

Fittings and Accessories

Baolai Steel provide carbon, alloy and stainless steel pipe fittings with all standard.

Size: 1/2" - 30"

Surface: Black Painted, Galvanized, FBE, 3LPE, 3LPP, etc.



45° Elbow



90° Elbow



180° Elbow



Equal Tee



Reducer Tee



Equal Cross



Concentric Reducer



Eccentric Reducer



Cap

Fittings and Accessories



Plate Flange



Welding Neck Flange



Slip on Flange



Blind Flange



Coupling



Nipple



Union



Adapter



Butterfly Valve



Ball Valve



Gate Valve



Stub End

DUCTILE IRON GROOVED FITTINGS AND COUPLINGS



Rigid Coupling



Flexible Coupling



90° Elbow



45° Elbow



22.5° Elbow



11.5° Elbow



Equal Tee



Reducing Tee



THD Reducing Tee



THD Reducing Cross



Reducing Cross



Equal Cross



THD Eccentric Reducer



THD Concentric Reducer



Concentric Reducer



Eccentric Reducer



Mechanical Tee



THD Mechanical Tee



U-bolt Mechanical



Grooved Flange



Flange



End Cap



Gasket Ring



Bolts And Nuts

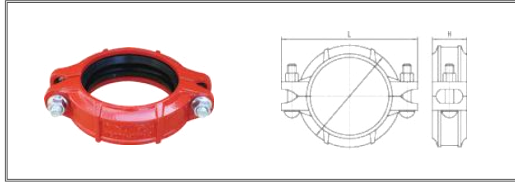
Surface treatment:

P: Painting B: Black E: Electroplate

S: Epoxy J: Galvanization+Epoxy G: Galvanization D: Dacromet

Note: Due to the numerous pipe fittings, only some of the product specifications are shown below.

Rigid Coupling/ Flexible Coupling



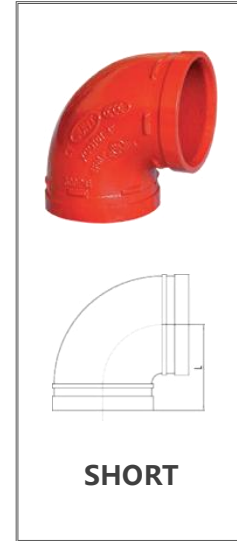
According to different situations, the appearance can be dealt with epoxy powder, galvanized, paint, dacromet or your requirements.

Nominal Size (mm/ in)	Pipe O.D (mm/ in)	Working Pressure (PSI/ Mpa)	Bolt Size No.-Size (mm)	Dimensions (mm/ in)		
				Φ	L	H
25	33.7	300	2-M10*45	55.6	98	44
1	1.327	2.07		2.188	3.858	1.732
32	42.4	300	2-M10*45	66	107	44
1 1/4	1.669	2.07		2.598	4.213	1.732
40	48.3	300	2-M10*45	74	115	44
1 1/2	1.9	2.07		2.913	4.527	1.732
50	60.3	300	2-M10*45	88.4	125	46
2	2.374	2.07		3.480	4.921	1.732
65	73.0	300	2-M10*45	102.2	140	46
2 1/2	2.875	2.07		4.024	5.512	1.772
65	76.1	300	2-M10*55	102.2	140	46
2 1/2	3	2.07		4.024	5.512	1.772
80	88.9	300	2-M10*60	117.4	154	46
3	3.5	2.07		4.622	6.063	1.772
100	108	300	2-M12*65	138.8	184	48
4	4.25	2.07		5.466	7.244	1.889
100	114.3	300	2-M12*65	146.6	190	48
4	4.5	2.07		5.772	7.480	1.889
125	133	300	2-M12*75	158	212	48
5	5.25	2.07		6.220	8.346	1.889
125	139.7	300	2-M12*75	171.2	220	48
5	5.5	2.07		6.740	8.661	1.889
125	141.3	300	2-M12*75	171.2	220	48
5	5.56	2.07		6.740	8.661	1.889
150	159	300	2-M12*75	192	240	48
6	6.25	2.07		7.559	9.448	2.008
150	165.1	300	2-M12*75	196.2	244	48
6	6.5	2.07		7.724	9.606	2.008
150	168.3	300	2-M12*75	199.4	246	48
6	6.625	2.07		7.850	9.685	2.008
200	219.1	300	2-M16*85	256.4	326	58
8	8.625	2.07		10.024	12.835	2.283
250	273	300	2-M16*85	316	426	64
10	10.748	2.07		12.441	16.771	2.520
300	323.9	300	2-M16*85	380	470	65
12	12.75	2.07		14.961	18.504	2.559

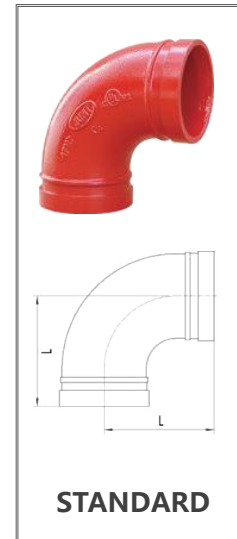
SHORT

STANDARD

90° Elbow



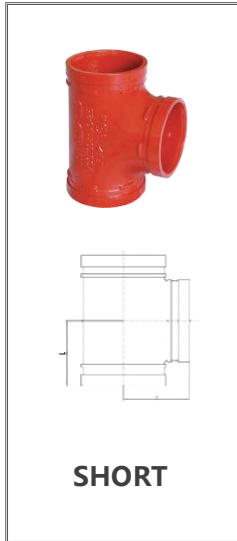
SHORT



STANDARD

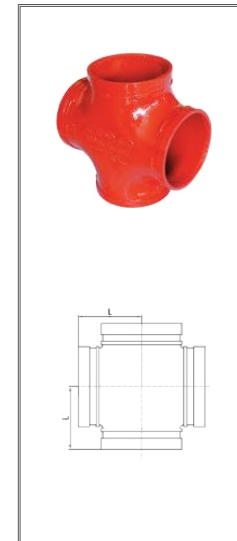
Nominal Size (mm/in)	Pipe O.D (mm/in)	Working Pressure (PSI/Mpa)	L mm/in	
			Short	Standard
25	33.7	300	57	57
1	1.327	2.07	2.244	2.24
32	42.4	300	60	70
1 1/4	1.669	2.07	2.362	2.75
40	48.3	300	60	70
1 1/2	1.900	2.07	2.362	2.75
50	60.3	300	70	83
2	2.375	2.07	2.756	3.27
65	73.0	300	76	95
2 1/2	2.875	2.07	2.992	3.74
65	76.1	300	76	95
2 1/2	3	2.07	2.992	3.74
80	88.9	300	90	108
3	3.5	2.07	3.543	4.25
100	108	300	102	127
4	4.252	2.07	4.016	5.00
100	114.3	300	102	127
4	4.5	2.07	4.016	5.00
125	133	300	122	122
5	5.25	2.07	4.803	4.80
125	139.7	300	122	140
5	5.5	2.07	4.803	5.50
125	141.3	300	122	140
5	5.56	2.07	4.803	5.50
150	159	300	140	165
6	6.25	2.07	5.512	6.50
150	165.1	300	140	165
6	6.5	2.07	5.512	6.50
150	168.3	300	140	165
6	6.625	2.07	5.512	6.50
200	219.1	300	175	197
8	8.625	2.07	6.890	7.75
250	273	300	215	229
10	10.75	2.07	8.465	9.00
300	323.9	300	230	254
12	12.75	2.07	9.055	10.00

Equal Tee



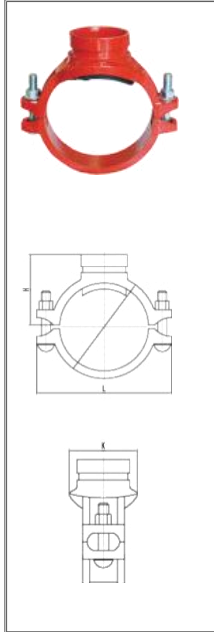
Nominal Size (mm/in)	Pipe O.D (mm/in)	Working Pressure (PSI/Mpa)	L mm/in	
			Short	Standard
25	33.7	300	57	57
1	1.327	2.07	2.244	2.24
32	42.4	300	60	70
1 1/4	1.669	2.07	2.362	2.75
40	48.3	300	60	70
1 1/2	1.900	2.07	2.362	2.75
50	60.3	300	70	83
2	2.375	2.07	2.756	3.27
65	73.0	300	76	95
2 1/2	2.875	2.07	2.992	3.74
65	76.1	300	76	95
2 1/2	3	2.07	2.992	3.74
80	88.9	300	90	108
3	3.5	2.07	3.543	4.25
100	108	300	102	127
4	4.252	2.07	4.016	5.00
100	114.3	300	102	127
4	4.5	2.07	4.016	5.00
125	133	300	122	122
5	5.25	2.07	4.803	4.80
125	139.7	300	122	140
5	5.5	2.07	4.803	5.50
125	141.3	300	122	140
5	5.56	2.07	4.803	5.50
150	159	300	140	165
6	6.25	2.07	5.512	6.50
150	165.1	300	140	165
6	6.5	2.07	5.512	6.50
150	168.3	300	140	165
6	6.625	2.07	5.512	6.50
200	219.1	300	175	197
8	8.625	2.07	6.890	7.75
250	273	300	215	229
10	10.75	2.07	8.465	9.00
300	323.9	300	230	254
12	12.75	2.07	9.055	10.00

Equal Cross



Nominal Size (mm/in)	Pipe O.D (mm/in)	Working Pressure (PSI/Mpa)	L (mm/in)
25	33.7	300	57
1	1.327	2.07	2.244
32	42.4	300	60
1 1/4	1.669	2.07	2.362
40	48.3	300	60
1 1/2	1.900	2.07	2.362
50	60.3	300	70
2	2.375	2.07	2.756
65	73.0	300	76
2 1/2	2.875	2.07	2.992
65	76.1	300	76
2 1/2	3	2.07	2.992
80	88.9	300	90
3	3.5	2.07	3.543
100	108	300	102
4	4.252	2.07	4.016
100	114.3	300	102
4	4.5	2.07	4.016
125	133	300	122
5	5.25	2.07	4.803
125	139.7	300	122
5	5.5	2.07	4.803
125	141.3	300	122
5	5.56	2.07	4.803
150	159	300	140
6	6.25	2.07	5.512
150	165.1	300	140
6	6.5	2.07	5.512
150	168.3	300	140
6	6.625	2.07	5.512
200	219.1	300	175
8	8.625	2.07	6.890
250	273	300	215
10	10.75	2.07	8.465
300	323.9	300	230
12	12.75	2.07	9.055

Mechanical Tee



Nominal Size mm/in	Pipe O.D mm/in	Working Pressure PSI/Mpa	Bolt Size No.-Size mm	Dimensions mm/in				Hole Dia mm/in +1.6,0/+0.063,0
				Φ	L	K	H	
50x25	60.3x33.7	300	2-M10x60	81	116	64.5	64	38
2 1/2x1	2.375x1.327	2.07		3.189	4.567	2.539	2.520	1.496
50x32	60.3x42.4	300		81	116	64.5	68	46
2x1 1/4	2.375x1.699	2.07		3.189	4.567	2.539	2.677	1.811
50x40	60.3x48.3	300		81	116	64.5	68	46
2x1 1/2	2.375x1.90	2.07		3.189	4.567	2.539	2.677	1.811
65x25	73.0x33.7	300		98	137	73	69	38
2 1/2x1	2.875x1.327	2.07		3.858	5.394	2.874	2.717	1.496
65x32	73.0x42.4	300		98	137	73	76	46
2 1/2x1 1/4	2.875x1.669	2.07		3.858	5.394	2.874	2.992	1.811
65x40	73.0x48.3	300		98	137	73	82	51
2 1/2x1 1/2	2.875x1.90	2.07		3.858	5.394	2.874	3.228	2.007
65x25	76.1x33.7	300		98	137	73	69	38
2 1/2x1	2.996x1.327	2.07		3.858	5.394	2.874	2.717	1.496
65x32	76.1x42.4	300		98	137	73	76	46
2 1/2x1 1/4	2.996x1.669	2.07		3.858	5.394	2.874	2.992	1.811
65x40	76.1x48.3	300		98	137	73	82	51
2 1/2x1 1/2	2.996x1.90	2.07		3.858	5.394	2.874	3.228	2.007
80x25	88.9x33.7	300		113	146	80.5	69	38
3x1	3.50x1.327	2.07		4.449	5.748	3.169	2.717	1.496
80x32	88.9x42.4	300	113	146	80.5	76	46	
3x1 1/4	3.50x1.669	2.07	4.449	5.748	3.169	2.992	1.811	
80x40	88.9x48.3	300	113	146	80.5	82	51	
3x1 1/2	3.50x1.90	2.07	4.449	5.748	3.169	3.228	2.007	
80x50	88.9x60.3	300	113	146	80.5	91	61	
3x2	3.50x2.375	2.07	4.449	5.748	3.169	3.583	2.402	
100x25	108.0x33.7	300	132	166	90	70	38	
4x1	4.252x1.327	2.07	5.197	6.535	3.543	2.756	1.496	
100x32	108.0x42.4	300	132	166	90	77	46	
4x1 1/4	4.252x1.669	2.07	5.197	6.535	3.543	3.031	1.811	
100x40	108.0x48.3	300	132	166	90	83	51	
4x1 1/2	4.252x1.90	2.07	5.197	6.535	3.543	3.268	2.008	
100x50	108.0x60.3	300	132	166	90	92	61	
4x2	4.252x2.375	2.07	5.197	6.535	3.543	3.622	2.402	
100x65	108.0x76.1	300	132	166	90	112	81	
4x2 1/2	4.252x2.996	2.07	5.197	6.535	3.543	4.409	3.189	
100x25	114.3x33.7	300	138	176	93	70	38	
4x1	4.50x1.327	2.07	5.433	6.926	3.661	2.756	1.496	
100x32	114.3x42.4	300	138	176	93	77	46	
4x1 1/4	4.50x1.669	2.07	5.433	6.929	3.661	3.031	1.811	
100x40	114.3x48.3	300	138	176	93	83	51	
4x1 1/2	4.50x1.90	2.07	5.433	6.929	3.661	3.268	2.007	
100x50	114.3x60.3	300	138	176	93	92	61	
4x2	4.50x2.375	2.07	5.433	6.929	3.661	3.622	2.402	
100x65	114.3x76.1	300	138	176	93	112	81	
4x2 1/2	4.50x2.996	2.07	5.433	6.929	3.661	4.409	3.189	
100x80	114.3x88.9	300	138	176	93	118	86	
4x3	4.50x3.50	2.07	5.433	6.929	3.661	4.646	3.386	
125x25	139.7x33.7	300	164	206	105	70	38	
5x1	5.50x1.327	2.07	6.457	8.110	4.144	2.756	1.496	
125x32	139.7x42.4	300	164	206	105	77	46	
5x1 1/4	5.50x1.669	2.07	6.457	8.110	4.144	3.031	1.811	
125x40	139.7x48.3	300	164	206	105	83	51	
5x1 1/2	5.50x1.90	2.07	6.457	8.110	4.144	3.268	2.008	
125x50	139.7x60.3	300	164	206	106	92	61	
5x2	5.50x2.375	2.07	6.457	8.110	4.173	3.622	2.402	
125x65	139.7x76.1	300	164	206	106	112	81	
5x2 1/2	5.50x2.996	2.07	6.457	8.110	4.173	4.409	3.189	
125x80	139.7x88.9	300	164	206	106	118	86	
5x3	5.50x3.50	2.07	6.457	8.110	4.173	4.646	3.386	

Concentric Reducer



Nominal Size mm/in	Pipe O.D mm/in	Working Pressure PSI/Mpa	L mm/in	Nominal Size mm/in	Pipe O.D mm/in	Working Pressure PSI/Mpa	L mm/in
50x25	60.3x33.7	300	60	100x80	108x88.9	300	76
2x1	2.375x1.327	2.07	2.362	4x3	4.252x3.5	2.07	2.99
50x32	60.3x42.4	300	64	100x50	114.3x60.3	300	76
2x1 1/4	2.375x1.669	2.07	2.62	4x2	1.5x2.374	2.07	2.99
50x40	60.3x48.3	300	64	100x65	114.3x76.1	300	76
2x1 1/2	2.375x1.902	2.07	2.62	4x2 1/2	4.5x2.996	2.07	2.99
65x25	73.0x33.7	300	64	100x80	114.3x88.9	300	76
2 1/2x1	2.875x1.327	2.07	2.62	4x3	1.5x3.5	2.07	2.99
65x32	73.0x42.4	300	64	125x25	133x33.7	300	102
2 1/2x1 1/4	2.875x1.669	2.07	2.62	5x1	5.236x1.32	2.07	4.02
65x40	73.0x48.3	300	64	125x50	133x60.3	300	102
2 1/2x1 1/2	2.875x1.902	2.07	2.62	5x2	5.236x2.37	2.07	4.016
65x50	73.0x60.3	300	64	125x65	133x76.1	300	102
2 1/2x2	2.875x2.375	2.07	2.62	5x2 1/2	5.236x2.99	2.07	4.016
65x25	76.1x33.7	300	64	125x80	133x88.9	300	102
2 1/2x1	2.996x1.327	2.07	2.62	5x3	5.236x3.5	2.07	4.016
65x32	76.1x42.4	300	64	125x100	133x108	300	102
2 1/2x1 1/4	2.996x1.669	2.07	2.62	5x4	5.236x4.25	2.07	4.016
65x40	76.1x48.3	300	64	125x100	133x114.3	300	102
2 1/2x1 1/2	2.996x1.902	2.07	2.62	5x4	5.236x4.5	2.07	4.016
65x50	76.1x60.3	300	64	125x50	139.7x60.3	300	102
2 1/2x2	2.996x2.375	2.07	2.62	5x2	5.5x2.374	2.07	4.016
80x25	88.9x33.7	300	64	125x65	139.7x76.1	300	102
3x1	3.5x1.327	2.07	2.62	5x2 1/2	5.5x2.996	2.07	4.016
80x32	88.9x42.4	300	64	125x80	139.7x88.9	300	102
3x1 1/4	3.5x1.669	2.07	2.62	5x3	5.5x3.5	2.07	4.016
80x40	88.9x48.3	300	64	125x100	139.7x88.9	300	102
3x1 1/2	3.5x1.902	2.07	2.62	5x4	5.5x3.5	2.07	4.016
80x50	88.9x60.3	300	64	125x100	139.7x108	300	102
3x2	3.5x2.374	2.07	2.52	5x4	5.5x4.252	2.07	4.016
80x65	88.9x76.1	300	64	125x100	139.7x114.3	300	102
3x2 1/2	3.5x2.996	2.07	2.52	5x4	3	2.07	4.016
100x50	108x60.3	300	76	125x50	141.3x60.3	300	102
4x2	4.252x2.374	2.07	2.99	5x2	5.56x2.374	2.07	4.016
100x65	108x76.1	300	76	125x65	141.3x76.1	300	102
4x2 1/2	4.252x2.996	2.07	2.99	5x2 1/2	5.56x2.996	2.07	4.016

End Cap



Nominal Size mm/in	Pipe O.D mm/in	Working Pressure PSI/Mpa	mm/in
25	33.7	300	24
1	1.327	2.07	0.945
32	42.4	300	24
1 1/4	1.669	2.07	0.945
40	48.3	300	24
1 1/2	1.900	2.07	0.945
50	60.3	300	26
2	2.375	2.07	1.024
65	73.0	300	28
2 1/2	2.875	2.07	1.102
65	76.1	300	28
2 1/2	3	2.07	1.102
80	88.9	300	28
3	3.5	2.07	1.102
100	108	300	28
4	4.252	2.07	1.102
100	114.3	300	28
4	4.5	2.07	1.102
125	133	300	28
5	5.25	2.07	1.102
125	139.7	300	28
5	5.5	2.07	1.102
125	141.3	300	28
5	5.56	2.07	1.102
150	159	300	28
6	6.25	2.07	1.102
150	165.1	300	28
6	6.5	2.07	1.102
150	168.3	300	28
6	6.625	2.07	1.102
200	219.1	300	36
8	8.625	2.07	1.417
250	273	300	36
10	10.75	2.07	1.417

Fire Fighting Accessories



Flanged OS&Y Gate Valve



Grooved OS&Y Gate Valve



Flanged NRS Gate Valve



Flanged OS&Y Gate Valve



Grooved Butterfly Valve



Vertical In-line Fire Pump



Wet Barrel Fire Hydrant



Dry Barrel Fire Hydrant



K5.6 Upright Sprinkler