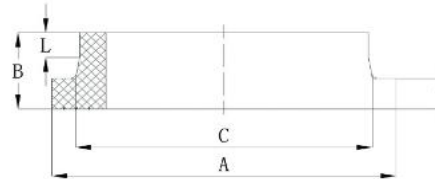


## AUSTRALIAN STUB END

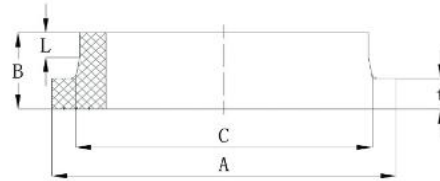
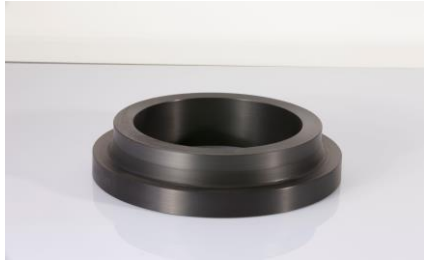


\* SDR9 Flange stubs can be supplied per request.

### Dimension

Code	Product Name	Size	SDR	B	L	t	A	C
A6BFFS90E	Stub End	90	9	60	22	20	128	103
A6BFFS110E	Stub End	110	9	60	22	20	160	124
A6BFFS125E	Stub End	125	9	65	23	25	192	128
A6BFFS160E	Stub End	160	9	65	23	25	217	168
A6BFFS180E	Stub End	180	9	65	23	25	217	180
A6BFFS200E	Stub End	200	9	75	23.5	30	270	225
A6BFFS225E	Stub End	225	9	80	24	30	270	230
A6BFFS250E	Stub End	250	9	80	24.15	35	334	276.43
A6BFFS280E	Stub End	280	9	85	25.33	35	334	290
A6BFFS315E	Stub End	315	9	90	28.84	35	380	331.98
A6BFFS355E	Stub End	355	9	100	30.44	40	444	364.15
A6BFFS400E	Stub End	400	9	100	27.08	40	495	417.37
A6BFFS450E	Stub End	450	9	110	30	45	545	472
A6BFFS500E	Stub End	500	9	125	30	60	596	520
A6BFFS560E	Stub End	560	9	130	30	60	657	582
A6BFFS630E	Stub End	630	9	130	30	60	710	652
A6BFFS90A	Stub End	90	11	60	22	20	128	103
A6BFFS110A	Stub End	110	11	60	22	20	160	124
A6BFFS125A	Stub End	125	11	65	23	25	192	128
A6BFFS160A	Stub End	160	11	65	23	25	217	168
A6BFFS180A	Stub End	180	11	65	23	25	217	180
A6BFFS200A	Stub End	200	11	75	23.5	30	270	225
A6BFFS225A	Stub End	225	11	80	24	30	270	230
A6BFFS250A	Stub End	250	11	80	24.15	35	334	276.43
A6BFFS280A	Stub End	280	11	85	25.33	35	334	290
A6BFFS315A	Stub End	315	11	90	28.84	40	380	330
A6BFFS355A	Stub End	355	11	100	30.44	40	444	364.15
A6BFFS400A	Stub End	400	11	100	27.08	40	495	417.37
A6BFFS450A	Stub End	450	11	110	30	60	545	470
A6BFFS500A	Stub End	500	11	125	30	60	596	520
A6BFFS560A	Stub End	560	11	130	30	60	657	582
A6BFFS630A	Stub End	630	11	130	30	60	710	640
A6BFFS710A	Stub End	710	11	130	30	60	800	735

## AUSTRALIAN STUB END

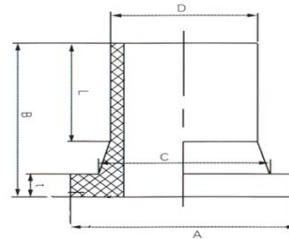


\* SDR9 Flange stubs can be supplied per request.

### Dimension

Code	Product Name	Size	SDR	B	L	t	A	C
A6BFFS90B	Stub End	90	17	60	22	20	128	103
A6BFFS110B	Stub End	110	17	60	22	20	160	124
A6BFFS125B	Stub End	125	17	65	23	25	192	128
A6BFFS160B	Stub End	160	17	65	23	25	217	168
A6BFFS180B	Stub End	180	17	65	23	25	217	180
A6BFFS200B	Stub End	200	17	75	23.5	30	270	225
A6BFFS225B	Stub End	225	17	80	24	30	270	230
A6BFFS250B	Stub End	250	17	80	24.15	32	334	276.43
A6BFFS280B	Stub End	280	17	85	25.33	35	334	290
A6BFFS315B	Stub End	315	17	90	28.84	40	380	330
A6BFFS355B	Stub End	355	17	100	30.44	40	444	364.15
A6BFFS400B	Stub End	400	17	100	27.08	40	495	417.37
A6BFFS450B	Stub End	450	17	110	30	46	545	470
A6BFFS500B	Stub End	500	17	125	30	60	596	520
A6BFFS560B	Stub End	560	17	130	30	60	657	582
A6BFFS630B	Stub End	630	17	130	30	60	710	640
A6BFFS710B	Stub End	710	17	130	30	60	800	735
A6BFFS800B	Stub End	800	17	130	30	60	920	825
A6BFFS900B	Stub End	900	17	130	30	60	1050	940
A6BFFS1000B	Stub End	1000	17	130	30	60	1330	1025

## AUSTRALIAN FLANGE ADAPTOR FOR ELECTROFUSION

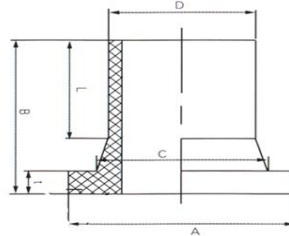


\* SDR9 Flange stubs can be supplied per request.

### Dimension

Code	Product Name	Size	SDR	B(EF)	L(EF)	t	A	C
A6BFFL90A	Flange Adaptor	90	11	121	83	20	128	103
A6BFFL110A	Flange Adaptor	110	11	126	88	20	160	124
A6BFFL125A	Flange Adaptor	125	11	137	95	25	192	128
A6BFFL160A	Flange Adaptor	160	11	147	105	25	217	168
A6BFFL180A	Flange Adaptor	180	11	167	125	25	217	180
A6BFFL200A	Flange Adaptor	200	11	174.5	123	30	270	225
A6BFFL225A	Flange Adaptor	225	11	179	123	30	270	230
A6BFFL250A	Flange Adaptor	250	11	183.85	128	35	334	276.43
A6BFFL280A	Flange Adaptor	280	11	199.67	140	35	334	290
A6BFFL315A	Flange Adaptor	315	11	196.16	135	40	380	330
A6BFFL355A	Flange Adaptor	355	11	214.56	145	40	444	364.15
A6BFFL400A	Flange Adaptor	400	11	242.92	170	40	495	417.37
A6BFFL450A	Flange Adaptor	450	11	280	200	60	545	470
A6BFFL500A	Flange Adaptor	500	11	310	215	60	596	520
A6BFFL560A	Flange Adaptor	560	11	330	230	60	657	582
A6BFFL630A	Flange Adaptor	630	11	350	250	60	710	640
A6BFFL710A	Flange Adaptor	710	11	355	255	60	800	735
A6BFFL90B	Flange Adaptor	90	17	121	83	20	128	103
A6BFFL110B	Flange Adaptor	110	17	126	88	20	160	124
A6BFFL125B	Flange Adaptor	125	17	137	95	25	192	128
A6BFFL160B	Flange Adaptor	160	17	147	105	25	217	168
A6BFFL180B	Flange Adaptor	180	17	167	125	25	217	180
A6BFFL200B	Flange Adaptor	200	17	174.5	123	30	270	225
A6BFFL225B	Flange Adaptor	225	17	179	123	30	270	230
A6BFFL250B	Flange Adaptor	250	17	183.85	128	32	334	276.43
A6BFFL280B	Flange Adaptor	280	17	199.67	140	35	334	290
A6BFFL315B	Flange Adaptor	315	17	196.16	135	40	380	330
A6BFFL355B	Flange Adaptor	355	17	214.56	145	40	444	364.15
A6BFFL400B	Flange Adaptor	400	17	242.92	170	40	495	417.37
A6BFFL450B	Flange Adaptor	450	17	280	200	46	545	470
A6BFFL500B	Flange Adaptor	500	17	310	215	60	596	520
A6BFFL560B	Flange Adaptor	560	17	330	230	60	657	582

## AUSTRALIAN FLANGE ADAPTOR FOR ELECTROFUSION

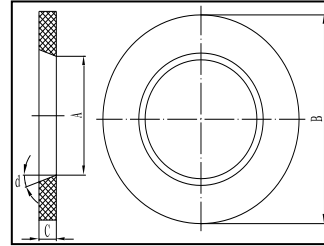


\* SDR9 Flange stubs can be supplied per request.

### Dimension

Code	Product Name	Size	SDR	B(EF)	L(EF)	t	A	C
A6BFFL630B	Flange Adaptor	630	17	350	250	60	710	640
A6BFFL710B	Flange Adaptor	710	17	355	255	60	800	735
A6BFFL800B	Flange Adaptor	800	17	360	260	60	920	825

## AUSTRALIAN VALVE SPACER

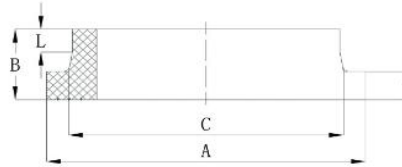


Other Size can be supplied with detailed drawing requ

### Dimension

Code	Product Name	Size	SDR	A	B	C	Degree
1	Valve Spacer	110	11	90	158	14	20
2	Valve Spacer	125	11	102	190	25	25
3	Valve Spacer	140	11	114.6	188	25	20
4	Valve Spacer	160	11	130.8	212	25	25
5	Valve Spacer	200	11	163.6	268	40	30
6	Valve Spacer	225	11	184	268	25	25
7	Valve Spacer	250	11	203	334	50	30
8	Valve Spacer	280	11	228	334	30	30
9	Valve Spacer	315	11	257.8	384	60	30
10	Valve Spacer	355	11	290.6	430	60	30
11	Valve Spacer	400	11	327.4	482	80	30
12	Valve Spacer	450	11	368.2	545	100	25
13	Valve Spacer	500	11	409.2	585	100	25
14	Valve Spacer	630	11	513	708	100	20
15	Valve Spacer	560	11	130	30	60	657
16	Valve Spacer	630	11	130	30	60	710
17	Valve Spacer	125	17	100	192	25	20
18	Valve Spacer	160	17	141	213	25	20
19	Valve Spacer	200	17	176	270	25	30
20	Valve Spacer	250	17	220	334	30	30
21	Valve Spacer	280	17	246	334	30	20
22	Valve Spacer	315	17	277	380	30	30
23	Valve Spacer	355	17	312	444	40	30
24	Valve Spacer	400	17	352	495	40	30
25	Valve Spacer	450	17	396	545	60	30
26	Valve Spacer	500	17	440	602	50	25
27	Valve Spacer	250	26	231	334	30	25
28	Valve Spacer	355	26	328	444	40	25
29	Valve Spacer	450	26	416	545	40	25
30	Valve Spacer	630	26	580	708	55	20

## ISO STUB END

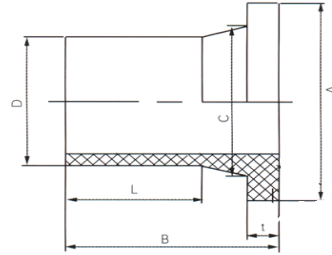


\* SDR9 Flange stubs can be supplied per request.

### Dimension

Code	Product Name	Size	SDR	B	L	t	A	C
BFFS160A	Stub End	160	11	95	43	25	212	175
BFFS180A	Stub End	180	11	84	53	30	212	180
BFFS200A	Stub End	200	11	120	50	32	268	235
BFFS225A	Stub End	225	11	120	53	32	268	238
BFFS250A	Stub End	250	11	120	45	35	320	288
BFFS280A	Stub End	280	11	120	46	35	320	294
BFFS315A	Stub End	315	11	120	47	35	370	338
BFFS355A	Stub End	355	11	120	45	40	430	376
BFFS400A	Stub End	400	11	120	45	46	480	430
BFFS450A	Stub End	450	11	120	50	45	545	470
BFFS500A	Stub End	500	11	120	50	60	585	520
BFFS560A	Stub End	560	11	120	50	60	657	580
BFFS630A	Stub End	630	11	120	45	65	710	645
BFFS160B	Stub End	160	17	95	43	25	596	520
BFFS180B	Stub End	180	17	84	53	30	657	582
BFFS200B	Stub End	200	17	120	57	24	710	652
BFFS225B	Stub End	225	17	120	61	24	128	103
BFFS250B	Stub End	250	17	120	55	25	160	124
BFFS280B	Stub End	280	17	120	56	25	192	128
BFFS315B	Stub End	315	17	120	57	25	217	168
BFFS355B	Stub End	355	17	120	60	30	217	180
BFFS400B	Stub End	400	17	120	52	33	270	225
BFFS450B	Stub End	450	17	120	50	45	270	230
BFFS500B	Stub End	500	17	120	45	46	334	276.4
BFFS560B	Stub End	560	17	120	45	50	334	290
BFFS630B	Stub End	630	17	120	45	50	380	330

## ISO FLANGE ADAPTOR

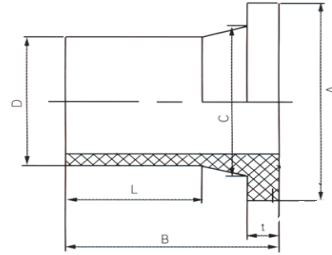


\* SDR9 Flange stubs can be supplied per request.

### Dimension

Code	Product Name	Size	SDR	pcs/box	B	L	t	A	C
BFFL40A	Flange Stub	40	11	70	80	50	7	78	50
BFFL50A	Flange Stub	50	11	65	94	64	7	86	56
BFFL63A	Flange Stub	63	11	60	95	65	14	102	70
BFFL75A	Flange Stub	75	11	50	103	75	12	122	82
BFFL90A	Flange Stub	90	11	36	125	86	17	138	105
BFFL110A	Flange Stub	110	11	18	140	105	18	156	122
BFFL125A	Flange Stub	125	11	15	135	95	17	158	132
BFFL140A	Flange Stub	140	11	12	130	89	20	188	155
BFFL160A	Flange Stub	160	11	10	155	103	30	212	175
BFFL180A	Flange Stub	180	11	10	140	111	25	212	180
BFFL200A	Flange Stub	200	11	4	174	112	27	268	232
BFFL225A	Flange Stub	225	11	4	174	108	31	268	235
BFFL250A	Flange Stub	250	11	4	173	103	34	320	285
BFFL280A	Flange Stub	280	11	4	173	111	38	320	291
BFFL315A	Flange Stub	315	11	2	175	95	43	370	335
BFFL355A	Flange Stub	355	11		175	73	48	430	373
BFFL400A	Flange Stub	400	11		175	86	54	482	427
BFFL450A	Flange Stub	450	11		175	63	61	585	514
BFFL500A	Flange Stub	500	11		176	78	68	585	530
BFFL560A	Flange Stub	560	11		175	60	76	685	615
BFFL630A	Flange Stub	630	11		172	63	86	685	642
BFFL710A	Flange Stub	710	11		175	45	97	800	737
BFFL800A	Flange Stub	800	11		173	32	92	905	840
BFFL63B	Flange Stub	63	17	60	93	75	8	102	75
BFFL75B	Flange Stub	75	17	50	103	73	10	122	89
BFFL90B	Flange Stub	90	17	36	125	82	10	138	105
BFFL110B	Flange Stub	110	17	18	140	100	10	158	125
BFFL125B	Flange Stub	125	17	15	135	101	11	158	132
BFFL140B	Flange Stub	140	17	12	140	94	15	188	155
BFFL160B	Flange Stub	160	17	10	126	79	15	212	175
BFFL180B	Flange Stub	180	17	10	140	124	16	212	180
BFFL200B	Flange Stub	200	17	4	174	123	17	268	232
BFFL225B	Flange Stub	225	17	4	161	104	22	268	235

## ISO FLANGE ADAPTOR



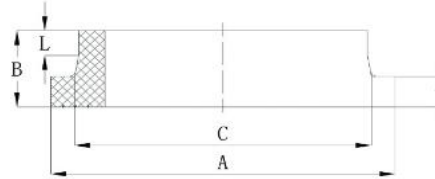
\* SDR9 Flange stubs can be supplied per request.

### Dimension

Code	Product Name	Size	SDR	pcs/box	B	L	t	A	C
BFFL250B	Flange Stub	250	17	4	173	114	23	320	285
BFFL280B	Flange Stub	280	17	4	173	125	24	320	291
BFFL315B	Flange Stub	315	17	2	175	141	35	370	335
BFFL355B	Flange Stub	355	17		175	113	33	430	373
BFFL400B	Flange Stub	400	17		175	155	36	482	427
BFFL450B	Flange Stub	450	17		175	92	40	585	514
BFFL500B	Flange Stub	500	17		176	101	45	585	530
BFFL560B	Flange Stub	560	17		175	95	41	685	615
BFFL630B	Flange Stub	630	17		172	94	55	685	642
BFFL710B	Flange Stub	710	17		175	85	57	800	737
BFFL800B	Flange Stub	800	17		173	62	62	905	840
BFFL900B	Flange Stub	900	17		175	55	82	1005	944
BFFL1000B	Flange Stub	1000	17		170	44	90	1110	1047
BFFL1200B	Flange Stub	1200	17		181	59	92	1330	1224
BFFL1400C	Flange Stub	1400	21		180	50	98	1535	1445



## SOUTH AFRICAN STUB END



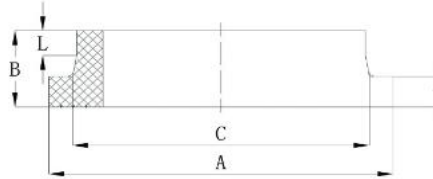
\*Bigger Size can be produced with detailed size requirement.

\*SDR9 Flange stubs can be supplied per request.

### Dimension

Code	Product Name	Size	SDR	B	L	t	A	C
SBFFS32A	Stub End	32	11	40	10	20	65	43
SBFFS40A	Stub End	40	11	50	10	20	73	50
SBFFS50A	Stub End	50	11	50	10	20	83	60
SBFFS63A	Stub End	63	11	50	10	20	98	71
SBFFS75A	Stub End	75	11	50	10	20	110	83
SBFFS90A	Stub End	90	11	50	10	20	129	100
SBFFS110A	Stub End	110	11	65	20	25	158	125
SBFFS125A	Stub End	125	11	70	20	30	160	133
SBFFS140A	Stub End	140	11	70	20	30	188	155
SBFFS160A	Stub End	160	11	70	20	35	217	187
SBFFS180A	Stub End	180	11	70	20	35	217	187
SBFFS200A	Stub End	200	11	80	20	35	270	234
SBFFS225A	Stub End	225	11	80	25	45	270	234
SBFFS250A	Stub End	250	11	80	25	45	310	275
SBFFS280A	Stub End	280	11	90	25	45	325	289
SBFFS315A	Stub End	315	11	100	30	50	375	327
SBFFS355A	Stub End	355	11	100	30	50	430	373
SBFFS400A	Stub End	400	11	110	30	60	486	426
SBFFS450A	Stub End	450	11	110	30	60	540	472
SBFFS500A	Stub End	500	11	120	30	60	585	526
SBFFS560A	Stub End	560	11	120	30	65	645	588
SBFFS630A	Stub End	630	11	120	30	65	725	658
SBFFS32G	Stub End	32	13.6	40	10	20	65	43
SBFFS40G	Stub End	40	13.6	50	10	20	73	50
SBFFS50G	Stub End	50	13.6	50	10	20	83	60
SBFFS63G	Stub End	63	13.6	50	10	20	98	71
SBFFS75G	Stub End	75	13.6	50	10	20	110	83
SBFFS90G	Stub End	90	13.6	50	10	20	129	100
SBFFS110G	Stub End	110	13.6	65	20	25	158	125
SBFFS125G	Stub End	125	13.6	70	20	30	160	133
SBFFS140G	Stub End	140	13.6	70	20	30	188	155
SBFFS160G	Stub End	160	13.6	70	20	35	217	187

## SOUTH AFRICAN STUB END

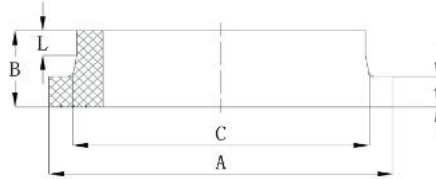


\*Bigger Size can be produced with detailed size requirement.

\*SDR9 Flange stubs can be supplied per request.

Code	Product Name	Size	SDR	Dimension				
				B	L	t	A	C
SBFFS180G	Stub End	180	13.6	70	20	35	217	187
SBFFS200G	Stub End	200	13.6	80	20	35	270	234
SBFFS225G	Stub End	225	13.6	80	25	45	270	234
SBFFS250G	Stub End	250	13.6	80	25	45	310	275
SBFFS280G	Stub End	280	13.6	90	25	45	325	289
SBFFS315G	Stub End	315	13.6	100	30	50	375	327
SBFFS355G	Stub End	355	13.6	100	30	50	430	373
SBFFS400G	Stub End	400	13.6	110	30	60	486	426
SBFFS450G	Stub End	450	13.6	110	30	60	540	472
SBFFS500G	Stub End	500	13.6	120	30	60	585	526
SBFFS560G	Stub End	560	13.6	120	30	65	645	588
SBFFS630G	Stub End	630	13.6	120	30	65	725	658
SBFFS32B	Stub End	32	17	40	10	20	65	43
SBFFS40B	Stub End	40	17	50	10	20	73	50
SBFFS50B	Stub End	50	17	50	10	20	83	60
SBFFS63B	Stub End	63	17	50	10	20	98	71
SBFFS75B	Stub End	75	17	50	10	20	110	83
SBFFS90B	Stub End	90	17	50	10	20	129	100
SBFFS110B	Stub End	110	17	65	20	25	158	125
SBFFS125B	Stub End	125	17	70	20	30	160	133
SBFFS140B	Stub End	140	17	70	20	30	188	155
SBFFS160B	Stub End	160	17	70	20	35	217	187
SBFFS180B	Stub End	180	17	70	20	35	217	187
SBFFS200B	Stub End	200	17	80	20	35	270	234
SBFFS225B	Stub End	225	17	80	25	45	270	234
SBFFS250B	Stub End	250	17	80	25	45	310	275
SBFFS280B	Stub End	280	17	90	25	45	325	289
SBFFS315B	Stub End	315	17	100	30	50	375	327
SBFFS355B	Stub End	355	17	100	30	50	430	373
SBFFS400B	Stub End	400	17	110	30	60	486	426
SBFFS450B	Stub End	450	17	110	30	60	540	472
SBFFS500B	Stub End	500	17	120	30	60	585	526

## SOUTH AFRICAN STUB END

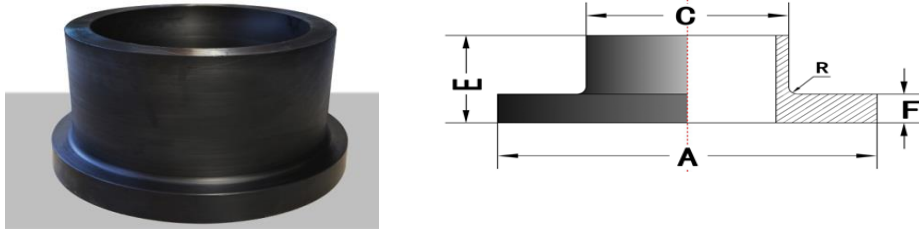


\*Bigger Size can be produced with detailed size requirement.

\*SDR9 Flange stubs can be supplied per request.

Code	Product Name	Size	SDR	Dimension				
				B	L	t	A	C
SBFFS560B	Stub End	560	17	120	30	65	645	588
SBFFS630B	Stub End	630	17	120	30	65	725	658

## ASTM FLANGE ADAPTOR



\*Bigger Size can be produced with detailed size requirement.

\*SDR9 Flange stubs can be supplied per requ **Dimension**

Code	Product Name	Size	SDR	A	C	E	F	R
IBFFL2A	Flange Adaptor	2"	11	3.94	2	6	0.55	0.25
IBFFL3A	Flange Adaptor	3"	11	5	4	6	0.67	0.25
IBFFL4A	Flange Adaptor	4"	11	6	5	6	0.79	0.38
IBFFL6A	Flange Adaptor	6"	11	8.5	7	7.75	1.02	0.38
IBFFL8A	Flange Adaptor	8"	11	10.63	9	10.63	1.02	0.38
IBFFL10A	Flange Adaptor	10"	11	12.75	11	12	1.18	0.38
IBFFL12A	Flange Adaptor	12"	11	15	13	12	1.38	0.38
IBFFL14A	Flange Adaptor	14"	11	17.5	14	12	1.62	0.5
IBFFL16A	Flange Adaptor	16"	11	20	16	12	1.85	0.5
IBFFL18A	Flange Adaptor	18"	11	21.12	18	12	2.08	0.5
IBFFL20A	Flange Adaptor	20"	11	23.5	20	12	2.31	0.5
IBFFL24A	Flange Adaptor	24"	11	28	24	14	2.77	0.5
IBFFL28A	Flange Adaptor	28"	11	32.3	28	14	3.23	0.5
IBFFL30A	Flange Adaptor	30"	11	34.3	30	14	3.46	0.5
IBFFL32A	Flange Adaptor	32"	11	34.3	32	14	3.69	0.5
IBFFL36A	Flange Adaptor	36"	11	40.8	36	14	4.16	0.5
IBFFL2B	Flange Adaptor	2"	17	3.94	2	6	0.55	0.25
IBFFL3B	Flange Adaptor	3"	17	5	4	6	0.67	0.25
IBFFL4B	Flange Adaptor	4"	17	6	5	6	0.79	0.38
IBFFL6B	Flange Adaptor	6"	17	8.5	7	7.75	1.02	0.38
IBFFL8B	Flange Adaptor	8"	17	10.63	9	10.63	1.02	0.38
IBFFL10B	Flange Adaptor	10"	17	12.75	11	12	1.18	0.38
IBFFL12B	Flange Adaptor	12"	17	15	13	12	1.38	0.38
IBFFL14B	Flange Adaptor	14"	17	17.5	14	12	1.62	0.5
IBFFL16B	Flange Adaptor	16"	17	20	16	12	1.85	0.5
IBFFL18B	Flange Adaptor	18"	17	21.12	18	12	2.08	0.5
IBFFL20B	Flange Adaptor	20"	17	23.5	20	12	2.31	0.5
IBFFL24B	Flange Adaptor	24"	17	28	24	14	2.77	0.5
IBFFL28B	Flange Adaptor	28"	17	32.3	28	14	3.23	0.5
IBFFL30B	Flange Adaptor	30"	17	34.3	30	14	3.46	0.5
IBFFL32B	Flange Adaptor	32"	17	34.3	32	14	3.69	0.5

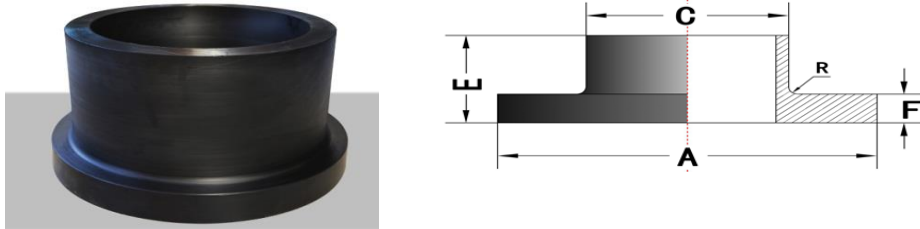


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## ASTM FLANGE ADAPTOR



\*Bigger Size can be produced with detailed size requirement.

\*SDR9 Flange stubs can be supplied per requ **Dimension**

Code	Product Name	Size	SDR	A	C	E	F	R
IBFFL36B	Flange Adaptor	36"	17	40.8	36	14	4.16	0.5

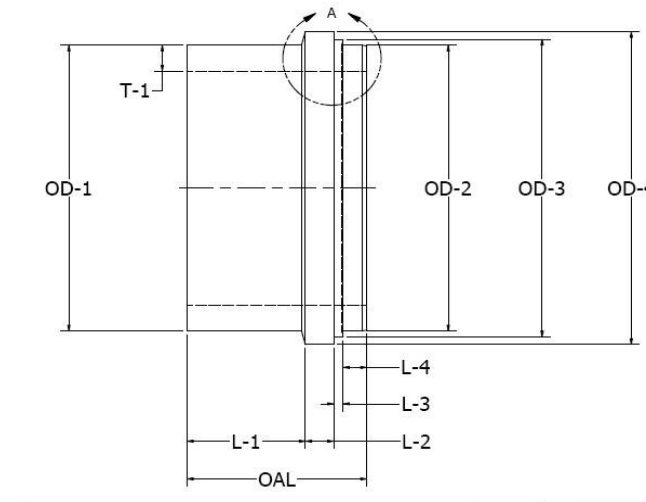


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## ASTM MJ ADAPTOR WITH/WITHOUT STIFFNER



Code	Size	SDR	OD	OD-1	OD-2	OD-3	OD-4	OAL	L-1	L-2	L-3	L-4
IMJ14A	IPS 14"	11	290.95	355.60	388.62	415.93	431.80	330.20	234.90	50.80	0.5	34.00
IMJ16A	IPS 16"	11	332.50	406.40	441.96	472.44	508.00	330.20	234.90	50.80	10.5	34.00
IMJ18A	IPS 18"	11	374.00	457.20	495.30	527.05	558.80	330.20	234.90	50.80	10.5	34.00
IMJ20A	IPS 20"	11	415.60	508.00	548.64	579.12	609.60	386.59	257.00	65.20	10.5	53.98
IMJ24A	IPS 24"	11	498.80	609.60	655.32	685.80	711.20	425.00	281.00	76.20	13.8	53.98

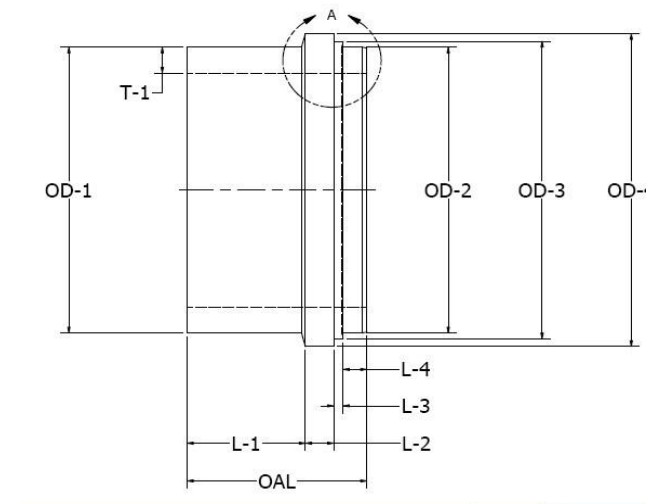


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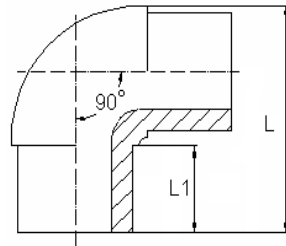
0086-432-66976665 0086-432-66976664

## ASTM MJ ADAPTOR WITH/WITHOUT STIFFNER



Code	Size	SDR	OD	OD-1	OD-2	OD-3	OD-4	OAL	L-1	L-2	L-3	L-4
DMJ14A	DIPS 14"	11	317.96	388.62	388.62	416.56	392.18	355.60	242.06	57.15	12.7	43.69
DMJ16A	DIPS 16"	11	361.60	441.96	441.96	469.90	444.50	355.60	242.06	57.15	12.7	43.69
DMJ18A	DIPS 18"	11	405.25	495.30	495.30	523.24	497.84	386.59	256.41	63.50	12.7	53.98
DMJ20A	DIPS 20"	11	448.89	548.64	548.64	576.58	558.80	386.59	256.41	63.50	12.7	53.98
DMJ24A	DIPS 24"	11	536.17	655.32	655.32	683.26	609.60	386.59	256.41	63.50	12.7	53.98

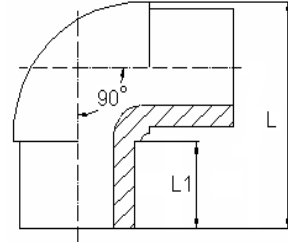
## BUTT FUSION 90° ELBOW



Code	Product Name	Size	SDR	pcs/box	Dimension		Remark
					L1	L	
BFL940A	Butt Fusion Elbow	40×90°	11	100	50	108	
BFL950A	Butt Fusion Elbow	50×90°	11	96	56	125	
BFL963A	Butt Fusion Elbow	63×90°	11	56	64	147	
BFL975A	Butt Fusion Elbow	75×90°	11	33	66	169	
BFL990A	Butt Fusion Elbow	90×90°	11	25	69	178	
BFL9110A	Butt Fusion Elbow	110×90°	11	16	82	201	
BFL9125A	Butt Fusion Elbow	125×90°	11	8	84	226	
BFL9140A	Butt Fusion Elbow	140×90°	11	6	90	267	
BFL9160A	Butt Fusion Elbow	160×90°	11	5	99	272	
BFL9180A	Butt Fusion Elbow	180×90°	11	3	94	290	
BFL9200A	Butt Fusion Elbow	200×90°	11	2	94	310	
BFL9225A	Butt Fusion Elbow	225×90°	11	2	114	364	
BFL9250A	Butt Fusion Elbow	250×90°	11	2	109	342	
BFL9280A	Butt Fusion Elbow	280×90°	11	1	140	450	
BFL9315A	Butt Fusion Elbow	315×90°	11	1	154	498	
BFL9355A	Butt Fusion Elbow	355×90°	11		166	554	
BFL9400A	Butt Fusion Elbow	400×90°	11		182	583	
BFL940B	Butt Fusion Elbow	40×90°	17	100	50	108	
BFL950B	Butt Fusion Elbow	50×90°	17	96	56	125	
BFL963B	Butt Fusion Elbow	63×90°	17	56	64	147	
BFL975B	Butt Fusion Elbow	75×90°	17	33	66	169	
BFL990B	Butt Fusion Elbow	90×90°	17	25	69	178	
BFL9110B	Butt Fusion Elbow	110×90°	17	16	82	201	
BFL9125B	Butt Fusion Elbow	125×90°	17	8	84	226	
BFL9140B	Butt Fusion Elbow	140×90°	17	6	84	267	
BFL9160B	Butt Fusion Elbow	160×90°	17	5	99	272	
BFL9180B	Butt Fusion Elbow	180×90°	17	3	94	290	
BFL9200B	Butt Fusion Elbow	200×90°	17	2	94	310	
BFL9225B	Butt Fusion Elbow	225×90°	17	2	114	364	
BFL9250B	Butt Fusion Elbow	250×90°	17	2	109	342	
BFL9280B	Butt Fusion Elbow	280×90°	17	1	140	450	



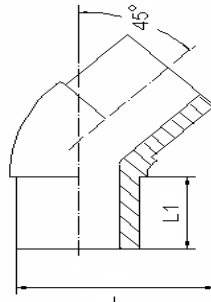
## BUTT FUSION 90° ELBOW



### Dimension

Code	Product Name	Size	SDR	pcs/box	L1	L	Remark
BFL9315B	Butt Fusion Elbow	315x90°	17	1	154	498	
BFL9355B	Butt Fusion Elbow	355x90°	17		166	554	
BFL9400B	Butt Fusion Elbow	400x90°	17		182	583	
BFL9450B	Butt Fusion Elbow	450x90°	17		90	631	
BFL9500B	Butt Fusion Elbow	500x90°	17		108	670	
BFL9630B	Butt Fusion Elbow	630x90°	17		90	828	

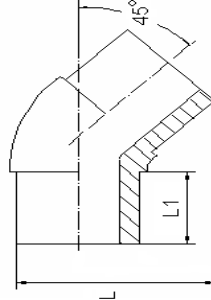
## BUTT FUSION 45 °ELBOW



### Dimension

Code	Product Name	Size	SDR	pcs/box	L1	L	Remark
BFL440A	Butt Fusion Elbow	40x45°	11	120	49	99	
BFL450A	Butt Fusion Elbow	50x45°	11	110	54	104	
BFL463A	Butt Fusion Elbow	63x45°	11	65	61	122	
BFL475A	Butt Fusion Elbow	75x45°	11	40	69	142	
BFL490A	Butt Fusion Elbow	90x45°	11	22	76	167	
BFL4110A	Butt Fusion Elbow	110x45°	11	13	82	183	
BFL4125A	Butt Fusion Elbow	125x45°	11	10	85	200	
BFL4140A	Butt Fusion Elbow	140x45°	11	6	96	230	
BFL4160A	Butt Fusion Elbow	160x45°	11	5	99	240	
BFL4180A	Butt Fusion Elbow	180x45°	11	4	110	315	
BFL4200A	Butt Fusion Elbow	200x45°	11	3	119	359	
BFL4225A	Butt Fusion Elbow	225x45°	11	2	124	399	
BFL4250A	Butt Fusion Elbow	250x45°	11	2	132	350	
BFL4280A	Butt Fusion Elbow	280x45°	11	1	140	404	
BFL4315A	Butt Fusion Elbow	315x45°	11	1	143	434	
BFL4355A	Butt Fusion Elbow	355x45°	11	1	145	486	
BFL940B	Butt Fusion Elbow	40x90°	17	100	50	108	
BFL440B	Butt Fusion Elbow	40x45°	17	120	49	99	
BFL450B	Butt Fusion Elbow	50x45°	17	110	54	104	
BFL463B	Butt Fusion Elbow	63x45°	17	65	61	122	
BFL475B	Butt Fusion Elbow	75x45°	17	40	69	142	
BFL490B	Butt Fusion Elbow	90x45°	17	22	76	167	
BFL4110B	Butt Fusion Elbow	110x45°	17	13	82	183	
BFL4125B	Butt Fusion Elbow	125x45°	17	10	85	200	
BFL4140B	Butt Fusion Elbow	140x45°	17	6	96	230	
BFL4160B	Butt Fusion Elbow	160x45°	17	5	99	240	
BFL4180B	Butt Fusion Elbow	180x45°	17	4	110	315	
BFL4200B	Butt Fusion Elbow	200x45°	17	3	119	359	
BFL4225B	Butt Fusion Elbow	225x45°	17	2	124	399	
BFL4250B	Butt Fusion Elbow	250x45°	17	2	132	350	
BFL4280B	Butt Fusion Elbow	280x45°	17	2	140	404	

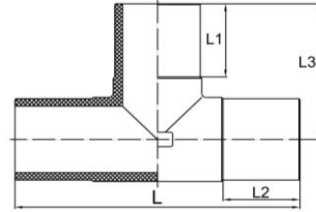
## BUTT FUSION 45 °ELBOW



### Dimension

Code	Product Name	Size	SDR	pcs/box	L1	L	Remark
BFL4315B	Butt Fusion Elbow	315×45°	17	1	143	434	
BFL4355B	Butt Fusion Elbow	355×45°	17	1	145	486	
BFL4400B	Butt Fusion Elbow	400×45°	17		99	465	

## BUTT FUSION EQUAL TEE



Dimension

Code	Product Name	Size	SDR	pcs/box	L1	L2	L3	L	Remark
BFT40A	Butt Fusion Tee	40-40-40	11	100	49	49	87	168	
BFT50A	Butt Fusion Tee	50-50-50	11	50	54	55	99	200	
BFT63A	Butt Fusion Tee	63-63-63	11	25	64	64	114	221	
BFT75A	Butt Fusion Tee	75-75-75	11	25	78	72	112	222	
BFT90A	Butt Fusion Tee	90-90-90	11	16	71	70	135	262	
BFT110A	Butt Fusion Tee	110-110-110	11	12	79	81	149	290	
BFT125A	Butt Fusion Tee	125-125-125	11	6	84	84	160	325	
BFT140A	Butt Fusion Tee	140-140-140	11	5	90	90	180	335	
BFT160A	Butt Fusion Tee	160-160-160	11	3	99	87	191	350	
BFT180A	Butt Fusion Tee	180-180-180	11	3	95	100	200	400	
BFT200A	Butt Fusion Tee	200-200-200	11	2	95	116	216	449	
BFT225A	Butt Fusion Tee	225-225-225	11	2	126	126	259	507	
BFT250A	Butt Fusion Tee	250-250-250	11	1	107	108	249	477	
BFT280A	Butt Fusion Tee	280-280-280	11	1	110	110	259	490	
BFT315A	Butt Fusion Tee	315-315-315	11	1	98	78	272	497	
BFT355A	Butt Fusion Tee	355-355-355	11		174	174	374	403	
BFT400A	Butt Fusion Tee	400-400-400	11		36	34	344	595	
BFT63B	Butt Fusion Tee	63-63-63	17	25	64	64	114	221	
BFT75B	Butt Fusion Tee	75-75-75	17	25	78	72	112	222	
BFT90B	Butt Fusion Tee	90-90-90	17	16	71	70	135	262	
BFT110B	Butt Fusion Tee	110-110-110	17	12	79	81	149	290	
BFT125B	Butt Fusion Tee	125-125-125	17	10	84	84	160	325	
BFT140B	Butt Fusion Tee	140-140-140	17	5	90	90	180	335	
BFT160B	Butt Fusion Tee	160-160-160	17	3	99	87	191	350	
BFT180B	Butt Fusion Tee	180-180-180	17	3	95	100	200	400	
BFT200B	Butt Fusion Tee	200-200-200	17	2	95	116	216	449	
BFT225B	Butt Fusion Tee	225-225-225	17	2	126	126	259	507	
BFT250B	Butt Fusion Tee	250-250-250	17	1	107	108	249	477	
BFT280B	Butt Fusion Tee	280-280-280	17	1	140	140	309	617	
BFT315B	Butt Fusion Tee	315-315-315	17	1	98	78	272	497	
BFT355B	Butt Fusion Tee	355-355-355	17		174	174	374	403	
BFT400B	Butt Fusion Tee	400-400-400	17		36	34	344	595	
BFT450B	Butt Fusion Tee	450-450-450	17		102	106	370	751	

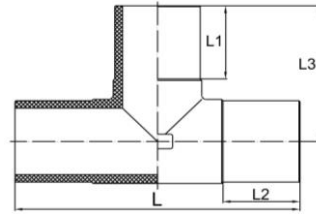


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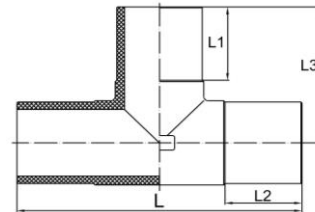
## BUTT FUSION EQUAL TEE



Dimension

Code	Product Name	Size	SDR	pcs/box	L1	L2	L3	L	Remark
BFT500B	Butt Fusion Tee	500-500-500	17	17	110	99	400	800	
BFT560B	Butt Fusion Tee	560-560-560	17	17	110	99	480	900	
BFT630B	Butt Fusion Tee	630-630-630	17	17	100	100	500	916	

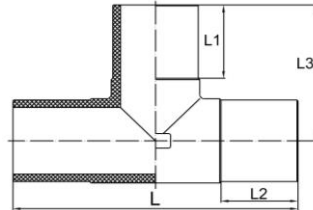
## BUTT FUSION REDUCING TEE



Dimension

Code	Product Name	Size	SDR	pcs/box	L1	L2	L3	L	Remark
BFT5040A	Butt Fusion Tee	50-40-50	11	60	51	55	84	176	
BFT6332A	Butt Fusion Tee	63-32-63	11	50	54	54	92	177	
BFT6340A	Butt Fusion Tee	63-40-63	11	50	52	56	89	180	
BFT6350A	Butt Fusion Tee	63-50-63	11	40	63	63	115	220	
BFT7540A	Butt Fusion Tee	75-40-75	11	25	67	70	107	213	
BFT7550A	Butt Fusion Tee	75-50-75	11	25	78	72	112	222	
BFT7563A	Butt Fusion Tee	75-63-75	11	25	74	69	109	220	
BFT9040A	Butt Fusion Tee	90-40-90	11	20	59	70	118	227	
BFT9050A	Butt Fusion Tee	90-50-90	11	20	65	71	121	229	
BFT9063A	Butt Fusion Tee	90-63-90	11	20	69	72	121	230	
BFT9075A	Butt Fusion Tee	90-75-90	11	20	71	80	139	286	
BFT11040A	Butt Fusion Tee	110-40-110	11	12	59	77	132	243	
BFT11050A	Butt Fusion Tee	110-50-110	11	12	64	79	135	245	
BFT11063A	Butt Fusion Tee	110-63-110	11	12	70	79	132	243	
BFT11075A	Butt Fusion Tee	110-75-110	11	12	77	80	154	290	
BFT11090A	Butt Fusion Tee	110-90-110	11	12	77	80	154	290	
BFT12590A	Butt Fusion Tee	125-90-125	11	12	60	80	155	250	
BFT125110A	Butt Fusion Tee	125-110-125	11	12	60	80	155	250	
BFT140110A	Butt Fusion Tee	140-110-140	11	10	60	80	160	260	
BFT16063A	Butt Fusion Tee	160-63-160	11	5	57	84	157	271	
BFT16075A	Butt Fusion Tee	160-75-160	11	4	57	84	157	271	
BFT16090A	Butt Fusion Tee	160-90-160	11	4	83	87	179	329	
BFT160110A	Butt Fusion Tee	160-110-160	11	4	82	87	178	328	
BFT160125A	Butt Fusion Tee	160-125-160	11	3	82	87	178	328	
BFT180110A	Butt Fusion Tee	180-110-180	11	3	84	87	185	388	
BFT180160A	Butt Fusion Tee	180-160-180	11	3	84	87	185	388	
BFT20063A	Butt Fusion Tee	200-63-200	11	3	84	102	209	436	
BFT20090A	Butt Fusion Tee	200-90-200	11	3	80	100	202	330	
BFT200110A	Butt Fusion Tee	200-110-200	11	3	80	95	201	330	
BFT200160A	Butt Fusion Tee	200-160-200	11	2	97	119	226	413	
BFT22590A	Butt Fusion Tee	225-90-225	11	2	100	121	241	458	

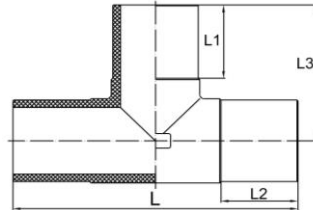
## BUTT FUSION REDUCING TEE



Dimension

Code	Product Name	Size	SDR	pcs/box	L1	L2	L3	L	Remark
BFT225110A	Butt Fusion Tee	225-110-225	11	2	100	121	241	458	
BFT225160A	Butt Fusion Tee	225-160-225	11	2	100	121	241	458	
BFT25090A	Butt Fusion Tee	250-90-250	11	2	82	120	225	386	
BFT250110A	Butt Fusion Tee	250-110-250	11	2	82	120	225	386	
BFT250160A	Butt Fusion Tee	250-160-250	11	1	100	120	243	436	
BFT6332B	Butt Fusion Tee	63-32-63	17	50	54	54	92	177	
BFT6340B	Butt Fusion Tee	63-40-63	17	50	52	56	89	180	
BFT6350B	Butt Fusion Tee	63-50-63	17	40	63	63	115	220	
BFT7540B	Butt Fusion Tee	75-40-75	17	25	74	72	112	222	
BFT7550B	Butt Fusion Tee	75-50-75	17	25	78	72	112	222	
BFT7563B	Butt Fusion Tee	75-63-75	17	25	74	69	109	220	
BFT9040B	Butt Fusion Tee	90-40-90	17	20	62	70	121	229	
BFT9050B	Butt Fusion Tee	90-50-90	17	20	65	71	121	229	
BFT9063B	Butt Fusion Tee	90-63-90	17	20	69	72	121	230	
BFT9075B	Butt Fusion Tee	90-75-90	17	20	71	80	139	286	
BFT11040B	Butt Fusion Tee	110-40-110	17	12	59	77	132	243	
BFT11050B	Butt Fusion Tee	110-50-110	17	12	64	79	135	245	
BFT11063B	Butt Fusion Tee	110-63-110	17	12	70	79	132	243	
BFT11075B	Butt Fusion Tee	110-75-110	17	12	77	80	154	290	
BFT11090B	Butt Fusion Tee	110-90-110	17	12	77	80	154	290	
BFT12590B	Butt Fusion Tee	125-90-125	17	12	60	80	155	250	
BFT125110B	Butt Fusion Tee	125-110-125	17	12	60	80	155	250	
BFT140110B	Butt Fusion Tee	140-110-140	17	10	60	80	160	260	
BFT16063B	Butt Fusion Tee	160-63-160	17	5	57	84	157	271	
BFT16075B	Butt Fusion Tee	160-75-160	17	4	57	84	157	271	
BFT16090B	Butt Fusion Tee	160-90-160	17	4	83	87	179	329	
BFT160110B	Butt Fusion Tee	160-110-160	17	4	82	87	178	328	
BFT160125B	Butt Fusion Tee	160-125-160	17	3	82	87	178	328	
BFT180110B	Butt Fusion Tee	180-110-182	17	3	84	87	185	388	
BFT180160B	Butt Fusion Tee	180-160-180	17	3	84	87	185	388	
BFT20063B	Butt Fusion Tee	200-63-200	17	3	84	102	209	436	

## BUTT FUSION REDUCING TEE

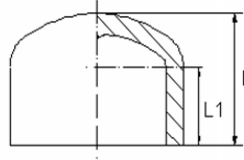


### Dimension

Code	Product Name	Size	SDR	pcs/box	L1	L2	L3	L	Remark
BFT20090B	Butt Fusion Tee	200-90-200	17	3	80	100	202	330	
BFT200110B	Butt Fusion Tee	200-110-200	17	3	80	95	201	330	
BFT200160B	Butt Fusion Tee	200-160-200	17	2	97	119	226	413	
BFT225110B	Butt Fusion Tee	225-110-225	17	2	100	121	241	458	
BFT225160B	Butt Fusion Tee	225-160-225	17	2	100	121	241	458	
BFT25090B	Butt Fusion Tee	250-90-250	17	2	82	120	225	386	
BFT250110B	Butt Fusion Tee	250-110-250	17	2	79	106	233	345	
BFT250160B	Butt Fusion Tee	250-160-250	17	2	98	108	243	393	
BFT31590B	Butt Fusion Tee	315-90-315	17		104	154	274	576	
BFT315110B	Butt Fusion Tee	315-110-315	17		104	154	274	576	
BFT315160B	Butt Fusion Tee	315-160-315	17		104	154	274	576	
BFT315200B	Butt Fusion Tee	315-200-315	17		112	148	283	550	
BFT315250B	Butt Fusion Tee	315-250-315	17		98	149	270	567	
BFT355200B	Butt Fusion Tee	355-200-355	17		100	150	280	600	
BFT355250B	Butt Fusion Tee	355-250-355	17		166	165	367	625	
BFT400200B	Butt Fusion Tee	400-200-400	17		140	173	374	590	
BFT400250B	Butt Fusion Tee	400-250-400	17		137	153	361	560	
BFT400315B	Butt Fusion Tee	400-315-400	17		34	143	368	595	
BFT450315B	Butt Fusion Tee	450-315-450	17		100	100	400	736	
BFT500315B	Butt Fusion Tee	500-315-500	17		110	123	400	800	
BFT500400B	Butt Fusion Tee	500-400-500	17		117	119	400	795	
BFT630450B	Butt Fusion Tee	630-450-630	17		100	100	420	916	
BFT630500B	Butt Fusion Tee	630-500-630	17		100	100	420	916	

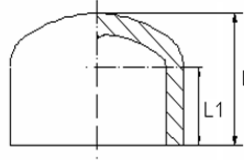


## BUTT FUSION CAP



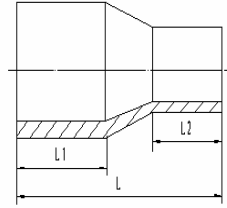
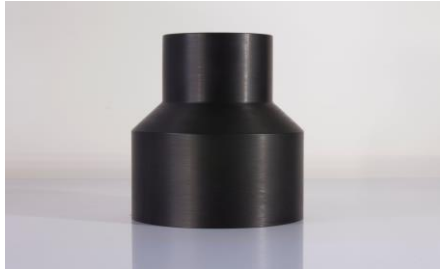
Code	Product Name	Size	SDR	pcs/box	L1	L	Remark
BFD20A	Butt Fusion Cap	20	11	1000	28	35	
BFD25A	Butt Fusion Cap	25	11	900	30	38	
BFD32A	Butt Fusion Cap	32	11	720	39	47	
BFD40A	Butt Fusion Cap	40	11	360	45	54	
BFD50A	Butt Fusion Cap	50	11	170	54	63	
BFD63A	Butt Fusion Cap	63	11	100	54	67	
BFD75A	Butt Fusion Cap	75	11	160	54	72	
BFD90A	Butt Fusion Cap	90	11	80	70	87	
BFD110A	Butt Fusion Cap	110	11	44	78	99	
BFD125A	Butt Fusion Cap	125	11	33	84	114	
BFD140A	Butt Fusion Cap	140	11	20	94	126	
BFD160A	Butt Fusion Cap	160	11	15	94	125	
BFD180A	Butt Fusion Cap	180	11	12	107	146	
BFD200A	Butt Fusion Cap	200	11	10	97	129	
BFD225A	Butt Fusion Cap	225	11	6	106	142	
BFD250A	Butt Fusion Cap	250	11	5	102	132	
BFD280A	Butt Fusion Cap	280	11	4	103	138	
BFD315A	Butt Fusion Cap	315	11	4	105	142	
BFD355A	Butt Fusion Cap	355	11	2	102	145	
BFD400A	Butt Fusion Cap	400	11		28	160	
BFD450A	Butt Fusion Cap	450	11		31	160	
BFD500A	Butt Fusion Cap	500	11		35	160	
BFD560A	Butt Fusion Cap	560	11		39	160	
BFD630A	Butt Fusion Cap	630	11		47	160	
BFD710A	Butt Fusion Cap	710	11		39	145	
BFD800A	Butt Fusion Cap	800	11		47	180	
BFD63B	Butt Fusion Cap	63	17	100	59	200	Same As SDR11
BFD75B	Butt Fusion Cap	75	17	160	54	72	Same As SDR11
BFD90B	Butt Fusion Cap	90	17	80	70	87	Same As SDR11
BFD110B	Butt Fusion Cap	110	17	44	78	99	
BFD125B	Butt Fusion Cap	125	17	33	84	114	
BFD140B	Butt Fusion Cap	140	17	20	94	126	
BFD160B	Butt Fusion Cap	160	17	15	94	125	

## BUTT FUSION CAP



Code	Product Name	Size	SDR	pcs/box	L1	L	Remark
BFD180B	Butt Fusion Cap	180	17	12	107	146	
BFD200B	Butt Fusion Cap	200	17	10	97	129	
BFD225B	Butt Fusion Cap	225	17	6	106	142	
BFD250B	Butt Fusion Cap	250	17	5	102	132	
BFD280B	Butt Fusion Cap	280	17	4	114	154	
BFD315B	Butt Fusion Cap	315	17	4	102	145	
BFD355B	Butt Fusion Cap	355	17	2	151	218	
BFD400B	Butt Fusion Cap	400	17		174	246	
BFD450B	Butt Fusion Cap	450	17		28	160	
BFD500B	Butt Fusion Cap	500	17		31	160	
BFD560B	Butt Fusion Cap	560	17		35	160	
BFD630B	Butt Fusion Cap	630	17		39	160	
BFD800B	Butt Fusion Cap	800	17		47	200	
BFD1000B	Butt Fusion Cap	1000	17		59	200	

## BUTT FUSION REDUCER

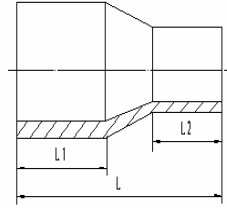
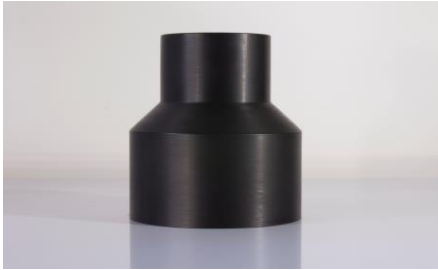


# Fabricated

Dimension

Code	Product Name	Size	SDR	pcs/box	L1	L2	L	Remark
BFR2520A	Butt Fusion Reducer	25-20	11	200	36	32	70	
BFR3225A	Butt Fusion Reducer	32-25	11	150	38	38	80	
BFR4032A	Butt Fusion Reducer	40-32	11	200	44	40	86	
BFR5040A	Butt Fusion Reducer	50-40	11	180	50	46	102	
BFR6332A	Butt Fusion Reducer	63-32	11	150	61	43	130	
BFR6340A	Butt Fusion Reducer	63-40	11	150	60	44	123	
BFR6350A	Butt Fusion Reducer	63-50	11	130	49	51	109	
BFR7550A	Butt Fusion Reducer	75-50	11	100	49	51	109	
BFR7563A	Butt Fusion Reducer	75-63	11	100	80	55	184	
BFR9050A	Butt Fusion Reducer	90-50	11	64	81	57	184	
BFR9063A	Butt Fusion Reducer	90-63	11	64	64	46	136	
BFR9075A	Butt Fusion Reducer	90-75	11	50	67	59	136	
BFR11050A	Butt Fusion Reducer	110-50	11	36				#
BFR11063A	Butt Fusion Reducer	110-63	11	36	74	49	174	
BFR11075A	Butt Fusion Reducer	110-75	11	30	75	65	156	
BFR11090A	Butt Fusion Reducer	110-90	11	25	76	66	156	
BFR12563A	Butt Fusion Reducer	125-63	11	20				#
BFR12575A	Butt Fusion Reducer	125-75	11	20				#
BFR12590A	Butt Fusion Reducer	125-90	11	20				#
BFR125110A	Butt Fusion Reducer	125-110	11	20	92	82	213	
BFR16063A	Butt Fusion Reducer	160-63	11	15	102	61	210	
BFR16090A	Butt Fusion Reducer	160-90	11	15	107	71	210	
BFR160110A	Butt Fusion Reducer	160-110	11	15	98	77	203	
BFR160125A	Butt Fusion Reducer	160-125	11	10				
BFR160140A	Butt Fusion Reducer	160-140	11	10				
BFR18090A	Butt Fusion Reducer	180-90	11	10				#
BFR180110A	Butt Fusion Reducer	180-110	11	10				#
BFR180125A	Butt Fusion Reducer	180-125	11	10				#
BFR180140A	Butt Fusion Reducer	180-140	11	10				
BFR180160A	Butt Fusion Reducer	180-160	11	10				
BFR200110A	Butt Fusion Reducer	200-110	11	6	117	114	284	
BFR200125A	Butt Fusion Reducer	200-125	11	6				
BFR200160A	Butt Fusion Reducer	200-160	11	4	125	96	291	
BFR200180A	Butt Fusion Reducer	200-180	11	4				

## BUTT FUSION REDUCER

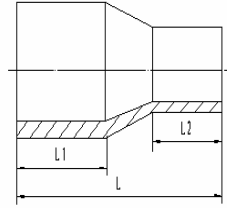
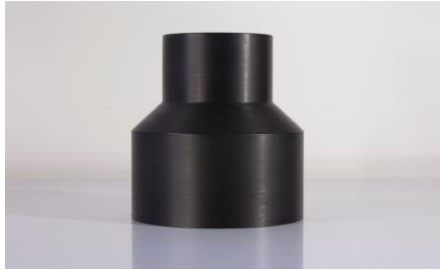


# Fabricated

Dimension

Code	Product Name	Size	SDR	pcs/box	L1	L2	L	Remark
BFR225110A	Butt Fusion Reducer	225-110	11	4				
BFR225160A	Butt Fusion Reducer	225-160	11	4				
BFR225180A	Butt Fusion Reducer	225-180	11	4				
BFR225200A	Butt Fusion Reducer	225-200	11	4				
BFR250160A	Butt Fusion Reducer	250-160	11	4	134	101	286	
BFR250180A	Butt Fusion Reducer	250-180	11	4				
BFR250200A	Butt Fusion Reducer	250-200	11	4	138	115	287	
BFR250225A	Butt Fusion Reducer	250-225	11	4				
BFR280200A	Butt Fusion Reducer	280-200	11	2				#
BFR280225A	Butt Fusion Reducer	280-225	11	2				#
BFR280250A	Butt Fusion Reducer	280-250	11	2				#
BFR315200A	Butt Fusion Reducer	315-200	11					#
BFR315225A	Butt Fusion Reducer	315-225	11					#
BFR315250A	Butt Fusion Reducer	315-250	11					#
BFR315280A	Butt Fusion Reducer	315-280	11					#
BFR7550B	Butt Fusion Reducer	75-50	17					SDR11
BFR7563B	Butt Fusion Reducer	75-63	17		80	55	184	SDR11
BFR9050B	Butt Fusion Reducer	90-50	17		81	57	184	SDR11
BFR9063B	Butt Fusion Reducer	90-63	17		64	46	136	SDR11
BFR9075B	Butt Fusion Reducer	90-75	17		67	59	136	SDR11
BFR11050B	Butt Fusion Reducer	110-50	17	100				SDR11
BFR11063B	Butt Fusion Reducer	110-63	17	100	74	49	174	SDR11
BFR11075B	Butt Fusion Reducer	110-75	17	64	75	65	156	SDR11
BFR11090B	Butt Fusion Reducer	110-90	17	64	76	66	156	SDR11
BFR12563B	Butt Fusion Reducer	125-63	17	50				#
BFR12575B	Butt Fusion Reducer	125-75	17	36				#
BFR12590B	Butt Fusion Reducer	125-90	17	36				#
BFR125110B	Butt Fusion Reducer	125-110	17	30	92	82	213	
BFR16063B	Butt Fusion Reducer	160-63	17	15	102	61	210	
BFR16090B	Butt Fusion Reducer	160-90	17	15	107	71	210	
BFR160110B	Butt Fusion Reducer	160-110	17	15	98	77	203	
BFR160125B	Butt Fusion Reducer	160-125	17	10				
BFR160140B	Butt Fusion Reducer	160-140	17	10				
BFR18090B	Butt Fusion Reducer	180-90	17	10				#

## BUTT FUSION REDUCER

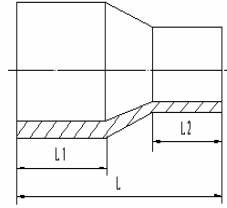
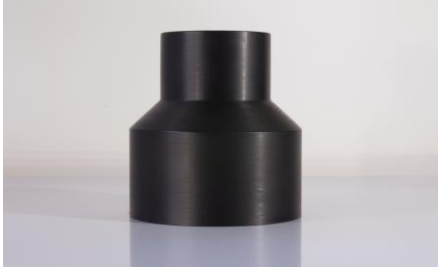


# Fabricated

Dimension

Code	Product Name	Size	SDR	pcs/box	L1	L2	L	Remark
BFR180110B	Butt Fusion Reducer	180-110	17	10				#
BFR180125B	Butt Fusion Reducer	180-125	17	10				#
BFR180140B	Butt Fusion Reducer	180-140	17	10				
BFR180160B	Butt Fusion Reducer	180-160	17	10				
BFR200110B	Butt Fusion Reducer	200-110	17	6	117	114	284	
BFR200140B	Butt Fusion Reducer	200-125	17	6				
BFR200160B	Butt Fusion Reducer	200-160	17	4	125	96	291	
BFR200180B	Butt Fusion Reducer	200-180	17	4				
BFR225110B	Butt Fusion Reducer	225-110	17	4				
BFR225160B	Butt Fusion Reducer	225-160	17	4	121	107	270	
BFR225180B	Butt Fusion Reducer	225-180	17	4				
BFR225200B	Butt Fusion Reducer	225-200	17	4	120	108	270	
BFR250160B	Butt Fusion Reducer	250-160	17	4	134	101	286	
BFR250180B	Butt Fusion Reducer	250-180	17	4				
BFR250200B	Butt Fusion Reducer	250-200	17	4	138	115	287	
BFR250225B	Butt Fusion Reducer	250-225	17	4				#
BFR280200B	Butt Fusion Reducer	280-200	17	2				#
BFR280225B	Butt Fusion Reducer	280-225	17	2				#
BFR280250B	Butt Fusion Reducer	280-250	17	2				#
BFR315200B	Butt Fusion Reducer	315-200	17		146	109	321	
BFR315225B	Butt Fusion Reducer	315-225	17					#
BFR315250B	Butt Fusion Reducer	315-250	17		54	125	310	
BFR315280B	Butt Fusion Reducer	315-280	17					#
BFR355250B	Butt Fusion Reducer	355-250	17					#
BFR355280B	Butt Fusion Reducer	355-280	17					#
BFR355315B	Butt Fusion Reducer	355-315	17		71	147	243	
BFR400200B	Butt Fusion Reducer	400-200	17		57	127	256	
BFR400250B	Butt Fusion Reducer	400-250	17		57	127	256	
BFR400280B	Butt Fusion Reducer	400-280	17					#
BFR400315B	Butt Fusion Reducer	400-315	17		68	69	174	
BFRS450400B	Butt Fusion Reducer	450-400	17		35	35	105	Short
BFRS500400B	Butt Fusion Reducer	500-400	17		20	43	185	Short
BFRS500450B	Butt Fusion Reducer	500-450	17		35	35	105	Short

## BUTT FUSION REDUCER

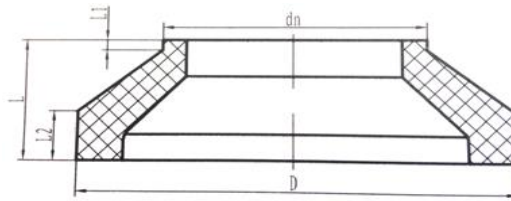


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Dimension

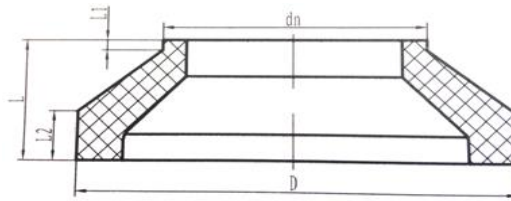
Code	Product Name	Size	SDR	pcs/box	L1	L2	L	Remark
BFRS560400B	Butt Fusion Reducer	560-400	17		28	45	190	Short
BFRS560450B	Butt Fusion Reducer	560-450	17		35	35	175	Short
BFRS560500B	Butt Fusion Reducer	560-500	17		35	35	105	Short
BFRS630400B	Butt Fusion Reducer	630-400	17		35	35	315	Short
BFRS630450B	Butt Fusion Reducer	630-450	17		30	25	240	Short
BFRS630500B	Butt Fusion Reducer	630-500	17		35	35	105	Short
BFRS630560B	Butt Fusion Reducer	630-560	17		35	35	105	Short
BFRS710630B	Butt Fusion Reducer	710-630	17		52	46	131	Short
BFRS800630B	Butt Fusion Reducer	800-630	17		47	49	221	Short
BFRS800710B	Butt Fusion Reducer	800-710	17		40	54	125	Short
BFRS900800B	Butt Fusion Reducer	900-800	17		47	65	139	Short
BFRS1000800E	Butt Fusion Reducer	1000-800	17		50	55	215	Short
BFRS1000900E	Butt Fusion Reducer	1000-900	17		40	55	137	Short

## SHORT BUTT FUSION REDUCER



Code	Product Name	Size	SDR	L	L1	L2	Remark
BFSR355315A	Short Injected Reducer	355-315	11	50	10	36	
BFSR355280A	Short Injected Reducer	355-280	11	70	10	36	
BFSR355250A	Short Injected Reducer	355-250	11	84	10	36	
BFSR355225A	Short Injected Reducer	355-225	11	95	10	36	
BFSR355200A	Short Injected Reducer	355-200	11	105	10	36	
BFSR355180A	Short Injected Reducer	355-180	11	115	10	36	
BFSR355160A	Short Injected Reducer	355-160	11	120	10	36	
BFSR400355A	Short Injected Reducer	400-355	11	70	10	50	
BFSR400315A	Short Injected Reducer	400-315	11	90	10	50	
BFSR400280A	Short Injected Reducer	400-280	11	105	10	50	
BFSR400250A	Short Injected Reducer	400-250	11	120	10	50	
BFSR400225A	Short Injected Reducer	400-225	11	130	10	50	
BFSR400200A	Short Injected Reducer	400-200	11	140	10	50	
BFSR400180A	Short Injected Reducer	400-180	11	150	10	50	
BFSR400160A	Short Injected Reducer	400-160	11	160	10	50	
BFSR450400A	Short Injected Reducer	450-400	11	70	10	50	
BFSR450355A	Short Injected Reducer	450-355	11	90	10	50	
BFSR450315A	Short Injected Reducer	450-315	11	100	10	50	
BFSR450280A	Short Injected Reducer	450-280	11	120	10	50	
BFSR450250A	Short Injected Reducer	450-250	11	130	10	50	
BFSR450225A	Short Injected Reducer	450-225	11	140	10	50	
BFSR450200A	Short Injected Reducer	450-200	11	150	10	50	
BFSR450180A	Short Injected Reducer	450-180	11	160	10	50	
BFSR500450A	Short Injected Reducer	500-450	11	65	10	48	
BFSR500400A	Short Injected Reducer	500-400	11	82	10	48	
BFSR500355A	Short Injected Reducer	500-355	11	95	10	48	

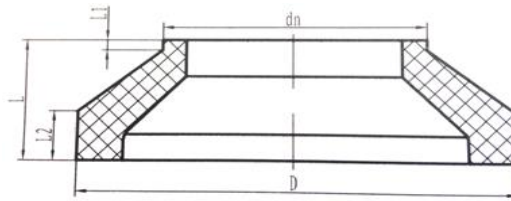
## SHORT BUTT FUSION REDUCER



Code	Product Name	Size	SDR	L	L1	L2	Remark
BFSR500315A	Short Injected Reducer	500-315	11	110	10	48	
BFSR500280A	Short Injected Reducer	500-280	11	120	10	48	
BFSR500250A	Short Injected Reducer	500-250	11	130	10	48	
BFSR500225A	Short Injected Reducer	500-225	11	140	10	48	
BFSR500200A	Short Injected Reducer	500-200	11	160	10	48	
BFSR560500A	Short Injected Reducer	560-500	11	80	10	60	
BFSR560450A	Short Injected Reducer	560-450	11	100	18	60	
BFSR560400A	Short Injected Reducer	560-400	11	115	20	60	
BFSR560355A	Short Injected Reducer	560-355	11	130	20	60	
BFSR560315A	Short Injected Reducer	560-315	11	145	20	60	
BFSR560280A	Short Injected Reducer	560-280	11	160	15	60	
BFSR630560A	Short Injected Reducer	630-560	11	80	10	60	
BFSR630500A	Short Injected Reducer	630-500	11	100	10	60	
BFSR630450A	Short Injected Reducer	630-450	11	115	10	60	
BFSR630400A	Short Injected Reducer	630-400	11	125	20	60	
BFSR630355A	Short Injected Reducer	630-355	11	140	20	60	
BFSR630315A	Short Injected Reducer	630-315	11	150	20	60	
BFSR630280A	Short Injected Reducer	630-280	11	160	15	60	
BFSR710630A	Short Injected Reducer	710-630	11	85	10	65	
BFSR710560A	Short Injected Reducer	710-560	11	100	10	65	
BFSR710500A	Short Injected Reducer	710-500	11	110	10	65	
BFSR710450A	Short Injected Reducer	710-450	11	120	10	65	
BFSR710400A	Short Injected Reducer	710-400	11	130	10	65	
BFSR710355A	Short Injected Reducer	710-355	11	145	10	65	
BFSR800710A	Short Injected Reducer	800-710	11	96	10	75	
BFSR800630A	Short Injected Reducer	800-630	11	115	10	75	



## SHORT BUTT FUSION REDUCER



Code	Product Name	Size	SDR	L	L1	L2	Remark
BFSR800560A	Short Injected Reducer	800-560	11	130	10	75	
BFSR800500A	Short Injected Reducer	800-500	11	145	10	75	
BFSR800450A	Short Injected Reducer	800-450	11	155	10	75	
BFSR800400A	Short Injected Reducer	800-400	11	165	10	75	
BFSR800355A	Short Injected Reducer	800-355	11	180	10	75	