

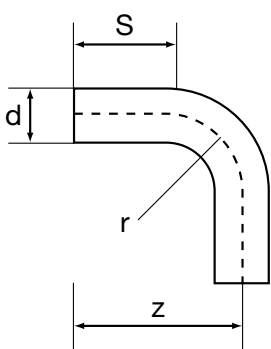
Buttweld Fittings



Buttweld Fittings

for Butt or Electrofusion Welding

ELONGATED SHORT RADIUS BENDS 90°

	PE100		SDR11		PN16		
	d (mm)	Code	S (mm)	Z (mm)	R (mm)	GAS Rating (bar)	Weight (kg)
	32	MB903211	44	78	32	10	0.04
	40	MB904011	49	91	40	10	0.67
	50	MB905011	55	107	50	10	0.12
	63	MB906311	63	128	63	10	0.23
	75	MB907511	70	148	75	10	0.37
	90	MB909011	71	164	90	10	0.57
	110	MB9011011	75	188	110	10	1.00
	125	MB9012511	85	213	125	10	1.43
	140	MB9014011	90	234	140	10	1.95
	160	MB9016011	90	254	160	10	2.76
	180	MB9018011	100	284	180	10	3.91
	200	MB9020011	108	312	200	10	5.29
	225	MB9022511	115	344	225	10	7.38

*Please check availability before ordering.

*Also available in SDR17 on request.

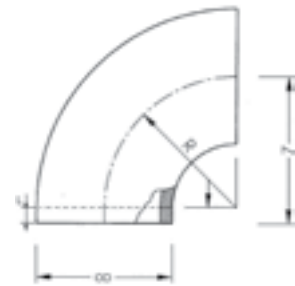


Buttweld Fittings

for Buttwelding

SHORT RADIUS BENDS 90°

	PE100	SDR11	PN16		
Size OD (mm)	Code	Spigot Length L (mm)	Radius R (mm)	Centre to Face Z (mm)	Weight (kg)
32	B903211	4	30	34	0.02
40	B904011	5	38	43	0.04
50	B905011	5	48	53	0.07
63	B906311	5	61	66	0.13
75	B907511	6	72	78	0.21
90	B909011	6	87	93	0.33
110	B9011011	8	145	153	0.61
125	B9012511	8	122	130	0.90
140	B9014011	8	137	145	1.24
160	B9016011	8	157	165	1.88
180	B9018011	8	176	184	2.58
200	B9020011	8	196	204	3.57
225	B9022511	10	221	231	5.01
250	B9025011	10	246	256	6.96
280	B9028011	10	276	286	9.28
315	B9031511	10	312	322	13.22
355	B9035511	15	365	380	20.74
400	B9040011	25	410	435	30.45

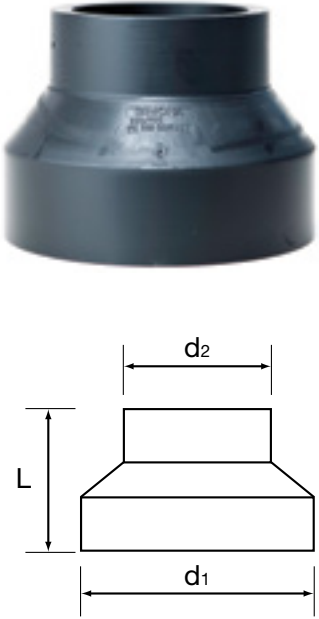


	PE100	SDR17	PN10		
Size OD (mm)	Code	Spigot Length L (mm)	Radius R (mm)	Centre to Face Z (mm)	Weight (kg)
90	B909017	6	87	93	0.22
110	B9011017	8	107	115	0.40
125	B9012517	8	122	130	0.59
140	B9014017	8	137	145	0.81
160	B9016017	8	157	165	1.22
180	B9018017	8	176	184	1.73
200	B9020017	8	196	204	2.40
225	B9022517	10	221	231	3.40
250	B9025017	10	246	256	4.60
280	B9028017	10	276	286	6.20
315	B9031517	10	312	322	8.90
355	B9035517	15	365	380	13.00
400	B9040017	25	410	435	19.70

Buttweld Fittings

for Butt Welding

BUTTWELD REDUCERS


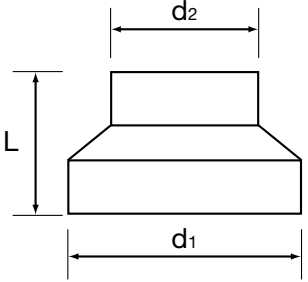
	PE100		SDR11		PN16	
	Size D1 (mm)	Size D2 (mm)	Code	L (mm)	Weight (kg)	
	63	50	R635011	60	0.06	
	90	50	R905011	74	0.15	
	90	63	R906311	74	0.13	
	90	75	R907511	74	0.15	
	110	50	R1105011	90	0.25	
	110	63	R1106311	105	0.29	
	110	90	R1109011	100	0.30	
	125	90	R1259011	110	0.39	
	125	110	R12511011	102	0.40	
	140	110	R14011011	110	0.48	
	140	125	R14012511	110	0.54	
	160	90	R1609011	140	0.75	
	160	110	R16011011	128	0.73	
	160	125	R16012511	122	0.74	
	160	140	R16014011	120	0.77	
	180	110	R18011011	130	0.88	
	180	125	R18012511	140	0.90	
	180	160	R18016011	130	1.06	
	200	110	R20011011	118	1.38	
	200	160	R20016011	145	1.35	
	200	180	R20018011	135	1.44	
	225	160	R22516011	160	1.76	
	225	180	R22518011	160	2.96	
	225	200	R22520011	160	2.02	
	250	160	R25016011	170	2.25	
	250	200	R25020011	180	2.65	
	250	225	R25022511	180	2.89	
	280	200	R28020011	200	3.54	
	280	225	R28022511	200	3.66	
	280	250	R28025011	200	3.88	
	315	200	R31520011	225	4.74	
315	225	R31522511	230	4.98		
315	250	R31525011	225	5.26		
315	280	R31528011	225	5.50		
355	250	R35525011	120	4.50		
355	280	R35528011	120	4.20		
355	315	R35531511	120	4.10		
400	250	R40025011	125	6.20		
400	280	R40028011	125	6.00		
400	315	R40031511	125	5.90		
400	355	R40035511	125	4.90		
450	315	R45031511	125	9.70		
450	355	R45035511	125	9.40		
450	400	R45040011	125	6.20		
500	400	R50040011	125	10.00		
500	450	R50045011	125	9.00		
560	450	R56045011	125	12.90		
560	500	R56050011	125	11.40		
630	450	R63045011	125	20.20		
630	500	R63050011	125	17.80		
630	560	R63056011	125	14.80		

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Buttweld Fittings

for Buttwelding

BUTTWELD REDUCERS

	PE100	SDR17	PN10		
Size D1 (mm)	Size D2 (mm)	Code	L (mm)	Weight (kg)	
110	63	R1106317	105	0.20	 
110	90	R1109017	100	0.22	
125	90	R1259017	110	0.28	
125	110	R12511017	102	0.28	
140	110	R14011017	110	0.30	
140	125	R14012517	110	0.36	
160	90	R1609017	140	0.53	
160	110	R16011017	128	0.52	
160	125	R16012517	122	0.50	
160	140	R16014017	120	0.52	
180	160	R18016017	130	0.70	
200	160	R20016017	145	0.89	
200	180	R20018017	135	0.98	
225	160	R22516017	160	1.21	
225	180	R22518017	160	1.28	
225	200	R22520017	160	1.32	
250	160	R25016017	170	1.00	
250	200	R25020017	180	1.82	
250	225	R25022517	180	2.03	
280	200	R28020017	200	2.44	
280	225	R28022517	200	2.56	
280	250	R28025017	200	2.64	
315	200	R31520017	225	3.36	
315	225	R31522517	230	3.50	
315	250	R31525017	225	3.58	
315	280	R31528017	225	3.65	
355	250	R35525017	120	3.80	
355	280	R35528017	120	3.20	
355	315	R35531517	120	3.00	
400	250	R40025017	125	4.60	
400	280	R40028017	125	6.90	
400	315	R40031517	125	4.20	
400	355	R40035517	125	4.00	
450	315	R45031517	125	7.50	
450	355	R45035517	125	5.50	
450	400	R45040017	125	5.00	
500	400	R50040017	125	6.00	
500	450	R50045017	125	5.80	
560	450	R56045017	125	8.60	
560	500	R56050017	125	7.60	
630	450	R63045017	125	13.70	
630	500	R63050017	125	12.00	
630	560	R63056017	125	9.80	

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Buttweld Fittings

for Butt Welding

BUTTWELD STUB FLANGE ADAPTORS

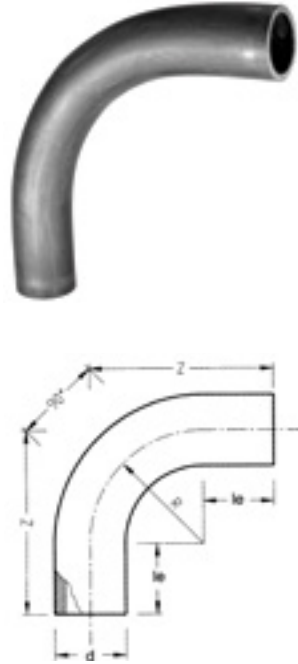
	PE100		SDR11		PN16	
	Size OD (mm)	Code	D (mm)	A (mm)	B (mm)	Weight (kg)
	50	SF5011	84	12	50	0.08
	63	SF6311	100	14	50	0.14
	75	SF7511	108	16	50	0.22
	90	SF9011	128	17	80	0.33
	110	SF11011	160	18	80	0.48
	125	SF12511	158	25	80	0.50
	140	SF14011	187	25	80	0.76
	160	SF16011	212	27	80	0.98
	180	SF18011	213	32	80	0.73
	200	SF20011	270	33	65	1.34
	225	SF22511	270	35	65	1.25
	250	SF25011	334	35	80	2.55
	280	SF28011	334	35	80	2.40
	315	SF31511	380	35	90	3.52
	355	SF35511	444	40	100	5.35
	400	SF40011	495	45	110	7.82
	450	SF45011	545	45	110	9.52
	500	SF50011	596	60	125	13.42
	560	SF56011	657	60	125	14.71
	630	SF63011	710	60	125	18.92

	PE100		SDR17		PN10	
	Size OD (mm)	Code	D (mm)	A (mm)	B (mm)	Weight (kg)
90	SF9017	128	17	80	0.28	
110	SF11017	160	18	80	0.38	
125	SF12517	158	25	80	0.38	
140	SF14017	187	25	80	0.53	
160	SF16017	212	25	80	0.71	
180	SF18017	213	25	80	0.57	
200	SF20017	270	25	65	1.13	
225	SF22517	270	25	65	0.99	
250	SF25017	334	32	80	2.14	
280	SF28017	334	32	80	1.89	
315	SF31517	380	30	90	2.79	
355	SF35517	444	35	100	4.32	
400	SF40017	495	45	110	6.40	
450	SF45017	545	45	110	7.60	
500	SF50017	596	60	125	10.70	
560	SF56017	657	60	125	12.80	
630	SF63017	710	60	125	14.80	

Buttweld Fittings

for Butt or Electrofusion Welding

SWEEP BENDS 90°

Size OD (mm)	PE100		SDR11		PN16	
	Code	Spigot Length l_e (mm)	Radius R (mm)	Centre to Face Z (mm)	Weight (kg)	
32	SB903211	128	128	200	0.11	
40	SB904011	50	120	170	0.12	
50	SB905011	701	150	220	0.28	
63	SB906311	80	189	269	0.48	
75	SB907511	90	225	315	0.77	
90	SB909011	100	270	370	1.31	
110	SB9011011	110	330	370	2.30	
125	SB9012511	125	375	440	3.40	
140	SB9014011	150	470	500	5.24	
160	SB9016011	160	480	620	7.12	
180	SB9018011	200	590	640	11.12	
200	SB9020011	200	600	790	13.87	
225	SB9022511	225	675	800	19.74	
250	SB9025011	250	750	900	26.99	
280	SB9028011	280	840	1000	37.89	
315	SB9031511	300	945	1120	53.20	
355	SB9035511	300	1065	1245	73.63	
400	SB9040011	491	1420	1521	132.11	
450	SB9045011	732	1450	1837	194.88	
500	SB9050011	931	1650	2101	286.22	
560	SB9056011	860	1682	2120	351.17	
630	SB9063011	699	1715	2164	417.41	

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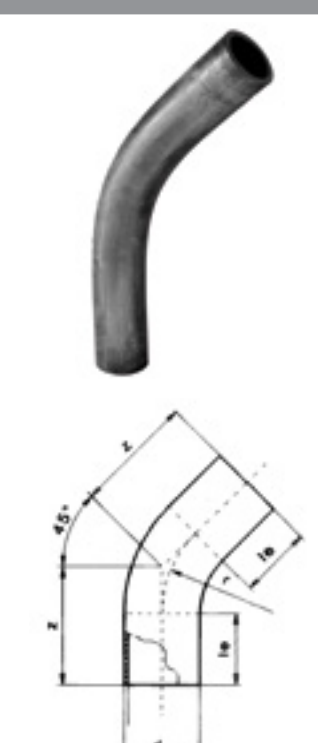
Size OD (mm)	PE100		SDR17		PN10	
	Code	Spigot Length l_e (mm)	Radius R (mm)	Centre to Face Z (mm)	Weight (kg)	
90	SB909017	100	270	370	0.90	
110	SB9011017	110	330	440	1.58	
125	SB9012517	125	375	500	2.30	
140	SB9014017	150	470	620	3.57	
160	SB9016017	160	480	640	4.81	
180	SB9018017	200	590	790	9.21	
200	SB9020017	200	600	800	9.40	
225	SB9022517	225	675	900	13.41	
250	SB9025017	250	750	1000	18.26	
280	SB9028017	280	840	1120	25.69	
315	SB9031517	300	945	1245	36.08	
355	SB9035517	300	1065	1365	50.08	
400	SB9040017	491	1420	1521	89.44	
450	SB9045017	732	1450	1837	131.98	
500	SB9050017	931	1650	2101	193.53	
560	SB9056017	860	1682	2120	238.19	
630	SB9063017	699	1715	2164	282.33	

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Buttweld Fittings

for Butt or Electrofusion Welding

SWEEP BENDS 45°

	PE100		SDR11		PN16	
	Size OD (mm)	Code	Spigot Length l_e (mm)	Radius R (mm)	Centre to Face Z (mm)	Weight (kg)
	40	SB454011	50	120	100	0.08
	50	SB455011	70	150	132	0.17
	63	SB456311	80	189	158	0.32
	75	SB457511	90	225	183	0.52
	90	SB459011	100	270	212	0.87
	110	SB4511011	110	330	247	1.50
	125	SB4512511	125	375	280	2.21
	140	SB4514011	150	470	345	3.38
	160	SB4516011	160	480	359	4.62
	180	SB4518011	200	590	444	7.24
	200	SB4520011	200	600	449	9.00
	225	SB4522511	225	675	505	12.81
	250	SB4525011	250	750	561	17.51
	280	SB4528011	280	840	628	24.59
	315	SB4531511	300	945	691	34.26
	355	SB4535511	300	1065	741	46.53
	400	SB4540011	695	1030	1123	90.43
	450	SB4545011	1066	1105	1524	156.24
	500	SB4550011	1040	1170	1526	192.72
	560	SB4556011	1255	1260	1778	281.73
630	SB4563011	1175	1465	1782	357.08	

* Please check availability before ordering.


	PE100		SDR17		PN10	
	Size OD (mm)	Code	Spigot Length l_e (mm)	Radius R (mm)	Centre to Face Z (mm)	Weight (kg)
90	SB459017	100	270	212	0.59	
110	SB4511017	110	330	247	1.03	
125	SB4512517	125	375	280	1.49	
140	SB4514017	150	470	345	2.30	
160	SB4516017	160	480	359	3.12	
180	SB4518017	200	590	444	5.99	
200	SB4520017	200	600	449	6.10	
225	SB4522517	225	675	505	8.70	
250	SB4525017	250	750	561	11.85	
280	SB4528017	280	840	628	16.67	
315	SB4531517	300	945	691	23.24	
355	SB4535517	300	1065	741	31.65	
400	SB4540017	695	1030	1123	61.22	
450	SB4545017	1066	1105	1524	105.81	
500	SB4550017	1040	1170	1526	130.31	
560	SB4556017	1255	1260	1778	191.09	
630	SB4563017	1175	1465	1782	241.52	

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Buttweld Fittings

for Buttwelding

BUTTWELD END CAPS

PE100	SDR11	PN16	
Size		Code	
160		EC16011	
180		EC18011	
200		EC20011	
225		EC22511	
250		EC25011	
280		EC28011	
315		EC31511	
355		EC35511	
400		EC40011	

BUTTWELD PONTOON CAPS

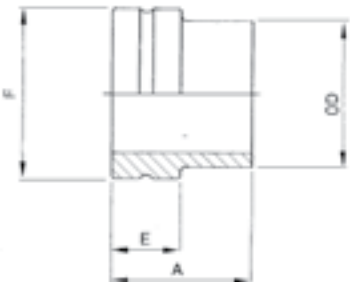
PE100	SDR41	PN4	
Size		Code	
160		PC160	
200		PC200	
225		PC225	
250		PC250	
280		PC280	
315		PC315	
355		PC355	



Buttweld Fittings

for Butt Welding

BUTTWELD SHOULDERED ENDS

	PE100			SDR11	PN16		Weight (kg)
	Size OD (mm)	Code	To Suit	F (mm)	E (mm)	A (mm)	
	50	SE5011	50	67	41	60	0.13
	63	SE6311	50	67	41	80	0.22
	75	SE7511	80	97	43	75	0.36
	90	SE9011	80	97	43	75	0.39
	110	SE11011	100	122	43	75	0.61
	125	SE12511	150	178	48	75	1.40
	160	SE16011	150	178	47	75	1.23
	200	SE20011	200	232	55	75	1.91
	225	SE22511	200	232	55	75	1.84
	250	SE25011	250	286	55	75	2.89
	280	SE28011	250	337	55	75	4.04
	315	SE31511	300	337	55	75	3.90
	355	SE35511	350	369	55	80	4.50

Size OD (mm)	PE100			SDR17	PN10		Weight (kg)
	Code	To Suit	F (mm)	E (mm)	A (mm)		
90	SE9017	80	97	43	75	0.28	
110	SE11017	100	122	43	75	0.61	
125	SE12517	150	178	48	75	1.28	
160	SE16017	150	178	47	75	1.05	
200	SE20017	200	232	55	75	1.10	
225	SE22517	200	232	55	75	1.05	
250	SE25017	250	286	55	75	1.50	
280	SE28017	250	337	55	75	2.10	
315	SE31517	300	337	55	75	3.29	
355	SE35517	350	369	55	80	4.50	



Buttweld Fittings

for Buttwelding

BOLTED COUPLINGS FOR SHOULDERED ENDS TO GALVANISED SHOULDERED COUPLINGS

NOM Bore (mm)	Size OD (mm)	Code	A (mm)	B (mm)	C (mm)	Work Press Mpa	Bolt Size x Length (mm)	Qty Bolt Holes	Max Tightening Torque NM	Weight (kg)	
50	60.3	SC63	143	104	46	5.2	M12 x 65	2	30	1.4	
80	88.9	SC90	180	132	46	5.2	M12 x 75	2	30	1.8	
100	114.3	SC110	205	165	52	5.2	M12 x 90	2	30	2.4	
150	165.1	SC160	275	215	53	4.0	M16 x 120	2	73	4.0	
200	219.1	SC200	345	280	62	4.0	M20 x 150	2	143	7.2	
250	273.1	SC250	420	335	65	1.8	M20 x 150	2	143	9.5	
300	323.9	SC315	470	383	67	1.8	M20 x 150	2	143	11.5	
350	355.6	SC355	530	422	76	1.6	M24 x 150	2	248	15.0	

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