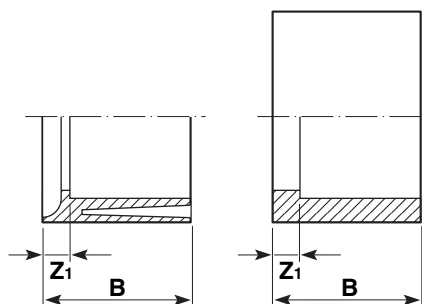


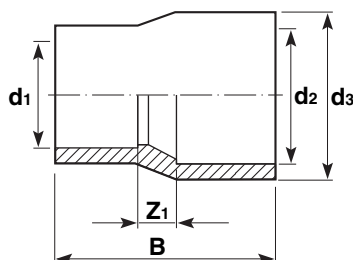
Reducing bushes Plain



Size	PN	B	Z ₁	gms	Code
20 x 16	10	17	3	2	11 109 412
25 x 20	10	19	3	4	11 109 415
32 x 16	10	23	9	5	11 109 417
32 x 25	10	23	8	6	11 109 419
40 x 32	10	28	6	13	11 109 423
50 x 20*	10	33	17	32	11 109 424
50 x 25*	10	33	13	29	11 109 425
50 x 32*	10	32	11	19	11 109 426
50 x 40	10	32	5	25	11 109 427
63 x 25*	10	39	20	60	11 109 429
63 x 32*	10	39	16	36	11 109 430
63 x 50	10	39	7	47	11 109 432
75 x 63	10	46	7	65	11 109 438
90 x 50*	10	54	23	200	11 109 442
90 x 63*	10	54	15	224	11 109 443
90 x 75	10	55	9	110	11 109 444
110 x 63*	10	64	25	252	11 109 449
110 x 90	10	64	10	200	11 109 451
125 x 110	10	72	9	220	11 109 459
140 x 125	10	79	8	260	11 109 467
160 x 90	10	89	35	320	11 109 473
160 x 110*	10	89	27	405	11 109 474
160 x 140	10	89	10	460	11 109 476
200 x 160	10	110	21	109	11 109 487
225 x 160*	10	122	33	1600	11 109 495
225 x 200*	10	122	13	1250	11 109 496
250 x 225*	10	132	12	2230	11 109 499
315 x 250*	8	165	33	5080	11 109 503

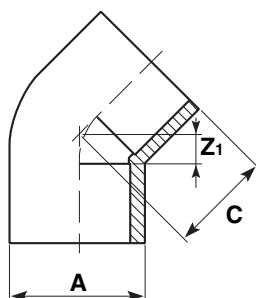
*Configuration shown in inset.

Reducing sockets Plain



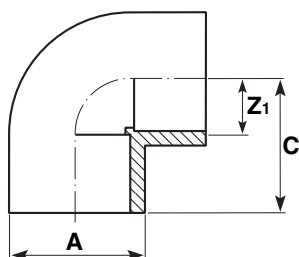
PN	d ₃	d ₂	d ₁	B	Z ₁	gms	Code
10	25	20	16	37	6	6	11 114 412
10	32	25	20	42	6	12	11 114 415
10	40	32	25	50	8	22	11 114 419
10	50	40	32	60	11	39	11 114 423
10	63	50	40	71	11	80	11 114 427
10	75	63	50	85	14	108	11 114 432
10	90	75	63	98	13	190	11 114 438
10	110	90	75	115	16	350	11 114 444
10	125	110	90	140	21	480	11 114 451
10	140	125	110	156	20	690	11 114 459
10	160	140	125	170	20	1000	11 114 467
10	200	160	140	193	23	2180	11 114 476
10	225	200	160	237	41	2530	11 114 487

Elbows 45° Plain



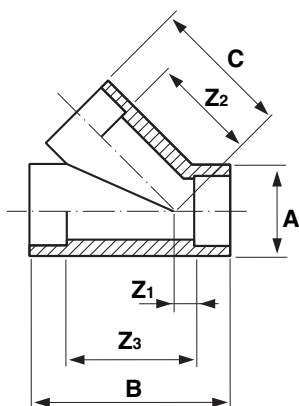
Size	PN	A	C	Z ₁	gms	Code
16	10	21	20	5	5	11 119 305
20	10	25	22	5	7	11 119 306
25	10	31	26	7	14	11 119 307
32	10	40	31	8	27	11 119 308
40	10	50	37	10	54	11 119 309
50	10	62	45	13	100	11 119 310
63	10	82	54	16	180	11 119 311
75	10	90	63	17	300	11 119 312
90	10	112	70	18	550	11 119 313
110	10	137	90	27	950	11 119 314
125	10	155	103	31	1350	11 119 315
140	10	173	115	37	1980	11 119 316
160	10	190	125	35	2920	11 119 317
200	10	230	152	44	3460	11 119 318
225	10	260	174	51	4920	11 119 319
250	10	286	189	58	5900	11 119 320
315	8	359	230	66	11880	11 119 323

Elbows 90° Plain



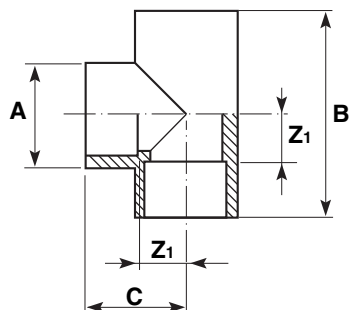
Size	PN	A	C	Z ₁	gms	Code
16	10	20	24	10	6	11 115 305
20	10	25	28	11	10	11 115 306
25	10	31	34	15	17	11 115 307
32	10	40	41	18	35	11 115 308
40	10	50	47	20	68	11 115 309
50	10	62	59	26	129	11 115 310
63	10	78	71	31	230	11 115 311
75	10	90	83	38	385	11 115 312
90	10	112	100	49	690	11 115 313
110	10	136	125	63	1220	11 115 314
125	10	155	140	63	1720	11 115 315
140	10	173	153	76	2390	11 115 316
160	10	190	172	79	3600	11 115 317
200	10	235	207	110	4300	11 115 318
225	10	261	240	119	6550	11 115 319
250	10	286	319	188	9560	11 115 320
315	8	359	400	236	17910	11 115 323

Tees 45° Plain



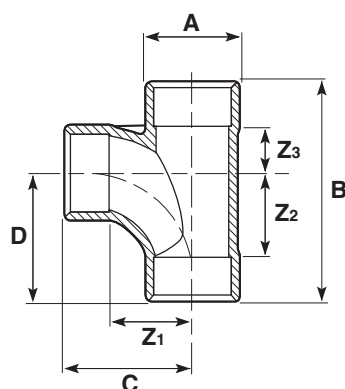
Size	PN	A	B	C	Z ₁	Z ₂	Z ₃	gms	Code
20	10	28	68	43	6	26	34	30	11 418 306
25	10	33	81	52	7	29	55	45	11 418 307
32	10	41	98	65	9	42	52	80	11 418 308
40	10	50	117	77	11	51	65	135	11 418 309
50	10	60	140	95	12	63	78	195	11 418 310
63	10	74	169	114	13	76	93	410	11 418 311

Tees 90° Equal



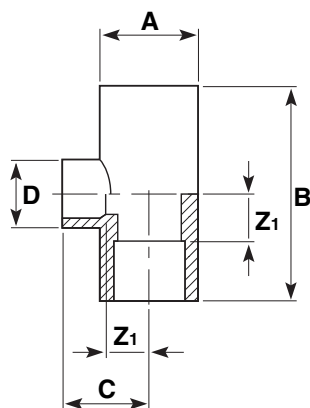
Size	PN	A	B	C	Z ₁	gms	Code
16	10	21	47	25	10	7	11 122 305
20	10	25	57	30	12	12	11 122 306
25	10	31	67	34	15	24	11 122 307
32	10	40	81	43	18	48	11 122 308
40	10	50	99	50	23	87	11 122 309
50	10	62	119	62	28	160	11 122 310
63	10	78	146	70	34	300	11 122 311
75	10	90	172	87	36	510	11 122 312
90	10	112	205	104	46	900	11 122 313
110	10	132	248	128	60	1650	11 122 314
125	10	154	276	143	67	2300	11 122 315
140	10	172	307	153	72	3200	11 122 316
160	10	191	343	172	86	4800	11 122 317
200	10	237	413	206	101	5800	11 122 318
225	10	262	482	240	120	7700	11 122 319
250	10	286	518	259	128	10160	11 122 320
315	8	360	652	326	162	19390	11 122 323

Tees 90° Swept plain



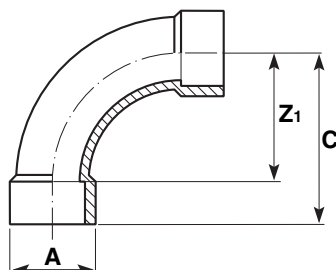
Size	PN	A	B	C	D	Z ₁	Z ₂	Z ₃	gms	Code
32	10	41	115	79	79	57	57	14	90	11 148 308
50	10	62	160	105	105	74	74	24	259	11 148 310
63	10	78	195	125	125	87	87	32	480	11 148 311
75	10	92	210	125	125	81	81	41	601	11 148 312
110	10	139	315	190	190	127	127	62	2235	11 148 314

Tees 90° Reducing plain



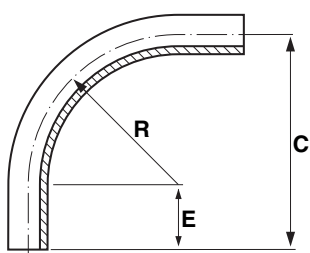
Size	PN	A	B	C	D	Z ₁	gms	Code
25 x 20	10	31	67	31	25	14	22	11 124 415
32 x 20	10	40	81	35	25	18	40	11 124 418
32 x 25	10	40	81	37	31	18	41	11 124 419
40 x 20	10	50	98	39	25	22	72	11 124 421
40 x 25	10	50	98	41	31	22	72	11 124 422
50 x 20	10	62	119	44	29	27	104	11 124 424
50 x 25	10	62	119	46	31	27	140	11 124 425
50 x 32	10	62	119	50	40	27	140	11 124 426
63 x 25	10	78	146	53	31	34	250	11 124 429
63 x 32	10	78	146	57	40	34	250	11 124 430
75 x 32	10	91	168	62	41	40	391	11 124 435
75 x 40	10	91	168	66	50	40	398	11 124 436
75 x 50	10	91	168	71	61	40	406	11 124 437
75 x 63	10	91	168	78	76	40	428	11 124 438
90 x 40	10	109	198	74	50	48	642	11 124 441
90 x 50	10	109	198	79	61	48	649	11 124 442
90 x 63	10	109	198	86	76	48	664	11 124 443
90 x 75	10	109	198	92	91	48	693	11 124 444
110 x 50	10	133	244	92	61	61	1165	11 124 448
110 x 63	10	133	244	99	76	61	1173	11 124 449
110 x 75	10	133	244	105	91	61	1188	11 124 450
110 x 90	10	133	244	112	109	61	1210	11 124 451

Bends 90° Short radius



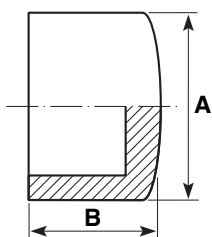
Size	PN	A	C	Z ₁	gms	Code
20	10	26	57	40	18	11 118 306
25	10	33	69	50	38	11 118 307
32	10	41	87	64	75	11 118 308
40	10	51	107	80	135	11 118 309
50	10	62	132	100	245	11 118 310
63	10	78	165	126	470	11 118 311
75	10	93	195	150	810	11 118 312
90	10	111	234	180	1350	11 118 313
110	10	140	284	220	2570	11 118 314

Bends 90° Long radius



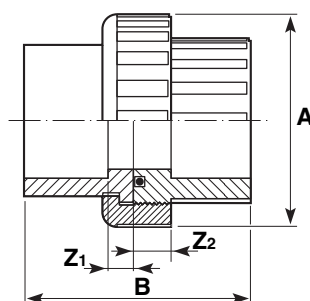
Size	C	E	R	gms	Code
125	750	250	500	4790	11 309 315
140	840	280	560	6700	11 309 316
160	960	320	640	10040	11 309 317
200	1200	400	800	19480	11 309 318
225	1350	450	900	27850	11 309 319

End caps Plain



Size	PN	A	B	Weight gms	Code
16	10	21	16	3	11 149 305
20	10	25	21	5	11 149 306
25	10	31	24	8	11 149 307
32	10	41	30	19	11 149 308
40	10	50	35	30	11 149 309
50	10	62	41	53	11 149 310
63	10	78	50	106	11 149 311
75	10	94	59	180	11 149 312
90	10	112	70	300	11 149 313
110	10	136	84	570	11 149 314

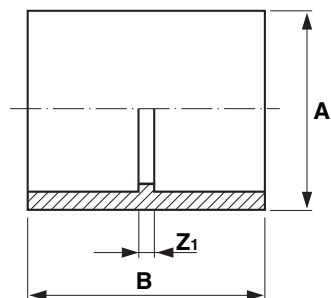
Socket unions Plain



Size	PN	A	B	Z ₁	Z ₂	Weight gms	Code
16	10	34	42	3	10	19	11 205 305
20	10	40	47	3	10	29	11 205 306
25	10	50	53	3	10	46	11 205 307
32	10	57	64	8	11	70	11 205 308
40	10	73	78	10	13	140	11 205 309
50	10	80	92	13	15	154	11 205 310
63	10	102	111	14	20	270	11 205 311
75	10	135	107	8	13	720	11 205 312
90	10	157	115	7	4	750	11 205 313
110	10	183	138	8	7	1115	11 205 314

EPDM seal as standard.
For FPM seal order by type 204.

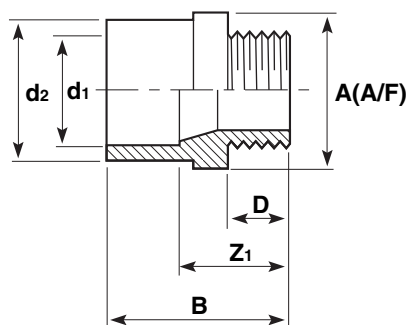
Imperial/metric socket adaptors Plain



Size	PN	A	B	Z ₁	Weight gms	Code
*1/2 - 20	10	26	37	3	11	11 345 102
*3/4 - 25	10	31	41	3	23	11 345 103
*1 - 32	10	40	49	3	40	11 345 104
*1 1/4 - 40	10	50	58	2	80	11 345 105
*1 1/2 - 50	10	59	67	3	160	11 345 106
*2 - 63	10	74	78	2	230	11 345 107
*3 - 90	10	107	105	3	340	11 345 109
*4 - 110	10	134	130	6	675	11 345 110
*6 - 160	10	195	183	8	1890	11 345 112

*Sizes shown in imperial n.b. designation.

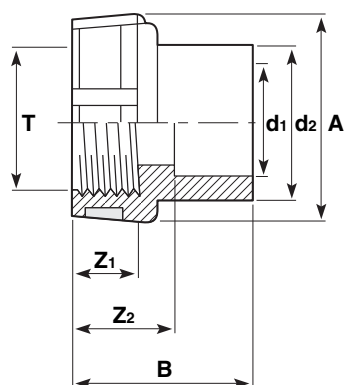
Male threaded adaptors BSP taper male thread



Size		PN	T*	A	B	D	Z ₁	Weight		Code
d ₂	d ₁							gms		
16- 12-		10	3/8	19	35	11	22	7		11 151 331
20- 16-		10	3/8	24	38	12	24	7		11 151 332
20- 16-		10	1/2	24	42	15	28	7		11 151 333
20- 16-		10	3/4	30	46	16	28	8		11 151 327
25- 20-		10	1/2	30	46	15	28	13		11 151 334
25- 20-		10	3/4	30	48	16	31	14		11 151 335
32- 25-		10	1/2	36	51	15	32	23		11 151 352
32- 25-		10	3/4	36	52	16	33	23		11 151 336
32- 25-		10	1	36	55	19	36	23		11 151 337
40- 32-		10	1	46	58	20	36	36		11 151 338
40- 32-		10	1 1/4	46	60	21	37	38		11 151 339
50- 40-		10	1 1/4	55	66	22	39	70		11 151 340
50- 40-		10	1 1/2	55	66	21	39	70		11 151 341
63- 50-		10	1 1/2	72	73	22	41	115		11 151 342
63- 50-		10	2	72	78	26	46	123		11 151 343
75- 63-		10	2	80	84	26	46	150		11 151 345

*Thread size designation.

Female threaded adaptors Plain spigot/plain socket/female BSP thread



Size		PN	T*	A	B	Z ₁	Z ₂	Weight		Code
d ₂	d ₁							gms		
16- 12-		10	3/8	24	28	11	16	7		11 153 331
20- 16-		10	1/2	30	35	15	21	14		11 153 333
25- 20-		10	3/4	38	39	16	22	21		11 153 335
32- 25-		10	1	45	45	18	26	42		11 153 337
40- 32-		10	1 1/4	56	54	21	31	69		11 153 339
50- 40-		10	1 1/2	64	60	21	33	108		11 153 341
63- 50-		10	2	78	72	25	41	169		11 153 343

*Thread size designation.

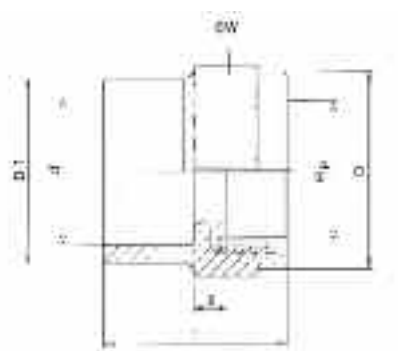
Male threaded fittings Plain/brass male thread



Size	D	D ₁	l	z	SW	Code
20 x 1/2	35	29	55	40	36	11 228 306
25 x 3/4	43	34	58	42	44	11 228 307
32 x 1	50	43	66	48	51	11 228 308
40 x 1 1/4	62	52	74	53	63	11 228 309

ALL Durapipe Brass Components are manufactured using DZR Brass.

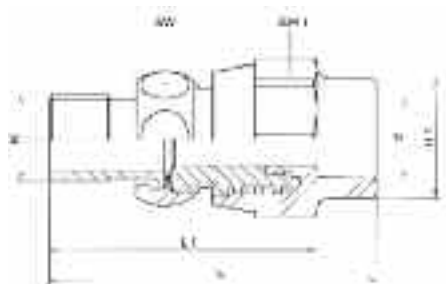
Female threaded fittings Plain/brass female thread



Size	D	D ₁	L	z	SW	Code
20 x 1/2	35	29	40	11	36	11 229 306
25 x 3/4	43	34	42	11	44	11 229 307
32 x 1	50	43	48	12	51	11 229 308
40 x 1 1/4	62	55	54	13	63	11 229 309

ALL Durapipe Brass Components are manufactured using DZR Brass.

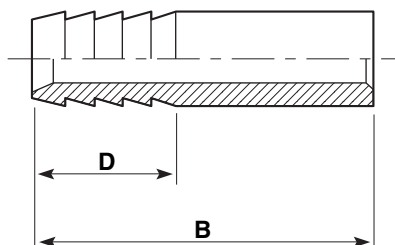
Half faced unions



Size	D ₁	L	L ₁	SW	SW ₁	Code
20 x 1/2	29	79	65	36	30	11 230 306
25 x 3/4	34	88	72	44	37	11 230 307
32 x 1	43	98	80	51	46	11 230 308
40 x 1 1/4	52	113	92	63	52	11 230 309

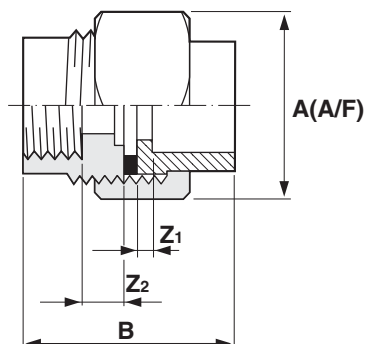
ALL Durapipe Brass Components are manufactured using DZR Brass.

Hose adaptors Spigot end/hose tail



Size	PN	B	D	Weight gms	Code
16	10	60	25	8	11 158 305
20	10	75	30	13	11 158 306
25	10	80	35	20	11 158 307
32	10	90	40	32	11 158 308

Female composite unions Plain/brass, female BSP parallel thread



Size	PN	A	B	Z ₁	Z ₂	Weight gms	Code
16 x 3/8*	10	32	37	3	7	105	11 216 305
20 x 1/2*	10	40	43	3	7	175	11 216 306
25 x 3/4*	10	48	47	3	7	320	11 216 307
32 x 1*	10	55	59	8	9	420	11 216 308
40 x 1 1/4*	10	65	68	10	8	620	11 216 309
50 x 1 1/2*	10	78	76	12	9	1000	11 216 310
63 x 2*	10	88	89	12	11	1200	11 216 311

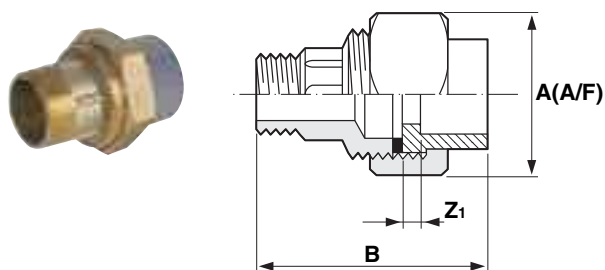
*Thread sizes designation.

Fitted with brass retaining nut and EPDM rubber seal.

Brass material to BS2872, WRAS approved.

ALL Durapipe Brass Components are manufactured using DZR Brass.

Male composite unions Plain/brass, male BSP taper thread



Size	PN	A	B	Z ₁	Z ₂	Weight gms	Code
16 x 3/8*	10	32	48	3	9	100	11 217 305
20 x 1/2*	10	40	54	3	9	165	11 217 306
25 x 3/4*	10	48	74	3	10	250	11 217 307
32 x 1*	10	55	86	8	11	310	11 217 308
40 x 1 1/4*	10	65	94	10	11	450	11 217 309
50 x 1 1/2*	10	78	108	12	12	800	11 217 310
63 x 2*	10	88	126	12	14	950	11 217 311

*Thread sizes designation.

Fitted with brass retaining nut and EPDM rubber seal.

Brass material to BS2872, WRAS approved.

ALL Durapipe Brass Components are manufactured using DZR Brass.

Flexible hoses Plain spigot, BSP thread



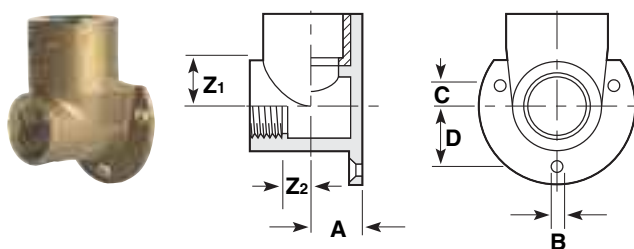
Size	Code
20 x 1/2" x 300	11450306
25 x 3/4" x 300	11450307
32 x 1" x 300	11450308
20 x 1/2" x 600	11451306
25 x 3/4" x 600	11451307
32 x 1" x 600	11451308

10 bar working pressure at 20°C.

Other lengths available on request.

ALL Durapipe Brass Components are manufactured using DZR Brass.

Wall brackets ABS/brass body

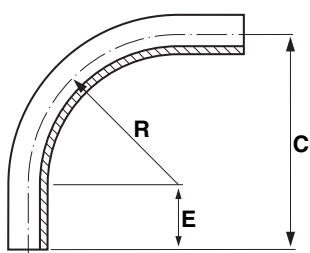


Size	PN	A	B	C	D	Z ₁	Z ₂	Weight gms	Code
16- 3/8*	10	15	4.5	6	19	17	9	180	31 422 326
20- 1/2*	10	16.5	4.5	6	19	18	9	185	31 422 327
25- 1/2*	10	20	4.5	5	24	19	11	215	31 422 328
25- 3/4*	10	20	4.5	5	24	19	11	200	31 422 329

*Thread sizes designation.

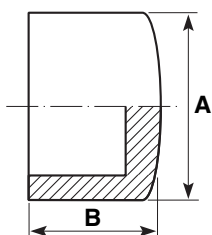
ALL Durapipe Brass Components are manufactured using DZR Brass.

Bends 90° Long radius



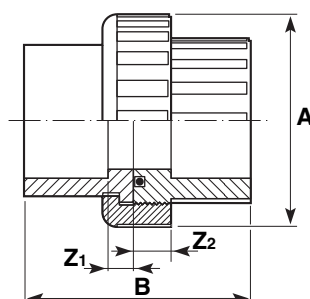
Size	C	E	R	gms	Code
125	750	250	500	4790	11 309 315
140	840	280	560	6700	11 309 316
160	960	320	640	10040	11 309 317
200	1200	400	800	19480	11 309 318
225	1350	450	900	27850	11 309 319

End caps Plain



Size	PN	A	B	Weight gms	Code
16	10	21	16	3	11 149 305
20	10	25	21	5	11 149 306
25	10	31	24	8	11 149 307
32	10	41	30	19	11 149 308
40	10	50	35	30	11 149 309
50	10	62	41	53	11 149 310
63	10	78	50	106	11 149 311
75	10	94	59	180	11 149 312
90	10	112	70	300	11 149 313
110	10	136	84	570	11 149 314

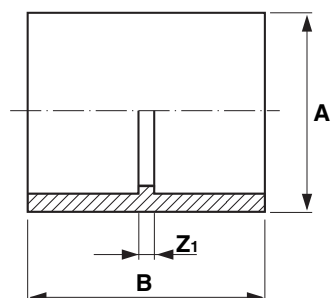
Socket unions Plain



Size	PN	A	B	Z ₁	Z ₂	Weight gms	Code
16	10	34	42	3	10	19	11 205 305
20	10	40	47	3	10	29	11 205 306
25	10	50	53	3	10	46	11 205 307
32	10	57	64	8	11	70	11 205 308
40	10	73	78	10	13	140	11 205 309
50	10	80	92	13	15	154	11 205 310
63	10	102	111	14	20	270	11 205 311
75	10	135	107	8	13	720	11 205 312
90	10	157	115	7	4	750	11 205 313
110	10	183	138	8	7	1115	11 205 314

EPDM seal as standard.
For FPM seal order by type 204.

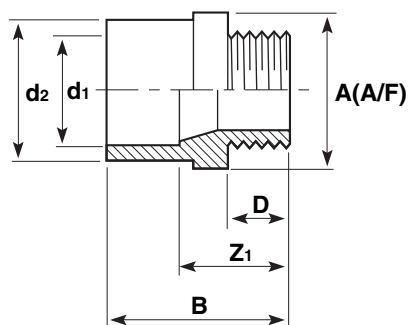
Imperial/metric socket adaptors Plain



Size	PN	A	B	Z ₁	Weight gms	Code
*1/2 - 20	10	26	37	3	11	11 345 102
*3/4 - 25	10	31	41	3	23	11 345 103
*1 - 32	10	40	49	3	40	11 345 104
*1 1/4 - 40	10	50	58	2	80	11 345 105
*1 1/2 - 50	10	59	67	3	160	11 345 106
*2 - 63	10	74	78	2	230	11 345 107
*3 - 90	10	107	105	3	340	11 345 109
*4 - 110	10	134	130	6	675	11 345 110
*6 - 160	10	195	183	8	1890	11 345 112

*Sizes shown in imperial n.b. designation.

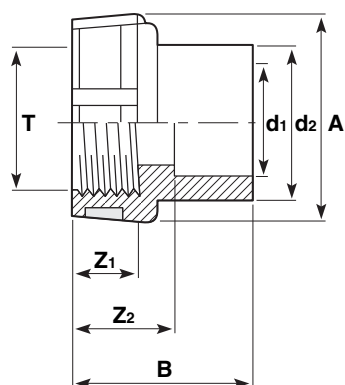
Male threaded adaptors BSP taper male thread



Size		PN	T*	A	B	D	Z ₁	Weight		Code
d ₂	d ₁							gms		
16- 12-		10	3/8	19	35	11	22	7		11 151 331
20- 16-		10	3/8	24	38	12	24	7		11 151 332
20- 16-		10	1/2	24	42	15	28	7		11 151 333
20- 16-		10	3/4	30	46	16	28	8		11 151 327
25- 20-		10	1/2	30	46	15	28	13		11 151 334
25- 20-		10	3/4	30	48	16	31	14		11 151 335
32- 25-		10	1/2	36	51	15	32	23		11 151 352
32- 25-		10	3/4	36	52	16	33	23		11 151 336
32- 25-		10	1	36	55	19	36	23		11 151 337
40- 32-		10	1	46	58	20	36	36		11 151 338
40- 32-		10	1 1/4	46	60	21	37	38		11 151 339
50- 40-		10	1 1/4	55	66	22	39	70		11 151 340
50- 40-		10	1 1/2	55	66	21	39	70		11 151 341
63- 50-		10	1 1/2	72	73	22	41	115		11 151 342
63- 50-		10	2	72	78	26	46	123		11 151 343
75- 63-		10	2	80	84	26	46	150		11 151 345

*Thread size designation.

Female threaded adaptors Plain spigot/plain socket/female BSP thread



Size		PN	T*	A	B	Z ₁	Z ₂	Weight		Code
d ₂	d ₁							gms		
16- 12-		10	3/8	24	28	11	16	7		11 153 331
20- 16-		10	1/2	30	35	15	21	14		11 153 333
25- 20-		10	3/4	38	39	16	22	21		11 153 335
32- 25-		10	1	45	45	18	26	42		11 153 337
40- 32-		10	1 1/4	56	54	21	31	69		11 153 339
50- 40-		10	1 1/2	64	60	21	33	108		11 153 341
63- 50-		10	2	78	72	25	41	169		11 153 343

*Thread size designation.

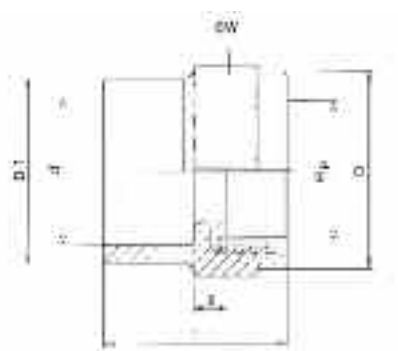
Male threaded fittings Plain/brass male thread



Size	D	D ₁	l	z	SW	Code
20 x 1/2	35	29	55	40	36	11 228 306
25 x 3/4	43	34	58	42	44	11 228 307
32 x 1	50	43	66	48	51	11 228 308
40 x 1 1/4	62	52	74	53	63	11 228 309

ALL Durapipe Brass Components are manufactured using DZR Brass.

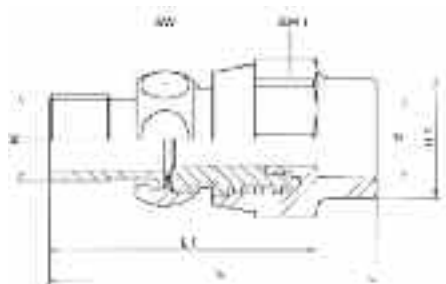
Female threaded fittings Plain/brass female thread



Size	D	D ₁	L	z	SW	Code
20 x 1/2	35	29	40	11	36	11 229 306
25 x 3/4	43	34	42	11	44	11 229 307
32 x 1	50	43	48	12	51	11 229 308
40 x 1 1/4	62	55	54	13	63	11 229 309

ALL Durapipe Brass Components are manufactured using DZR Brass.

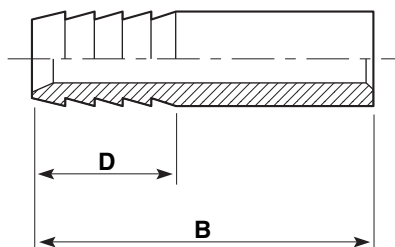
Half faced unions



Size	D ₁	L	L ₁	SW	SW ₁	Code
20 x 1/2	29	79	65	36	30	11 230 306
25 x 3/4	34	88	72	44	37	11 230 307
32 x 1	43	98	80	51	46	11 230 308
40 x 1 1/4	52	113	92	63	52	11 230 309

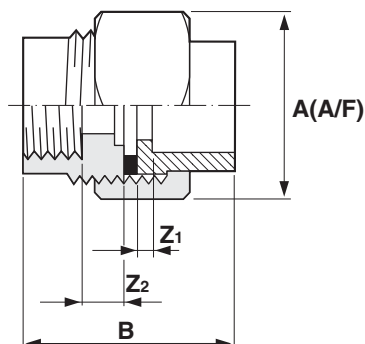
ALL Durapipe Brass Components are manufactured using DZR Brass.

Hose adaptors Spigot end/hose tail



Size	PN	B	D	Weight gms	Code
16	10	60	25	8	11 158 305
20	10	75	30	13	11 158 306
25	10	80	35	20	11 158 307
32	10	90	40	32	11 158 308

Female composite unions Plain/brass, female BSP parallel thread



Size	PN	A	B	Z ₁	Z ₂	Weight gms	Code
16 x 3/8*	10	32	37	3	7	105	11 216 305
20 x 1/2*	10	40	43	3	7	175	11 216 306
25 x 3/4*	10	48	47	3	7	320	11 216 307
32 x 1*	10	55	59	8	9	420	11 216 308
40 x 1 1/4*	10	65	68	10	8	620	11 216 309
50 x 1 1/2*	10	78	76	12	9	1000	11 216 310
63 x 2*	10	88	89	12	11	1200	11 216 311

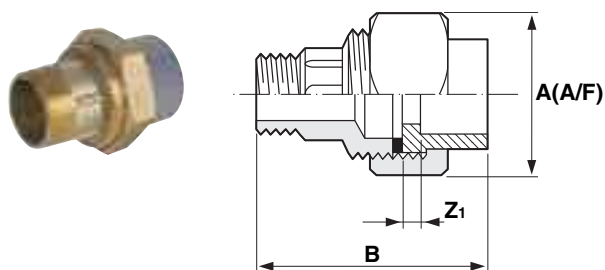
*Thread sizes designation.

Fitted with brass retaining nut and EPDM rubber seal.

Brass material to BS2872, WRAS approved.

ALL Durapipe Brass Components are manufactured using DZR Brass.

Male composite unions Plain/brass, male BSP taper thread



Size	PN	A	B	Z ₁	Z ₂	Weight gms	Code
16 x 3/8*	10	32	48	3	9	100	11 217 305
20 x 1/2*	10	40	54	3	9	165	11 217 306
25 x 3/4*	10	48	74	3	10	250	11 217 307
32 x 1*	10	55	86	8	11	310	11 217 308
40 x 1 1/4*	10	65	94	10	11	450	11 217 309
50 x 1 1/2*	10	78	108	12	12	800	11 217 310
63 x 2*	10	88	126	12	14	950	11 217 311

*Thread sizes designation.

Fitted with brass retaining nut and EPDM rubber seal.

Brass material to BS2872, WRAS approved.

ALL Durapipe Brass Components are manufactured using DZR Brass.

Flexible hoses Plain spigot, BSP thread



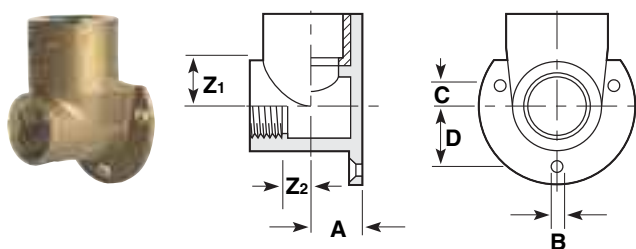
Size	Code
20 x 1/2" x 300	11450306
25 x 3/4" x 300	11450307
32 x 1" x 300	11450308
20 x 1/2" x 600	11451306
25 x 3/4" x 600	11451307
32 x 1" x 600	11451308

10 bar working pressure at 20°C.

Other lengths available on request.

ALL Durapipe Brass Components are manufactured using DZR Brass.

Wall brackets ABS/brass body



Size	PN	A	B	C	D	Z ₁	Z ₂	Weight gms	Code
16- 3/8*	10	15	4.5	6	19	17	9	180	31 422 326
20- 1/2*	10	16.5	4.5	6	19	18	9	185	31 422 327
25- 1/2*	10	20	4.5	5	24	19	11	215	31 422 328
25- 3/4*	10	20	4.5	5	24	19	11	200	31 422 329

*Thread sizes designation.

ALL Durapipe Brass Components are manufactured using DZR Brass.