
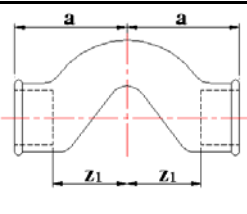

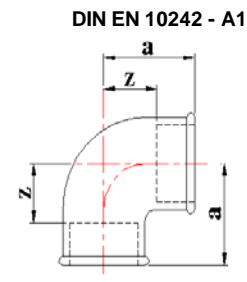

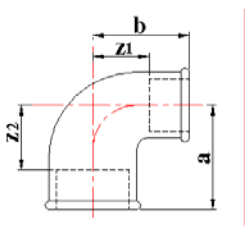

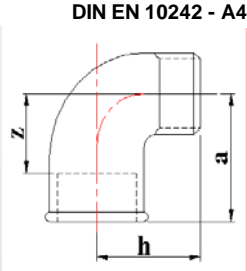


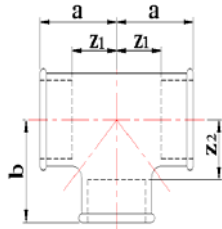
85 Crossover		Dimension	Code	B or G	a (mm)	z1 (mm)					Wt. (kg)/unit	Packing
		1/2"	85104	Black	45	32					0.188	120
		1/2"	85204	Galv	45	32					0.190	120

90 Elbow(Equal)		Dimension	Code	B or G	a (mm)	Z (mm)					Wt. (kg)/unit	Packing
		1/2"	90104	Black	28	15					0.084	250
		1/2"	90204	Galv	28	15					0.090	250
		3/4"	90105	Black	33	18					0.137	150
		3/4"	90205	Galv	33	18					0.142	150
		1"	90106	Black	38	21					0.217	100
		1"	90206	Galv	38	21					0.023	100
		1 1/4"	90107	Black							0.035	60
		1 1/4"	90204	Galv							0.036	60
		1 1/2"	90108	Black	50	31					0.413	45
		1 1/2"	90208	Galv	50	31					0.438	45
		2"	90109	Black	58	34					0.680	25
		2"	90209	Galv	58	34					0.735	25
		2 1/2"	90110	Black	69	42					1.310	10
		2 1/2"	90210	Galv	69	42					1.320	10
		3"	90111	Black	78	48					1.563	10
		3"	90211	Galv	78	48					1.770	10

90 Elbow(Reducing)		Dimension	Code	B or G	a (mm)	b (mm)	z1 (mm)	z2 (mm)			Wt. (kg)/unit	Packing
		3/4x1/2"	90120	Black	30	31	15	18			0.113	200
		3/4x1/2"	90220	Galv	30	31	15	18			0.118	200
		1x1/2"	90121	Black	32	34	15	21			0.160	120
		1x1/2"	90221	Galv	32	34	15	21			0.168	120
		1x3/4"	90122	Black	35	36	18	21			0.168	120
		1x3/4"	90222	Galv	35	36	18	21			0.192	120
		1 1/2x1"	90126	Black	42	46	23	29			0.360	60
		1 1/2x1"	90226	Galv	42	46	23	29			0.378	60
		2x1"	90128	Black	44	52	20	35			0.460	45
		2x1"	90228	Galv	44	52	20	35			0.483	45
2x1 1/2"	90130	Black	52	55	28	36			0.571	30		
2x1 1/2"	90230	Galv	52	55	28	36			0.609	30		

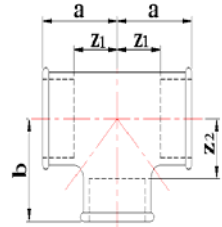
92 Elbow(M/F)		Dimension	Code	B or G	a (mm)	h (mm)	z (mm)				Wt. (kg)/unit	Packing
		1/2"	92104	Black	28	37	15				0.090	250
		1/2"	92204	Galv	28	37	15				0.095	250
		3/4"	92105	Black	33	43	18				0.143	150
		3/4"	92205	Galv	33	43	18				0.147	150
		1"	92106	Black	38	52	21				0.212	100
		1"	92206	Galv	38	52	21				0.222	100
		1 1/4"	92107	Black							0.369	70
		1 1/4"	92207	Galv							0.386	70
		2"	92109	Black							0.737	25
2"	92209	Galv							0.795	25		

130 Tee(Equal)


DIN EN 10242 - B1

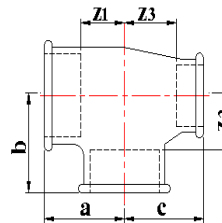
Dimension	Code	B or G	a (mm)	z (mm)						Wt. (kg)/unit	Packing
1/2"	130104	Black	28	15						0.118	150
1/2"	130204	Galv	28	15						0.121	150
3/4"	130105	Black	33	18						0.167	100
3/4"	130205	Galv	33	18						0.177	100
1"	130106	Black	38	21						0.285	60
1"	130206	Galv	38	21						0.299	60
1 1/4"	130107	Black								0.450	40
1 1/4"	130207	Galv								0.463	40
1 1/2"	130108	Black	50	31						0.600	30
1 1/2"	130208	Galv	50	31						0.604	30
2"	130109	Black	58	34						0.872	20
2"	130209	Galv	58	34						0.896	20
2 1/2"	130110	Black	69	42						1.560	6
2 1/2"	130210	Galv	69	42						1.760	6
3"	130111	Black	78	48						2.320	6
3"	130211	Galv	78	48						2.330	6

130 Tee(Reducing)


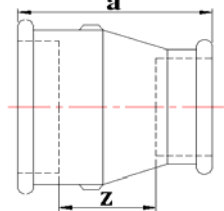

DIN EN 10242 - B1


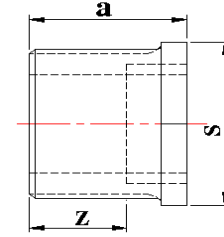
Dimension	Code	B or G	a (mm)	b (mm)	z1 (mm)	z2 (mm)				Wt. (kg)/unit	Packing
1/2x3/4"	130127	Black	31	30	18	15				0.150	120
1/2x3/4"	130227	Galv	31	30						0.162	120
1x1/2"	130137	Black	32	34	15	21				0.230	80
1x1/2"	130237	Galv	32	34	15	21				0.242	80
1x3/4"	130140	Black	35	36	18	21				0.245	70
1x3/4"	130240	Galv	35	36	18	21				0.257	70
1 1/2x1/2"	130164	Black	36	42	17	29				0.380	50
1 1/2x1/2"	130264	Galv	36	42	17	29				0.395	50
1 1/2x3/4"	130166	Black	38	44	19	29				0.410	45
1 1/2x3/4"	130266	Galv	38	44	19	29				0.431	45
1 1/2x1"	130169	Black	42	46	23	29				0.465	35
1 1/2x1"	130269	Galv	42	46	23	29				0.488	35
2x1"	130185	Black	44	52	20	35				0.615	25
2x1"	130285	Galv	44	52	20	35				0.640	25
2x1 1/2"	130191	Black	52	55	28	36				0.770	20
2x1 1/2"	130291	Galv	52	55	28	36				0.809	20


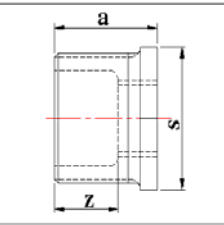

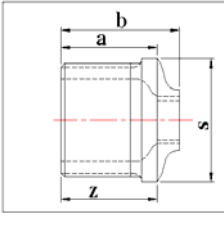
130 Tee(Reducing)


DIN EN 10242 - B1

Dimension	Code	B or G	a (mm)	b (mm)	c (mm)	z1 (mm)	z2 (mm)	z3 (mm)	Wt. (kg)/unit	Packing
3/4x1x3/4"	130139	Black	36	35		21	18			70
3/4x1x3/4"	130239	Galv	36	35		21	18			70
1x1/2x3/4"	130136	Black	32	34	30	15	21	15		70
1x1/2x3/4"	130236	Galv	32	34	30	15	21	15		70
1x3/4x3/4"	130139	Black	35	36	33	18	21	18		70
1x3/4x3/4"	130239	Galv	35	36	33	18	21	18		70
1x1x3/4"	130143	Black	38	38	36	21	21	21		70
1x1x3/4"	130243	Galv	38	38	36	21	21	21		70

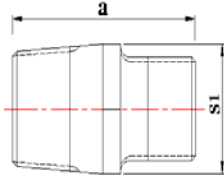
240 Reducing Socket		Dimension	Code	B or G	a (mm)	z (mm)					Wt. (kg)/unit	Packing	
	DIN EN 10242 - M2 	3/4x1/2"	240122	Black	39	11					0.086	300	
		3/4x1/2"	240222	Galv	39	11						0.094	300
		1x1/2"	240124	Black	45	15						0.138	160
		1x1/2"	240224	Galv	45	15						0.151	160
		1x3/4"	240125	Black	45	13						0.144	170
		1x3/4"	240225	Galv	45	13						0.148	170
		1 1/2x1"	240132	Black	55	19						0.232	90
		1 1/2x1"	240232	Galv	55	19						0.244	90
		2x1 1/2"	240138	Black	65	22						0.441	50
		2x1 1/2"	240238	Galv	65	22						0.460	50

241 Reducing Bush		Dimension	Code	B or G	Mod.	a (mm)	b (mm)	z (mm)	s (mm)		Wt. (kg) / unit	Packing		
	DIN EN 10242 - N4 	1/2x3/8"	241120	Black	II	26		16	30		0.032	600		
		1/2x3/8"	241220	Galv	II	26		16	30			0.040	600	
		3/4x3/8"	241122	Black								0.000	0	
		3/4x3/8"	241222	Galv								0.000	0	
		3/4x1/2"	241123	Black	I	26			13	30		0.064	350	
		3/4x1/2"	241223	Galv	I	26			130	30		0.069	350	
		1x1/2"	241126	Black	II	26			16	36		0.095	200	
		1x1/2"	241226	Galv	II	26			16	36		0.102	200	
		1x3/4"	241127	Black	I	29			14	36		0.090	250	
		1x3/4"	241227	Galv	I	29			14	36		0.094	250	
		1 1/4x1/2"	241129	Black	II	31			18	46		0.095	250	
		1 1/4x1/2"	241229	Galv	II	31			18	46		0.102	250	
		1 1/4x3/4"	241130	Black	II	31			16	46		0.163	250	
		1 1/4x3/4"	241230	Galv	II	31			16	46		0.169	250	
		1 1/4x1"	241131	Black	I	31			14	46		0.143	150	
		1 1/4x1"	241231	Galv	I	31			14	46		0.146	150	
		1 1/2x1/2"	241133	Black	II	31			18	50				
		1 1/2x1/2"	241233	Galv	II	31			18	50				
		1 1/2x3/4"	241134	Black	II	31			16	50		0.204	120	
		1 1/2x3/4"	241234	Galv	II	31			16	50		0.214	120	

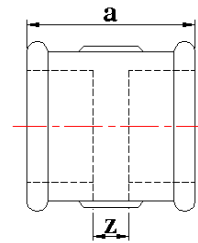
241 Reducing Bush		Dimension	Code	B or G	Mod.	a (mm)	b (mm)	z (mm)	s (mm)		Wt. (kg) / unit	Packing	
	Mod.(I) 	1 1/2x1"	241135	Black	II	31		14	50		0.182	130	
		1 1/2x1"	241235	Galv	II	31			14	50		0.197	130
		1 1/2x1 1/4"	241136	Black	I	31			12	50		0.121	200
		1 1/2x1 1/4"	241236	Galv	I	31			12	50		0.125	200
		2x1/2"	241137	Black	III	35						0.300	80
		2x1/2"	241237	Galv	III	35						0.310	80
		2x3/4"	241138	Black	III	35	48		33	65		0.318	75
		2x3/4"	241238	Galv	III	35	48		33	65		0.334	75
		2x1"	241139	Black	II	35			18	65		0.381	60
		2x1"	241239	Galv	II	35			18	65		0.334	60
		2x1 1/4"	241140	Black	II	35			16	65		0.381	80
		2x1 1/4"	241240	Galv	II	35			16	65		0.394	80
		2x1 1/2"	241141	Black	II	35			16	65		0.326	40
		2x1 1/2"	241241	Galv	II	35			16	65		0.333	40
			Mod.(III) 	2 1/2x1"	241142	Black	III	40	54	37	80		0.261
2 1/2x1"	241242			Galv	III	40	54	37	80		0.274	0	
2 1/2x1 1/2"	241144			Black	II	40		21	80		0.627	52	
2 1/2x1 1/2"	241244			Galv	II	40		21	80		0.680	52	
2 1/2x1 1/4"				Black	II	40	54	35	80		0.477	80	
2 1/2x1 1/4"				Galv	II	40	54	35	80		0.510	80	
2 1/2x1"				Black	II						0.530	40	
2 1/2x1"				Galv	II						0.563	40	
2 1/2x2"	241145			Black	II	40		16	80		0.560	50	
2 1/2x2"	241245			Galv	II	40		16	80		0.574	50	
3x2"	241149	Black	II	44		20	95		0.950	25			
3x2"	241249	Galv	II	44		20	95		0.920	25			
3x1 1/2"		Black	II	44		17	95		0.523	25			

241 Reducing Bush

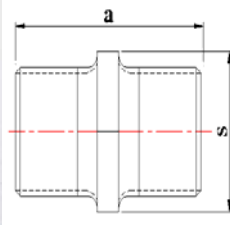
3x1 1/2"		Galv	II	44		17	95	0.610	25
3x2 1/2"	241150	Black	II	44		17	95	0.523	25
3x2 1/2"	241250	Galv	II	44		17	95	0.749	25

245 Reduced Nipple

DIN EN 10242 - N8

Dimension	Code	B or G	a (mm)	s1 (mm)				Wt. (kg) / unit	Packing
1 1/2 x 1 1/4"	245130	Black	59	50				0.273	45
1 1/2 x 1 1/4"	245230	Galv	59	50				0.277	45

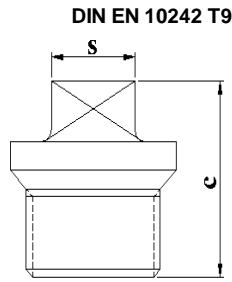
270 Socket(Equal)

DIN EN 10242 - M2

Dimension	Code	B or G	a (mm)	z (mm)				Wt. (kg) / unit	Packing
1/2"	270104	Black	36	10				0.061	340
1/2"	270204	Galv	36	10				0.064	340
3/4"	270105	Black	39	9				0.091	200
3/4"	270205	Galv	39	9				0.095	200
1"	270106	Black	45	11				0.140	100
1"	270206	Galv	45	11				0.146	100
1 1/4"	270107	Black	50	12				0.212	80
1 1/4"	270207	Galv	50	12				0.222	80
1 1/2"	270108	Black	55	17				0.306	90
1 1/2"	270208	Galv	55	17				0.372	90
2"	270109	Black	65	17				0.496	45
2"	270209	Galv	65	17				0.504	45
3"	270111	Black	80	20				0.995	14
3"	270211	Galv	80	20				1.020	14

280 Double Nipple

DIN EN 10242 - N8

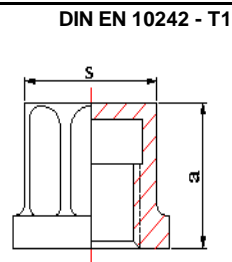
Dimension	Code	B or G	a (mm)	s (mm)				Wt. (kg) / unit	Packing
1/2"	280140	Black	44	27				0.059	400
1/2"	280204	Galv	44	27				0.062	400
3/4"	280105	Black	47	32				0.080	250
3/4"	240205	Galv	47	32				0.082	250
1"	280106	Black	53	41				0.152	140
1"	280206	Galv	53	41				0.163	140
1 1/4"	280107	Black	57	50				0.257	80
1 1/4"	280207	Galv	57	50				0.262	80
1 1/2"	280108	Black	59	55				0.283	70
1 1/2"	280208	Galv	59	55				0.305	70
2"	208109	Black	68	70				0.440	40
2"	280209	Galv	68	70				0.460	40
2 1/2"	280110	Black	75	85				0.000	25
2 1/2"	280210	Galv	75	85				0.000	25
3"	280111	Black	83	100				0.922	18
3"	280211	Galv	83	100				0.968	18

290 Plug(Beaded)



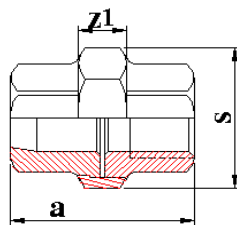
Dimension	Code	B or G	c (mm)	s (mm)						Wt. (kg) / unit	Packing
3/8"	290103	Black								0.030	800
3/8"	290203	Galv								0.032	800
1/2"	290104	Black	26	11						0.042	500
1/2"	290204	Galv	26	11						0.043	500
3/4"	290105	Black	32	17						0.067	350
3/4"	290205	Galv	32	17						0.069	350
1"	290106	Black	36	19						0.106	200
1"	290206	Galv	36	19						0.109	200
1 1/4"	290107	Black	39	22						0.153	150
1 1/4"	290207	Galv	39	22						0.158	150
1 1/2"	290108	Black	41	22						0.191	120
1 1/2"	290208	Galv	41	22						0.195	120
2"	290109	Black	48	27						0.293	80
2"	290209	Galv	48	27						0.307	80
2 1/2"	290110	Black	54	32						0.497	30
2 1/2"	290210	Galv	54	32						0.520	30
3"	290111	Black	54	32						0.737	
3"	290211	Galv	54	32						0.770	

301 Cap


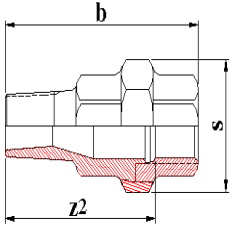



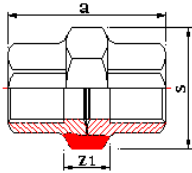
Dimension	Code	B or G	a (mm)	s (mm)						Wt. (kg) / unit	Packing
1/2"	301104	Black	20	27						0.047	450
1/2"	301204	Galv	20	27						0.049	450
3/4"	301105	Black	26							0.081	300
3/4"	301205	Galv	26							0.090	300
1"	301106	Black	29							0.123	180
1"	301206	Galv	29							0.130	180
1 1/4"	301107	Black	32	48						0.170	90
1 1/4"	301207	Galv	32	48						0.180	90
2"	301109	Black	38	66						0.308	75
2"	301209	Galv	38	66						0.323	75


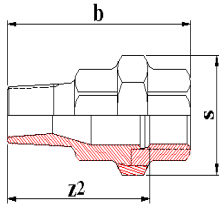
330 Union(Flat Seat)



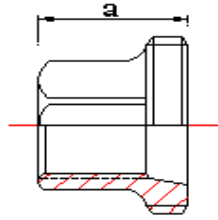
Dimension	Code	B or G	a (mm)	z1 (mm)	s (min)					Wt. (kg) / unit	Packing
1/2"	330140	Black	48	22	38					0.165	140
1/2"	330204	Galv	48	22	38					0.158	140
3/4"	330150	Black	52	22	48					0.260	80
3/4"	330205	Galv	52	22	48					0.300	80
1"	330106	Black	58	24	53					0.315	70
1"	330206	Galv	58	24	53					0.322	70
1 1/4"	330107	Black	65	27	68					0.602	45
1 1/4"	330207	Galv	65	27	68					0.620	45
1 1/2"	330108	Black	70	32	73					0.701	30
1 1/2"	330208	Galv	70	32	73					0.713	30
2"	330110	Black	78	30	88					1.074	20
2"	330210	Galv	78	30	88					1.278	20
3"	330111	Black								2.714	12
3"	330211	Galv								2.880	12

331 Union(Flat Seat)		Dimension	Code	B or G								Wt. (kg) / unit	Packing
 	DIN EN 10242-U2	1/2"	331104	Black								0.178	90
	1/2"	331204	Galv									0.183	90
	3/4"	331105	Black									0.303	70
	3/4"	331205	Galv									0.316	70
	1"	331106	Black									0.392	60
	1"	331206	Galv									0.404	60
	1 1/4"	331107	Black									0.722	45
	1 1/4"	331207	Galv									0.750	45
	1 1/2"	331108	Black									0.820	30
	1 1/2"	331208	Galv									0.837	30
	2"	331109	Black									1.216	15
	2"	331209	Galv									1.270	15

340 Union(Taper Seat)		Dimension	Code	B or G								Wt. (kg) / unit	Packing
 	DIN EN 10242-U11	1/2"	340104	Black								0.157	140
	1/2"	340204	Galv									0.170	140
	3/4"	340105	Black									0.265	80
	3/4"	340205	Galv									0.270	80
	1"	340106	Black									0.327	70
	1"	340206	Galv									0.342	70
	1 1/4"	340107	Black									0.570	30
	1 1/4"	340207	Galv									0.570	30
	1 1/2"	340108	Black									0.688	30
	1 1/2"	340208	Galv									0.710	30
	2"	340109	Black									1.017	20
	2"	340209	Galv									1.070	20
	2 1/2"	340110	Black									1.590	10
	2 1/2"	340210	Galv									1.780	10
	3"	340111	Black									2.230	12
	3"	340211	Galv									2.390	12

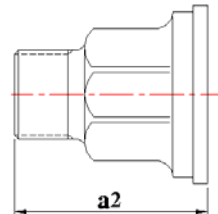
341 Union(Taper Seat)		Dimension	Code	B or G								Wt. (kg) / unit	Packing
 	DIN EN 10242-U12	1/2"	341104	Black									140
	1/2"	341204	Galv										140
	3/4"	341105	Black										80
	3/4"	341205	Galv										80
	1"	341106	Black										70
	1"	341206	Galv										70
	2"	341109	Black										20
	2"	341209	Galv										20
	3"	341111	Black										
	3"	341211	Galv										

370 Union Bushe



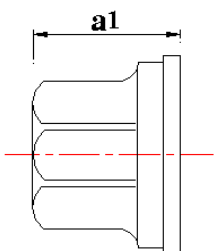
Dimension	Code	B or G								Wt. (kg) / unit	Packing
1/2"	370104	Black								0.057	300
1/2"	370204	Galv								0.070	300
3/4"	370105	Black								0.107	
3/4"	370205	Galv								0.115	
1"	370106	Black								0.142	150
1"	370206	Galv								0.153	150
1 1/4"	370107	Black								0.235	75
1 1/4"	370207	Galv								0.290	75
1 1/2"	370108	Black								0.315	
1 1/2"	370208	Galv								0.332	
2"	370109	Black								0.511	40
2"	370209	Galv								0.550	40
3"	370111	Black									
3"	370211	Galv									

371 Union End



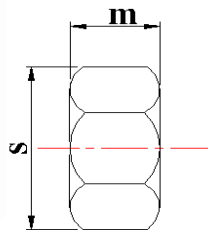
Dimension	Code	B or G								Wt. (kg) / unit	Packing
1/2"	371104	Black								0.067	200
1/2"	371204	Galv								0.077	200
3/4"	371105	Black								0.130	
3/4"	371205	Galv								0.140	
1"	371106	Black								0.183	
1"	371206	Galv								0.200	
1 1/4"	371107	Black								0.279	60
1 1/4"	371207	Galv								0.340	60
1 1/2"	371108	Black								0.320	50
1 1/2"	371208	Galv								0.390	50
2"	371109	Black								0.565	
2"	371209	Galv								0.610	

372 Union End(Equal)



Dimension	Code	B or G								Wt. (kg) / unit	Packing
1/2"	372104	Black								0.050	400
1/2"	372204	Galv								0.054	400
3/4"	372105	Black								0.083	250
3/4"	372205	Galv								0.089	250
1"	372106	Black								0.090	200
1"	372206	Galv								0.095	200
1 1/4"	372107	Black								0.160	110
1 1/4"	372207	Galv								0.220	110
1 1/2"	372108	Black								0.200	80
1 1/2"	372208	Galv								0.210	80
2"	372109	Black								0.341	40
2"	372209	Galv								0.431	40
3"	372111	Black									
3"	372211	Galv									

374 Union Nut



Dimension	Code	B or G								Wt. (kg) / unit	Packing
3/8"	374103	Black									
3/8"	374203	Galv									
1/2"	374104	Black								0.057	300
1/2"	374204	Galv								0.060	300
3/4"	374105	Black								0.090	200
3/4"	374205	Galv								0.100	200
1"	374106	Black								0.098	125
1"	274206	Galv								0.105	125
1 1/4"	374107	Black								0.205	70
1 1/4"	374207	Galv								0.209	70
1 1/2"	374108	Black								0.212	60
1 1/2"	374208	Galv								0.220	60
2"	374109	Black								0.278	40
2"	374209	Galv								0.310	40
3"	374111	Black									
3"	374211	Galv									

529 Ring, Single Socket



Dimension	Code	B or G								Wt. (kg) / unit	Packing
1"	529106	Black								0.090	200
1"	529206	Galv								0.096	200
2"	529109	Black								0.230	100
2"	529209	Galv								0.242	100

9309 Gas metres Connection



Dimension	Code	B or G								Wt. (kg) / unit	Packing
1"	9309106	Black								0.276	80
1"	9309206	Galv								0.294	80