08	35.5	22.2	1134950994102	100
48.26 x 42.16	1 1/2" x 1.25"	59	38	4.85	34.93	31.75	1134950994100	100
60.32 x 48.26	2" x 1.5"	73	44	5.88	38.6	34.93	1134963994102	48
73.02 x 60.32	2 1/2" x 2"	87.4	52.45	7.01	44.55	38.1	1134990994101	64
88.9 x 73.02	3" x 2.5"	105	55.65	7.62	47.63	44.45	1134990994101	64
114.3 x 88.90	4" x 3"	132	67.15	8.56	57.15	47.63	1134110994100	36



**ASTM Brass Female Thread Tee**



Size		H1	H2	W	S.D.	Cat No.	Packaging
Mm	Inch						
21.34	1/2"	78	50	3.73	22.22	1140920994100	45
26.67	3/4"	85	55	3.91	25.4	1140925994100	24
33.4	1"	102	64	4.55	28.58	1140932994100	16
26.67 x 21.34	3/4" x 1/2"	85	55	3.91	25.4	1143925994101	24
33.4 x 21.34	1" x 1/2"	95	60	4.55	28.58	1140932994101	20

**ASTM Cross Tee**



Size		H	W	S. D.	Cat No.	Packaging
Mm	Inch					
21.34	1/2"	69.8	3.73	22.2	1133920994101	84
26.67	3/4"	79.4	3.91	25.4	1133925994103	63
33.4	1"	92.1	4.55	28.6	1133932994103	30

ASTM Endcap



Size		H	W	S.D.	Cat No.	Packaging
Mm	inch					
21.34	1/2"	30	3.73	22.22	1136920994100	350
26.67	3/4"	35	3.91	25.4	1136925994100	240
33.4	1"	39.5	4.55	28.58	1136932994100	180
42.16	1 1/4"	45	4.85	31.75	1136940994100	100
48	1 1/2"	48.5	5.08	34.93	1136950994100	60
60.32	2"	53.1	5.54	38.1	1136963994102	36

ASTM StepBend



Size		L	H	W	S. D.	Cat No.	Packaging
Mm	Inch						
21.34	1/2"	178	48	25.5	22.22	1156920994100	72
26.67	3/4"	226.4	59.5	31	24.4	1156925994100	40
33.4	1"	273.8	72.5	38.4	28.58	1156932994100	23

ASTM MTA



Size		H	W	S.D.	Cat No.	Packaging
Mm	inch					
21.34	1/2"	40	3.73	22.22	1137920994100	400
26.67	3/4"	46	3.91	25.4	1137925994100	294
33.4	1"	52	4.55	28.58	1137932994100	174
42.16	1 1/4"	58.5	4.85	31.75	1137940994100	100
48.26	1 1/2"	64	5.08	34.93	1137950994100	60
60.32	2"	71	5.54	38.1	1137963994100	36
73.02	2 1/2"	85.85	7.01	45.45	1137975994100	50
88.9	3"	93.53	7.62	48.63	1137990994100	35
114.3	4"	108.05	8.56	58.15	1137110994100	22

**ASTM BRASS MTA**



Size		H	W	S.D.	Cat No.	Packaging
Mm	inch					
21.34	1/2"	62	3.73	22.22	1141920994100	90
26.67	3/4"	68	3.91	25.4	1141925994100	56
33.4	1"	74.5	4.55	28.58	1141932994100	32
42.16	1 1/4"	60.5	4.85	31.75	1141940994100	48
48	1 1/2"	66.93	5.08	34.93	1141950994100	40

**ASTM BRASS RED. MTA**



Size: M x M1		H	W	S.D.	Cat No.	Packaging
Mm	Inch					
21.34 x 26.67	1/2" x 3/4"	65	3.91	25.4	1141925994101	70
21.34 x 33.40	1/2" x 1"	70	4.55	28.58	1141932994102	45

ASTM FTA



Size		H	W	S.D.	Cat No.	Packaging
Mm	inch					
21.34	1/2"	41.5	3.73	22.22	1138920994100	294
26.67	3/4"	48	3.91	25.4	1138925994100	180
33.4	1"	54	4.55	28.58	1138932994100	120
42.16	1 1/4"	59.5	4.85	31.75	1138940994100	64
48	1 1/2"	64.5	5.08	34.93	1138950994100	48
60.32	2"	69.5	5.54	38.1	1138963994100	24
73.02	2 1/2"	86.45	7.01	45.45	1138975994100	50
88.9	3"	93.53	7.62	48.63	1138990994100	30
114.3	4"	107.15	8.56	58.15	1138110994100	18

**ASTM BRASS FTA**



Size		H	W	S.D.	Cat No.	Packaging
Mm	Inch					
21.34	1/2"	47	3.73	22.22	1142920994100	90
26.67	3/4"	51	3.91	25.4	1142925994100	48
33.4	1"	56.5	4.55	28.58	1142932994100	38
42.16	1 1/4"	57.5	4.85	31.75	1142940994100	32
48.26	1 1/2"	60.4	5.08	34.93	1142950994100	22

**ASTM BRASS RED. FTA**



Size: M x M1		H	W	S.D.	Cat No.	Packaging
Mm	Inch					
21.34 x 26.67	1/2" x 3/4"	50	3.91	25.4	1142925994101	90
21.34 x 33.40	1/2" x 1"	55	4.55	28.58	1142932994101	50

ASTM REDUCER



Size		H	W1	W2	SD1	SD2	Cat No.	Packaging
Mm	Inch							
26.67 x 21.34	3/4" x 1/2"	56.5	3.9	3.73	25.4	22.22	1135925994100	160
33.4 x 26.67	1" x 3/4"	64	4.55	3.91	28.6	25.4	1135932994100	100
33.4 x 21.34	1" x 1/2"	65.35	4.55	3.73	28.6	22.2	1135932994101	150
42.16 x 21.34	1 1/4" x 1/2"	70.3	4.85	3.73	31.75	22.2	1135940994102	80
42.16 x 26.67	1 1/4" x 3/4"	73.65	4.85	3.91	31.75	25.4	1135940994101	80
42.16 x 33.40	1 1/4" x 1"	72	4.85	4.55	31.75	28.58	1135940994100	60
48.26 x 21.34	1 1/2" x 1/2"	71.15	5.08	3.73	34.95	22.2	1135950994102	60
48.26 x 26.67	1 1/2" x 3/4"	74.5	5.08	3.91	34.95	25.4	1135950994101	60
48.26 x 33.40	1 1/2" x 1"	78.85	5.08	4.55	34.95	28.58	1135950994103	60
48.26 x 42.16	1 1/2" x 1 1/4"	76	5.08	4.85	34.93	31.75	1135950994100	40
60.32 x 21.34	2" x 1/2"	65.9	5.54	3.73	38.95	22.2	1135963994100	45
60.32 x 26.67	2" x 3/4"	69.25	5.54	3.91	38.95	25.4	1135963994101	45
60.32 x 33.40	2" x 1"	91.6	5.54	4.55	38.95	28.58	1135963994103	36
60.32 x 42.1	2" x 1 1/4"	90.4	5.54	4.85	38.95	31.75	1135963994104	36
60.32 x 48.26	2" x 1 1/2"	90.52	5.54	5.08	38.95	34.93	1135963994102	36
73.02 x 21.34	2 1/2" x 1/2"	72.2	7.01	3.73	44.55	22.2	1135975994100	85
73.02 x 26.67	2 1/2" x 3/4"	75.6	7.01	3.91	44.55	25.4	1135975994101	85
73.02 x 33.40	2 1/2" x 1"	79.1	7.01	4.55	44.55	28.58	1135975994102	85
73.02 x 42.16	2 1/2" x 1 1/4"	104.15	7.01	4.85	44.55	31.75	1135975994103	75
73.02 x 48.26	2 1/2" x 1 1/2"	104.3	7.01	5.08	44.55	34.93	1135975994104	75

73.02 x 60.32	2½" x 2"	101.45	7.01	5.54	44.55	38.95	1135975994105	60
88.9 x 21.34	3" x 1/2"	75.45	7.62	3.73	47.63	22.2	1135990994100	56
88.9 x 26.67	3" x 3/4"	78.8	7.62	3.91	47.63	25.4	1135990994101	56
88.9 x 33.40	3" x 1"	82.6	7.62	4.55	47.63	28.58	1135990994102	56
88.9 x 42.16	3" x 1¼"	85.75	7.62	4.85	47.63	31.75	1135990994103	56
88.9 x 48.26	3" x 1½"	116.2	7.62	5.08	47.63	34.93	1135990994104	40
88.9 x 60.32	3" x 2"	113.35	7.62	5.54	47.63	38.95	1135990994105	40
88.9 x 73.02	3" x 2½"	115.75	7.62	7.01	47.63	44.55	1135990994106	40
114.3 x 21.34	4" x 1/2"	82.5	8.56	3.73	57.15	22.2	1135110994100	36
114.3 x 26.67	4" x 3/4"	88.25	8.56	3.91	57.15	25.4	1135110994101	36
114.3 x 33.40	4" x 1"	92.05	8.56	4.55	57.15	28.58	1135110994102	36
114.3 x 42.16	4" x 1¼"	95.5	8.56	4.85	57.15	31.75	1135110994103	30
114.3 x 48.26	4" x 1½"	98.95	8.56	5.08	57.15	34.93	1135110994104	30
114.3 x 60.32	4" x 2"	102.15	8.56	5.54	57.15	38.95	1135110994105	30
114.3 x 73.02	4" x 2½"	139	8.56	7.01	57.15	44.55	1135110994106	24
114.3 x 88.90	4" x 3"	134.25	8.56	7.62	57.15	47.63	1135110994107	24



**ASTM REDUCER BUSH**



Size: M1 x M2		H	H1	W	SD1	SD2	Cat No.	Packaging
mm	inch							
26.67 x 21.34	3/4" x 1/2"	35	28.5	3.73	25.4	22.22	1134925994100	350
33.4 x 21.34	1" x 1/2"	43	32	5.94	29.5	22.22	1134932994101	210
33.4 x 26.67	1" x 3/4"	43	31.5	3.91	28.58	25.4	1134932994100	210
42.16 x 33.40	1 1/2" x 1"	52.5	35	4.55	31.75	28.58	1134940994100	120
48.26 x 21.34	1 1/2" x 1/2"	59	38	5.08	35.5	22.22	1134950994102	100
48.26 x 42.16	1 1/2" x 1 1/4"	59	38	4.85	34.93	31.75	1134950994100	100
60.32 x 48.26	2" x 1 1/2"	73	44	5.88	38.6	34.93	1134963994102	48
73.02 x 60.32	2 1/2" x 2"	87.4	52.45	7.01	44.55	38.1	1134975994100	100
88.9 x 73.02	3" x 2 1/2"	105	55.65	7.62	47.63	44.45	1134990994100	65
114.3 x 88.90	4" x 3"	132	67.15	8.56	57.15	47.65	1134110994100	36
168.28 x 114.30	6" x 4"	191.2	86.7	23.85	76.7	57.6	1134160994100	14

ASTM Union



Size		TL	ID	OD	SL	W(min)	Cat No.	Packaging
Mm	inch							
21.34	½"	60	21.5	48	22.2	3.75	1147920994100	100
26.67	¾"	65	26.8	56	25.4	3.91	1147925994100	64
33.4	1"	72	33.7	63	28.6	4.55	1147932994100	44
42.16	1¼"	76	42.4	74	31.8	4.85	1147940994100	27
48	1½"	92	48.6	83	35	5.08	1147950994100	18
60.32	2"	109	60.7	97	38.1	5.55	1147963994100	10

ASTM BALLVALVE



Size		D1	d	D	l	L	H	W	Cat No.	Packaging
Mm	Inch									
21.34	½"	21.34	15	32.1	21.6	80	44.9	68.5	1150920997100	30
26.67	¾"	26.67	20	38.5	25	93.3	52	80.5	1150925997100	20
33.4	1"	33.4	24	47	29	106.3	65	100	1150932997100	10
42.16	1¼"	42.16	30	54	32	121.3	70	108	1150940997100	8
48.26	1½"	48.26	33.8	62	35.4	133.3	73.5	108	1150950997100	5
60.32	2"	60.32	45	75.7	38.6	149	81	138	1150963997100	3