

# Saint-Gobain Pipe Systems



AF Pipetrack

# AF Pipetrack

In the fast moving energy industries markets, today's trading environment has never been more competitive. Sustained success is dependant upon increased production along with improved efficiency and ongoing cost reductions, all vital ingredients to gain a competitive edge in the market place.

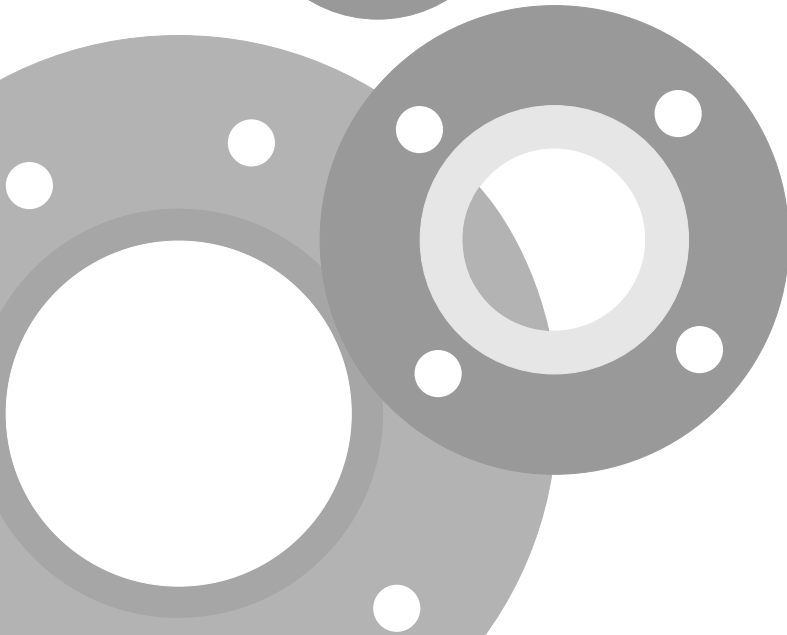
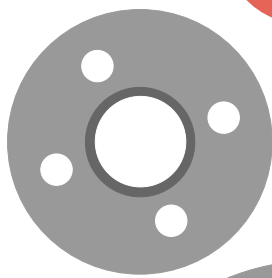
This is where **AF Pipetrack** can help, through our specialist and market focused team who are well versed in supplying Quality Tube conveyance pipes and a full range of associated ancillaries. Our customers and markets are diverse, as are their needs, which can range from a 'just in time' delivery for one length of pipe or fitting, to major projects where large volume business is involved.

**AF Pipetrack** has extensive knowledge and experience in the supply of Quality Tube, both at the customer end of our business and extensive world wide knowledge which also covers trading agreements with most of the major manufacturers. We offer, and hold on the ground, an extensive and in-depth stock range of Quality Tube materials for fast delivery. All products are purchased from manufacturers who are well established and known for their high engineering and integrity standards, underscored by their individual Quality Approval schemes and **AF Pipetrack's** Lloyds Register Quality Assurance to ISO 9002:1994.

Whatever your needs are for Quality Tubes, including engineering solutions, processing facilities or consultant help, the **AF Pipetrack** team are the people to contact for fast and efficient service.

e  
a  
s  
t

# Quality



The extensive tube range includes:

API 5L, ASTM A106 & A333 Tube

BS 3601/2 Steel Tube

Carbon Steel Flanges to ANSI B16.5

BS1640/ANSI B16.9

Weld Fittings

- **Full range of tube, fittings and flanges - ex stock**
- **Double and single randoms available - ex stock**
- **Full cutting service available**
- **Full test certificates available**
- **Fully trained experienced sales support**

# Quality Tube

## API, ASTM, A106 & A333

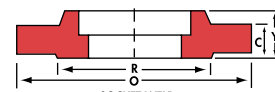
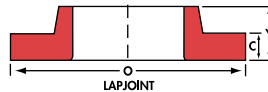
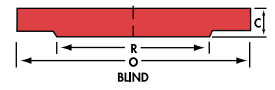
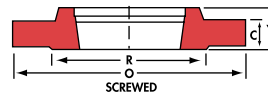
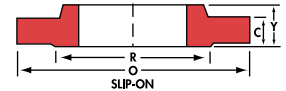
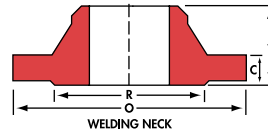
### Tube Dimensions

Nominal Bore mm inches	Outside Dia mm	Wall Thickness mm kg/m	SCHD 10	20	30	STD/WT	40	Extra Strong	60	80	100	120	140	160	Double X Strong
8mm 1/4"	13.72	mm kg/m				2.24 0.63	2.24 0.63	3.02 0.80		3.02 0.80					
10mm 3/8"	17.50	mm kg/m				2.31 0.85	2.31 0.85	3.20 1.10		3.20 1.10					
15mm 1/2"	21.34	mm kg/m				2.77 1.27	2.77 1.27	3.73 1.62		3.73 1.62				4.75 1.94	7.47 2.55
20mm 3/4"	26.67	mm kg/m				2.87 1.69	2.87 1.69	3.91 2.20		3.91 2.20				5.56 2.90	7.82 3.63
25mm 1"	33.40	mm kg/m				3.38 2.50	3.38 2.50	4.55 3.24		4.55 3.24				6.35 4.24	9.09 6.45
32mm 1 1/4"	42.16	mm kg/m				3.56 3.39	3.56 3.39	4.85 4.47		4.85 4.47				6.35 5.61	9.70 7.76
40mm 1 1/2"	48.26	mm kg/m				3.69 4.05	3.69 4.05	5.08 5.41		5.08 5.41				7.14 7.25	10.15 9.56
50mm 2"	60.33	mm kg/m				3.91 5.44	3.91 5.44	5.54 7.48		5.54 7.48				8.74 11.11	11.07 13.44
65mm 2 1/2"	70.03	mm kg/m				5.16 8.63	5.16 8.63	7.01 11.41		7.01 11.40				9.53 14.92	14.02 20.39
80mm 3"	88.90	mm kg/m				5.49 11.29	5.49 11.29	7.62 5.27		7.62 15.27				11.13 21.35	15.24 27.68
90mm 3 1/2"	101.6	mm kg/m				5.74 13.57	5.74 13.57	8.08 18.63		8.08 18.63					
100mm 4"	114.3	mm kg/m				6.02 16.07	6.02 16.07	8.56 22.32		8.56 22.32		11.13 28.32		13.49 33.54	17.12 41.03
125mm 5"	141.3	mm kg/m				6.55 21.77	6.55 21.77	9.53 30.97		9.53 30.97		12.70 40.28		15.88 49.11	19.05 57.43
150mm 6"	168.3	mm kg/m				7.11 28.26	7.11 28.26	10.97 42.56		10.97 42.56		14.27 54.20		18.26 67.56	21.95 79.22
200mm 8"	219.1	mm kg/m		6.35 33.31	7.04 36.81	8.18 42.55	8.18 42.55	12.70 64.64	10.31 58.08	12.70 64.64	15.09 75.92	18.26 90.44	20.62 100.92	23.01 111.27	22.23 107.92
250mm 10"	273.1	mm kg/m		6.35 41.77	7.80 51.03	9.27 60.31	9.27 60.31	12.70 81.55	12.70 81.55	15.09 96.01	18.26 114.75	21.44 133.06	25.40 155.15	28.58 172.33	25.40 155.15
300mm 12"	323.9	mm kg/m		6.35 49.73	8.38 65.20	9.53 73.88	10.31 79.73	12.70 97.46	14.27 108.97	17.48 131.08	21.44 159.91	25.40 186.77	28.58 208.14	33.32 238.76	25.40 186.97
350mm 14"	355.6	mm kg/m	6.35 54.69	7.92 67.90	9.53 81.33	9.53 81.33	11.13 94.55	12.70 107.39	15.09 126.71	19.05 158.10	23.83 194.96	27.79 224.65	31.75 253.56	35.71 281.70	
400mm 16"	406.4	mm kg/m	6.35 62.64	7.92 77.83	9.53 93.27	9.53 93.27	12.70 123.30	12.70 123.30	16.66 160.12	21.44 203.53	26.19 245.56	30.96 286.64	36.53 333.19	40.49 365.35	
450mm 18"	457	mm kg/m	6.35 70.57	7.92 87.11	11.13 122.38	9.53 105.16	14.27 155.80	12.70 139.15	19.05 205.74	23.83 254.55	29.36 309.62	34.93 363.56	39.67 408.26	45.24 459.37	
500mm 20"	508	mm kg/m	6.35 78.55	9.53 117.15	12.70 155.12	9.53 117.15	15.09 183.42	12.70 155.12	20.62 247.83	26.19 311.17	32.54 381.53	38.10 441.49	44.45 508.11	50.01 564.81	
550mm 22"	559	mm kg/m	6.35 94.37	9.53 141.12	14.27 209.64	9.53 141.12	17.48 255.41	12.70 187.06	24.61 355.26						
600mm 24"	610	mm kg/m	7.92 127.36	12.70 202.72		9.53 152.87		12.70 202.72							
650mm 26"	660	mm kg/m	7.90 127.04	9.50 152.39	12.70 202.72	9.50 152.39		12.70 202.72							
700mm 28"	711	mm kg/m	7.92 137.32	12.70 218.69	15.88 271.21	9.53 164.85		12.70 218.69							
750mm 30"	762	mm kg/m	7.92 147.28	12.70 234.67	15.88 292.18	9.53 176.84		12.70 234.67							
800mm 32"	813	mm kg/m	7.92 157.24	12.70 260.64	15.88 312.15	9.53 188.82	17.48 342.91	12.70 250.64							
850mm 34"	864	mm kg/m	7.92 167.20	12.70 266.61	15.88 332.12	9.53 200.31	17.48 364.90	12.70 266.61							
900mm 36"	914	mm kg/m	7.92 176.96	12.70 282.27	15.88 351.70	9.53 212.56	19.05 420.42	12.70 282.27							

# Carbon Steel Flanges to ANSI B16.5 (Dimensions to BS1560)

## ASA 150lb

Nominal Pipe Size	Outside Diameter of Flange O	Thickness of Flange C	Diameter of Raised Face R	Length through hub - Y			Drilling		
				Welding Neck	Slip-on, Screwed, Socket Weld	Lap Joint	Diameter of Bolt Circle	No	Size of Holes
mm	mm	mm	mm	mm	mm	mm	mm	No	mm
15	89.0	11.1	34.9	47.6	15.9	15.9	60.3	4	15.9
20	98.0	12.7	42.9	52.4	15.9	15.9	69.8	4	15.9
25	108.0	14.3	50.8	55.6	17.5	17.5	79.4	4	15.9
32	117.0	15.9	63.5	57.2	20.6	20.6	88.9	4	15.9
40	127.0	17.5	73.0	61.9	22.2	22.2	98.4	4	15.9
50	152.0	19.0	92.1	63.5	25.4	25.4	120.6	4	19.0
65	178.0	22.2	104.8	69.9	28.6	28.6	139.7	4	19.0
80	190.0	23.8	127.0	69.9	30.2	30.2	152.4	4	19.0
90	216.0	23.8	139.7	71.4	31.7	31.7	177.8	8	19.0
100	229.0	23.8	157.2	76.2	33.3	33.3	190.5	8	19.0
125	254.0	23.8	185.7	88.9	36.5	36.5	215.9	8	22.2
150	279.0	25.4	215.9	88.9	39.7	39.7	241.3	8	22.2
200	343.0	28.6	269.9	101.6	44.5	44.5	298.4	8	22.2
250	406.0	30.2	323.8	101.6	49.2	49.2	362.0	12	25.4
300	483.0	31.8	381.0	114.3	55.6	55.6	431.8	12	25.4
350	533.0	34.9	412.7	127.0	57.2	57.2	476.2	12	28.6
400	597.0	36.5	469.9	127.0	63.5	63.5	539.8	16	28.6
450	635.0	39.7	533.4	139.7	68.3	68.3	577.8	16	31.8
500	698.0	42.9	584.2	144.5	73.0	73.0	635.0	20	31.8
550	749.0	46.0	641.3	149.2	79.4	79.4	692.1	20	34.9
600	813.0	47.6	692.1	152.4	82.6	82.6	749.3	20	34.9



## ASA 300lb

Nominal Pipe Size	Outside Diameter of Flange O	Thickness of Flange C	Diameter of Raised Face R	Length through hub - Y			Drilling		
				Welding Neck	Slip-on, Screwed, Socket Weld	Lap Joint	Diameter of Bolt Circle	No	Size of Holes
mm	mm	mm	mm	mm	mm	mm	mm	No	mm
0.5	95.0	14.3	34.9	52.4	22.2	22.2	66.7	4	15.9
20	117.0	15.9	42.9	57.2	25.4	25.4	82.6	4	19.0
25	123.8	17.5	50.8	61.9	27.0	27.0	88.9	4	19.0
32	133.3	19.0	63.5	65.1	27.0	27.0	98.4	4	19.0
40	155.6	20.6	73.0	68.3	30.2	30.2	114.3	4	22.2
50	165.1	22.2	92.1	69.9	33.3	33.3	127.0	8	19.0
65	190.0	25.4	104.8	76.2	38.1	38.1	149.2	8	22.2
80	209.5	28.6	127.0	79.4	42.9	42.9	168.3	8	22.2
90	288.6	30.2	139.7	81.0	44.4	44.4	184.1	8	22.2
100	254.0	31.8	157.2	85.7	47.6	47.6	200.0	8	22.2
125	279.4	34.9	185.7	98.4	50.8	50.8	234.9	8	22.2
150	317.5	36.5	215.9	98.4	52.4	52.4	269.9	12	22.2
200	381.0	41.3	269.9	111.1	61.9	61.9	330.2	12	25.4
250	444.0	47.6	323.8	117.5	66.8	66.8	387.4	16	28.6
300	520.7	50.8	381.0	130.2	73.0	73.0	450.8	16	31.8
350	584.2	54.0	412.7	142.9	76.2	76.2	514.4	20	31.8
400	647.7	57.2	469.9	146.1	82.6	82.6	571.5	20	34.9
450	711.2	60.3	533.4	158.8	88.9	88.9	628.6	24	34.9
500	774.7	63.5	584.2	161.9	95.3	95.3	685.8	24	34.9
550	838.2	66.7	641.3	165.1	101.6	101.6	742.9	24	41.3
600	914.4	69.8	692.1	168.3	106.4	106.4	812.8	24	41.3

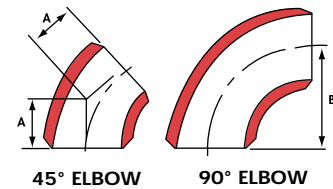
## ASA 600lb

Nominal Pipe Size	Outside Diameter of Flange O	Thickness of Flange C	Diameter of Raised Face R	Length through hub - Y			Drilling		
				Welding Neck	Slip-on, Screwed, Socket Weld	Lap Joint	Diameter of Bolt Circle	No	Size of Holes
mm	mm	mm	mm	mm	mm	mm	mm	No	mm
15	95.0	14.3	34.9	52.4	22.2	22.2	66.7	4	15.9
20	117.0	15.9	42.9	57.1	25.4	25.4	82.6	4	19.0
25	124.0	17.5	50.8	61.9	27.0	27.0	88.9	4	19.0
32	133.3	20.6	63.5	66.8	28.6	28.6	98.4	4	19.0
40	155.6	22.2	73.0	69.9	31.8	31.8	114.3	4	22.2
50	165.1	25.4	92.1	73.0	36.5	36.5	127.0	8	19.0
65	190.0	28.6	104.8	79.4	41.3	41.3	149.2	8	22.2
80	209.5	31.8	127.0	82.6	46.0	46.0	168.3	8	22.2
90	228.6	34.9	139.7	85.7	49.2	49.2	184.1	8	25.4
100	273.0	38.1	157.2	101.6	54.0	54.0	215.9	8	25.4
125	330.2	44.4	185.7	114.3	60.3	60.3	266.7	8	28.6
150	355.6	47.6	215.9	117.5	66.8	66.8	292.1	12	28.6
200	419.1	55.6	269.9	133.4	76.2	76.2	349.2	12	31.8
250	508.0	63.5	323.8	152.4	85.7	85.7	431.8	16	34.9
300	558.8	66.7	381.0	155.6	92.1	92.1	488.9	20	34.9
350	603.2	69.8	412.7	165.1	93.7	93.7	527.0	20	38.1
400	685.8	76.2	469.9	177.8	106.4	106.4	603.2	20	41.3
450	742.9	82.6	533.4	184.2	117.5	117.5	654.0	20	44.4
500	812.8	88.9	584.2	190.5	127.0	127.0	723.0	24	44.4
550	870.0	95.2	641.3	196.8	133.3	133.3	777.9	24	47.6
600	939.8	101.6	692.1	203.2	139.7	139.7	838.2	24	50.8

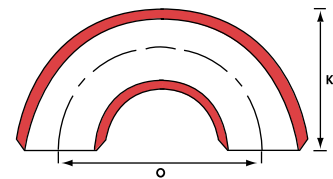
# Quality Tube Flanges

# BS 1640 / ANSI B16.9 Weld Fittings

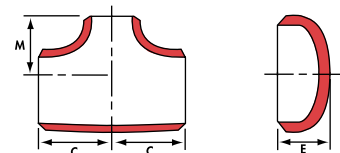
Nominal Pipe Size mm	Long Radius				Short Radius			Equal Tees C and M mm	Caps E mm
	45 Elbows A mm	90 Elbows B mm	180 Returns		90 Elbows B mm	180 Returns			
			K mm	O mm		K mm	O mm		
15	16.0	38.0	48.0	76.0				25.0	25.0
20	19.0*	38.0*	43.0	57.0				28.0	25.0
25	22.0	38.0	56.0	76.0	25.0	41.0	51.0	38.0	38.0
32	25.0	48.0	70.0	95.0	32.0	52.0	64.0	48.0	38.0
40	29.0	57.0	83.0	114.0	38.0	62.0	76.0	57.0	38.0
50	35.0	76.0	106.0	152.0	51.0	81.0	102.0	64.0	38.0
65	44.0	95.0	132.0	191.0	64.0	100.0	127.0	76.0	38.0
80	51.0	114.0	159.0	229.0	76.0	121.0	152.0	86.0	51.0
90	57.0	133.0	184.0	267.0	89.0	140.0	178.0	95.0	64.0
100	64.0	152.0	210.0	305.0	102.0	159.0	203.0	105.0	64.0
125	79.0	190.0	262.0	381.0	127.0	197.0	254.0	124.0	76.0
150	95.0	229.0	313.0	457.0	152.0	237.0	305.0	143.0	89.0
200	127.0	305.0	414.0	610.0	203.0	313.0	406.0	178.0	102.0
250	159.0	381.0	518.0	762.0	254.0	391.0	508.0	216.0	127.0
300	190.0	457.0	619.0	914.0	305.0	467.0	610.0	254.0	152.0
350	222.0	533.0	711.0	1067.0	356.0	533.0	711.0	279.0	165.0
400	254.0	610.0	813.0	1219.0	406.0	610.0	813.0	305.0	178.0
450	286.0	686.0	914.0	1372.0	457.0	686.0	914.0	343.0	203.0
500	318.0	762.0	1016.0	1524.0	508.0	762.0	1016.0	381.0	229.0
550	343.0	838.0	1118.0	1676.0	559.0	838.0	1118.0	419.0	254.0
600	381.0	914.0	1219.0	1829.0	610.0	914.0	1219.0	432.0	267.0
650	406.4	990.6							267.0
700	438.2	1066.8							267.0
750	469.9	1143.0						559.0	267.0
900	565.2	1371.6						673.0	267.0



45° ELBOW 90° ELBOW



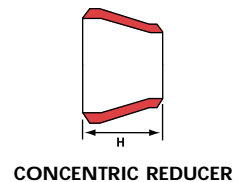
180° RETURN



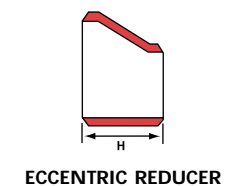
EQUAL TEE CAP

Nominal Pipe Size mm	Reducers Height H mm	Reducing Tees Centre to End	
		Run C mm	Branch M mm
20x15	38.0		
25x20	51.0	38.0	38.0
25x15	51.0	38.0	38.0
32x25	51.0	48.0	48.0
32x20	51.0	48.0	48.0
40x32	64.0	57.0	57.0
40x25	64.0	57.0	57.0
40x20	64.0	57.0	57.0
50x40	76.0	64.0	60.0
50x25	76.0	64.0	51.0
65x50	89.0	76.0	70.0
65x40	89.0	76.0	67.0
80x65	89.0	86.0	83.0
80x50	89.0	86.0	76.0
80x40	89.0	86.0	73.0
100x80	102.0	105.0	98.0
100x65	102.0	105.0	95.0
100x50	102.0	105.0	88.9
125x100	127.0	124.0	117.0
125x80	127.0	124.0	111.0
150x125	140.0	143.0	137.0
150x100	140.0	143.0	130.0
150x80	140.0	143.0	124.0

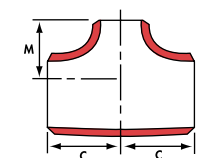
Nominal Pipe Size mm	Reducers Height H mm	Reducing Tees Centre to End	
		Run C mm	Branch M mm
200x150	152.0	178.0	168.0
200x125	152.0	178.0	162.0
200x100	152.0	178.0	156.0
250x200	178.0	216.0	203.0
250x150	178.0	216.0	194.0
300x250	203.0	254.0	241.0
300x200	203.0	254.0	229.0
300x150	203.0	254.0	219.0
350x300	330.0	279.0	270.0
350x250	330.0	279.0	257.0
400x350	356.0	305.0	305.0
400x300	356.0	305.0	295.0
400x250	356.0	305.0	283.0
450x400	381.0	343.0	330.0
450x350	381.0	343.0	330.0
450x300	381.0	343.0	321.0
500x450	508.0	381.0	368.0
500x400	508.0	381.0	356.0
500x350	508.0	381.0	356.0
600x500	508.0	432.0	432.0
600x450	508.0	432.0	419.0
600x400	508.0	432.0	406.0



CONCENTRIC REDUCER



ECCENTRIC REDUCER



REDUCING TEE

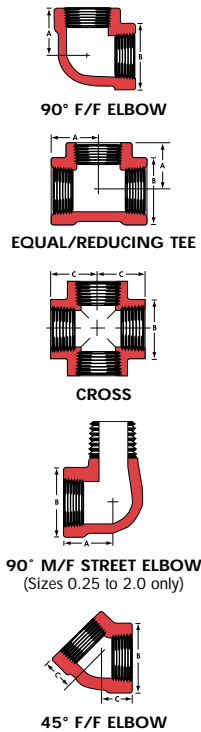
\*These items may be supplied to alternative dimensions A:11.0 and B:29.0 at manufacturer's discretion.

# Quality Tube Fittings

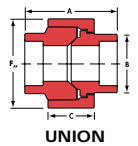
# Forged Steel Fittings

## BS 3799/ANSI B16.1 Threaded

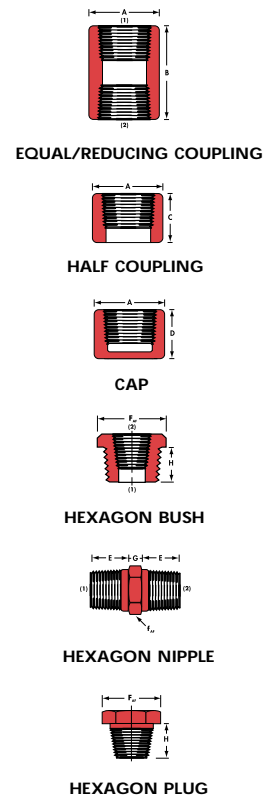
Normal Pipe Size inches	Normal Pipe Size mm	A inches mm	B inches mm	C inches mm
0.125	6	0.81 20.60	0.88 22.40	0.69 17.50
0.25	8	0.97 24.60	1.00 25.40	0.75 19.10
0.375	10	1.12 28.40	1.31 33.30	0.88 22.40
0.5	15	1.31 33.30	1.50 38.10	1.00 25.40
0.75	20	1.50 38.10	1.81 46.00	1.12 28.40
1	25	1.75 44.50	2.19 55.60	1.31 33.30
1.25	32	2.00 50.80	2.44 62.00	1.38 35.10
1.5	40	2.38 60.50	2.97 75.40	1.69 42.90
2	50	2.50 63.50	3.31 84.10	1.72 43.70
2.5	65	3.25 82.60	4.00 101.60	2.06 52.30
3	80	3.75 95.20	4.75 120.70	2.50 63.50
4	100	4.50 114.3	6.00 152.40	3.12 79.20



Normal Pipe Size inches	Normal Pipe Size mm	A inches mm	B inches mm	C inches mm	F <sub>AF</sub> inches mm
0.125	6	1.57 39.90	0.67 17.00	0.63 16.00	1.26 32.00
0.25	8	1.69 42.90	0.75 19.10	0.71 18.00	1.26 32.00
0.375	10	1.89 48.00	0.87 22.10	0.75 19.10	1.42 36.10
0.5	15	2.00 50.80	1.18 29.90	0.83 21.10	1.69 42.90
0.75	20	2.24 56.90	1.42 36.10	0.94 23.90	1.97 50.00
1	25	2.52 64.00	1.61 40.90	0.98 24.90	2.36 59.90
1.25	32	2.76 70.10	1.97 50.10	1.14 28.90	2.76 70.10
1.5	40	3.11 78.90	2.36 59.90	1.18 29.90	3.07 77.90
2	50	3.50 88.90	2.76 70.10	1.46 37.10	3.74 94.90
2.5	65	4.65 118.10	3.35 85.10	1.89 48.00	4.92 124.90
3	80	4.76 120.90	3.94 100.10	2.00 50.80	5.51 139.90
4	100	6.25 158.80	5.50 139.70	2.63 66.80	7.50 190.50



Normal Pipe Size inches	Normal Pipe Size mm	A inches mm	B inches mm	C inches mm	D inches mm	E BSP inches mm	E NPT inches mm	F <sub>AF</sub> inches mm	f <sub>AF</sub> inches mm	G inches mm	H inches mm
0.125	6	0.62 15.70	1.25 31.70	0.63 16.00	0.75 19.10	0.39 9.90	0.38 9.90	0.44 11.20	0.433 11.00	0.24 6.10	0.38 9.70
0.25	8	0.75 19.00	1.38 35.00	0.69 17.60	1.00 25.40	0.59 15.00	0.44 11.20	0.62 15.80	0.59 15.00	0.24 6.10	0.44 11.20
0.375	10	0.88 22.00	1.50 38.10	0.75 19.10	1.00 25.40	0.63 16.00	0.50 12.70	0.69 17.60	0.71 18.10	0.31 7.90	0.50 12.70
0.5	15	1.12 28.40	1.88 47.80	0.94 23.90	1.25 31.80	0.79 20.10	0.56 14.30	0.88 22.40	0.87 22.10	0.31 7.90	0.56 14.30
0.75	20	1.38 35.00	2.00 50.80	1.00 25.40	1.44 36.60	0.83 21.10	0.62 15.80	1.06 27.00	1.06 27.00	0.39 9.90	0.62 15.80
1	25	1.75 44.50	2.38 60.50	1.19 30.30	1.62 41.20	0.98 24.90	0.75 19.10	1.38 35.10	1.38 35.10	0.39 9.90	0.75 19.10
1.25	32	2.25 57.20	2.62 66.60	1.31 33.30	1.75 44.50		0.81 20.60	1.75 44.50	1.81 46.00	0.49 12.50	0.81 20.60
1.5	40	2.50 63.50	3.13 79.50	1.56 39.70	1.75 44.50	1.02 25.90	0.81 20.60	2.00 50.80	1.97 50.10	0.63 16.00	0.81 20.60
2	50	3.00 76.20	3.38 85.90	1.69 43.00	1.88 47.80	1.06 27.00	0.88 22.40	2.50 63.50	2.44 62.00	0.67 17.10	0.88 22.40
2.5	65	3.62 92.00	3.62 92.00	1.81 46.00	2.38 60.50	1.61 40.90	1.06 27.00	3.00 76.20	2.99 76.00	0.75 19.10	1.06 27.00
3	80	4.25 108.00	4.25 108.00	2.13 54.10	2.56 65.10	1.65 42.00	1.12 28.50	3.50 88.90	3.70 94.00	0.81 20.60	1.12 28.50
4	100	5.50 139.70	4.75 120.70	2.38 60.50	2.69 68.40	1.77 45.00	1.25 31.80	4.62 117.40	4.65 118.20	1.00 25.40	1.25 31.80



Fittings available either Hot Dipped Galvanised or Electro Plated to BS1706

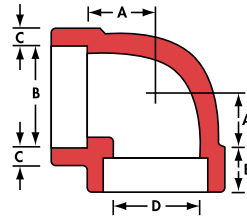
Threaded fittings are available either Threaded to ANSI B1.20(NPT) or Screwed BS21 Taper Thread (BSP)

# Quality Tube Fittings

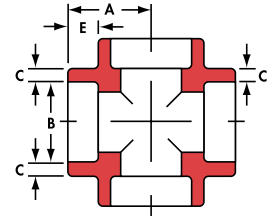
# Forged Steel Fittings

## BS 3799/ANSI B16.1 Socket Weld

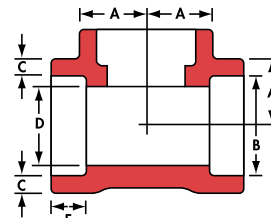
Nominal Pipe Size inches	Nominal Pipe Size mm	A inches mm	B inches mm	C inches mm	D inches mm	E inches mm	F inches mm
0.125	6	0.44 11.20	0.42 10.67	0.125 3.20	0.239 6.10	0.38 9.70	0.31 7.90
0.25	8	0.44 11.20	0.555 14.10	0.13 3.30	0.334 8.50	0.38 9.70	0.31 7.90
0.375	10	0.53 13.50	0.69 17.53	0.138 3.50	0.463 11.80	0.38 9.70	0.31 7.90
0.5	15	0.62 15.80	0.859 21.80	0.161 4.10	0.592 15.00	0.38 9.70	0.44 11.20
0.75	20	0.75 19.10	1.065 27.10	0.168 4.30	0.794 20.20	0.50 12.70	0.50 12.70
1	25	0.88 22.40	1.33 33.80	0.196 4.90	1.019 25.90	0.50 12.70	0.56 14.20
1.25	32	1.06 26.90	1.675 42.50	0.208 5.30	1.35 34.30	0.50 12.70	0.69 17.50
1.5	40	1.25 31.80	1.915 48.60	0.218 5.50	1.58 40.10	0.50 12.70	0.81 20.60
2	50	1.50 38.10	2.406 61.10	0.238 6.00	2.037 51.70	0.62 15.70	1.00 25.40
2.5	65	1.62 41.15	2.706 68.70	0.302 7.70	2.409 61.20	0.62 15.70	1.12 28.50
3	80	2.25 57.20	3.535 89.80	0.327 8.30	3.068 77.90	0.62 15.70	1.25 31.80
4	100	2.62 66.60	4.545 115.40	0.368 9.30	3.966 100.70	0.75 19.10	1.62 41.20



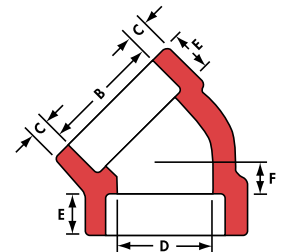
90° ELBOW



CROSS

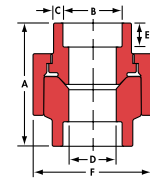


EQUAL/REDUCING TEE

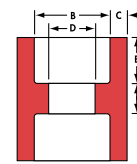


45° ELBOW

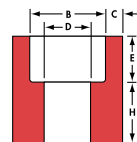
Nominal Pipe Size inches	Nominal Pipe Size mm	A inches mm	B inches mm	C inches mm	D inches mm	E inches mm	F <sub>AF</sub> inches mm	G inches mm	H inches mm	J inches mm
0.125	6	1.46 37.10	0.42 10.70	0.125 3.20	0.239 6.10	0.38 9.70	1.26 32.00	0.25 6.40	0.62 15.70	0.16 4.10
0.25	8	1.46 37.10	0.555 14.10	0.13 3.30	0.334 8.50	0.38 9.70	1.26 32.00	0.25 6.40	0.62 15.70	0.28 7.10
0.375	10	1.46 37.10	0.69 17.50	0.138 3.50	0.463 11.80	0.38 9.70	1.42 36.10	0.25 6.40	0.69 17.50	0.28 7.10
0.5	15	1.50 38.10	0.855 21.70	0.161 4.10	0.592 15.00	0.38 9.70	1.69 42.90	0.38 9.70	0.88 22.40	0.31 7.90
0.75	20	1.81 45.90	1.065 27.10	0.168 4.30	0.794 20.20	0.50 12.70	1.97 50.00	0.38 9.70	0.96 24.40	0.39 9.90
1	25	2.05 52.10	1.33 33.80	0.196 4.90	1.019 25.90	0.50 12.70	2.36 59.90	0.50 12.70	1.12 28.50	0.43 10.90
1.25	32	2.13 54.10	1.675 42.60	0.208 5.30	1.35 34.30	0.50 12.70	2.76 70.10	0.50 12.70	1.19 30.20	0.51 12.90
1.5	40	2.20 55.90	1.915 48.60	0.218 5.50	1.58 40.10	0.50 12.70	3.07 77.90	0.50 12.70	1.25 31.80	0.55 13.90
2	50	2.68 68.10	2.406 61.10	0.238 6.10	2.037 51.80	0.62 15.70	3.74 94.90	0.75 19.10	1.62 41.20	0.71 18.00
2.5	65	3.50 88.90	2.906 73.80	0.302 7.70	2.409 61.20	0.62 15.70	4.92 124.90	0.75 19.10	1.69 42.90	0.83 21.10
3	80	3.78 96.00	3.535 89.80	0.327 8.30	3.068 77.90	0.62 15.70	3.51 139.90	0.75 19.10	1.75 44.50	0.94 23.90
4	100	6.25 158.80	4.545 115.40	0.368 9.40	3.966 100.70	0.75 19.10	7.50 190.50	0.75 19.10	1.88 47.80	0.95 24.10



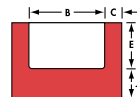
UNION



EQUAL COUPLING



REDUCING COUPLING



CAP

A full range of pipe nipples is also available from stock

# Quality Tube Fittings

## North

### 1 Manchester (Radcliffe)

Higher Ainsworth Road, Radcliffe  
Manchester M26 4AF  
Tel: 0161 723 3468 Fax: 0161 724 6800

### 2 Manchester (Trafford Park)

Hattons Road, Trafford Park  
Manchester M17 1PS  
Tel: 0161 848 5890 Fax: 0161 848 5899

### 3 Grimsby

Unit 5, Estate Road No. 5  
Humberside Industrial Estate, Grimsby DN31 2TX  
Tel: 01472 349670 Fax: 01472 349695

### 4 Hebburn

Station Road, Hebburn  
Tyne & Wear NE31 1BD  
Tel: 0191 428 0018 Fax: 0191 483 3628

### 5 Leeds

Jawbone Industrial Estate, Wood Lane  
Rothwell, Leeds LS26 0RP  
Tel: 0113 282 0002 Fax: 0113 282 5572

## Ireland

### 6 Dublin

Hibernian Industrial Estate, Greenhills Road,  
Tallaght, Dublin 24  
Tel: 01 4527522 Fax: 01 4514621

### 7 Cork

Doughcloyne Court Industrial Estate  
Wilton, Cork  
Tel: 00 35321 4348005 Fax: 00 35321 4348019

## Isle of Man

### 8 Braddon

Kirby Farm, Braddon, Isle of Man IM4 2AD  
Tel/Fax: 01624 610269

## Wales

### 15 Cardiff

St. Catherine's Park, Pengam Road,  
Cardiff CF24 2RZ  
Tel: 029 2044 5800 Fax: 029 2044 5801

### 16 Rhuddlan

The Old Waterworks Depot, Abergele Road,  
Rhuddlan, Denbighshire LL18 5UU  
Tel: 01745 593100 Fax: 01745 593101

## South West

### 9 Bournemouth

Little Canford, Ham Lane, Near Wimborne  
Dorset BH21 7LR  
Tel: 01202 892992 Fax: 01202 872646

### 10 Newton Abbot

Roundhead Road, Heathfield Industrial Estate  
Newton Abbot, Devon TQ12 6SZ  
Tel: 01626 833844 Fax: 01626 833131

### 11 Yate

North Road, Yate,  
South Gloucestershire BS37 7PA  
Tel: 01454 333000 Fax: 01454 333001

## Scotland

### 12 Bellshill

Marion Street, Off Main Street  
Mossend, Bellshill ML4 1EB  
Tel: 01698 740741 Fax: 01698 740744

### 13 Dumfries

Unit 210, Heathhall Industrial Estate  
Dumfries DG1 3PH  
Tel: 01387 248788 Fax: 01387 248790

### 14 Dundee

54 East Dock Street, Dundee DD1 3JX  
Tel: 01382 458989 Fax: 01382 458998

## Midlands

### 17 Birmingham

Mainstream Way, Nechells  
Birmingham B7 4SG  
Tel: 0121 380 8400 Fax: 0121 380 8401

### 18 Nottingham

155 Glaisdale Drive West  
Nottingham NG8 4GY  
Tel: 0115 928 5724 Fax: 0115 928 0389

### 19 Wolverhampton

Neachells Lane, Wednesfield  
Wolverhampton WV11 3QF  
Tel: 01902 867400 Fax: 01902 867499

## East Anglia

### 20 Norwich

5 Whiffler Road, Norwich, Norfolk NR3 2AG  
Tel: 01603 788388 Fax: 01603 410389

## South East

### 21 Billericay

Radford Way, Billericay, Essex CM12 0BZ  
Tel: 01277 720100 Fax: 01277 720150

### 22 High Wycombe

Coronation Road  
High Wycombe, Bucks HP12 3TA  
Tel: 01494 442144 Fax: 01494 464211

### 23 London

3/5 Silver Road, off Ariel Way, White City  
London W12 7SG  
Tel: 020 8600 3210 Fax: 020 8600 3232

### 24 Orpington

Cray Avenue, St. Mary Cray  
Orpington, Kent BR5 3RH  
Tel: 01689 891900 Fax: 01689 822372

### 25 Rochester

Neptune Way, Medway City Estate  
Rochester, Kent ME2 4NA  
Tel: 01634 290731 Fax: 01634 290778

  
**SAINT-GOBAIN**  
PIPE SYSTEMS

Saint-Gobain Pipe Systems PLC  
1-3 The Courtyard  
Calvin Street  
The Valley  
Bolton BL1 8HP  
Tel: 01204 546200  
Fax: 01204 546201  
www.sgps.co.uk

