

Joelhos a 90°

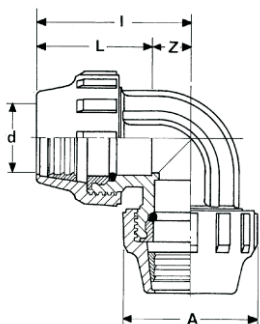
Elbows 90°

Coudes à 90°

Codos 90°



*20 40 2001 000



d	A	L	Z	I	Gr	Quant
16	47	54	13	67	88	•45
20	47	54	13	67	82	•45
25	54	56	17	73	105	•30
32	63	61	18	79	304	•20
40	80	74	23	97	304	•10
50	94	85	28	113	506	▲12
63	116	95	29	124	916	#14
75	121	134	48	182	1250	#9
90	146	155	51	208	1890	#6
110	176	176	58	234	3310	#3

Nº Código

20 40 2001 016

20 40 2001 020

20 40 2001 025

20 40 2001 032

20 40 2001 040

20 40 2001 050

20 40 2001 063

20 40 2001 075

20 40 2001 090

20 40 2001 110

Joelho com patere

Elbow with wall suport

Coudes avec applique murale

Codo grifo

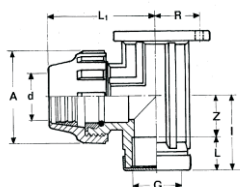


*20 40 2195 000

Nº Código

20 40 2195 005

20 40 2195 020



d	G	A	L	L1	Z	I	R	Gr	Quant
20	" 1 / 2	47	18	65	11	29	21	66	●50
25	" 3 / 4	54	20	73	11	31	21	86	●40

Tês a 90°

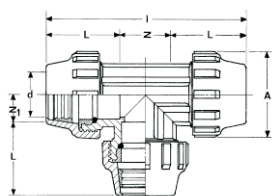
Tees 90°

Tés à 90°

Tes 90°



*40 20 2003 000



d	A	L	Z	Z1	I	Gr	Quant
16	47	54	26	13	134	127	●30
20	47	54	26	13	134	115	●30
25	54	56	34	17	146	165	●20
32	63	61	36	18	158	250	●12
40	80	74	46	23	194	441	●5
50	94	85	56	28	226	726	▲8
63	116	95	58	29	248	1300	#8
75	121	134	96	48	364	1900	#5
90	146	155	102	51	416	2850	#4
110	176	176	116	58	468	4750	#1

Nº Código

20 40 2003 016

20 40 2003 020

20 40 2003 025

20 40 2003 032

20 40 2003 040

20 40 2003 050

20 40 2003 063

20 40 2003 075

20 40 2003 090

20 40 2003 110

Tê de redução a 90°

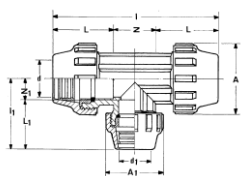
Reducing tee 90°

Té de réduction à 90°

Te 90° reducida



*20 40 2004 100



d	d1	A	A1	L	L1	Z	Z1	I	I1	Gr	Quant
25	20	54	47	56	54	34	21	146	75	160	●20
32	25	63	54	61	56	36	31	158	87	250	●12
40	32	80	63	74	61	46	38	194	99	390	●8
50	32	94	63	85	65	56	36	226	102	600	▲8
50	40	94	80	85	74	56	43	226	117	657	▲8
63	50	116	94	95	85	58	37	248	122	1160	#8

Nº Código

20 40 2004 105

20 40 2004 110

20 40 2004 115

20 40 2004 119

20 40 2004 120

20 40 2004 125

Joelhos com saída roscada fêmea

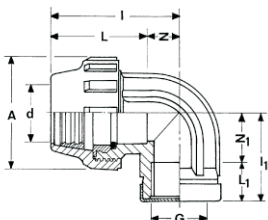
Female union elbows 90°

Coudes à 90° femelle

Codos 90° hembra



*20 40 2002 000



d	G	A	L	L1	Z	Z1	I	I1	Gr	Quant
16	" 1/2	47	54	17	13	26	67	43	69	•70
20	" 1/2	47	54	17	13	26	67	43	65	•70
20	" 3/4	47	54	18	13	27	67	45	64	•70
25	" 1/2	54	56	17	17	31	73	48	80	•40
25	" 3/4	54	56	17	17	31	73	48	84	•40
25	1"	54	56	19	17	29	73	48	84	•30
32	" 3/4	63	61	20	18	38	79	59	148	•30
32	1"	63	61	20	18	38	79	59	135	•30
40	1"	80	74	22	23	41	97	63	210	•15
40	1" 1/4	80	74	22	23	41	97	63	217	•15
50	1" 1/2	94	85	22	28	54	113	76	380	▲18
63	2"	116	96	26	29	57	124	83	650	#20
75	2" 1/2	121	134	34	48	51	182	85	880	#14
90	3"	146	155	37	51	68	208	105	1414	#8
110	4"	176	176	42	58	82	234	124	2317	#4

Nº Código

20 40 2002 003

20 40 2002 005

20 40 2002 006

20 40 2002 009

20 40 2002 010

20 40 2002 011

20 40 2002 013

20 40 2002 015

20 40 2002 019

20 40 2002 020

20 40 2002 025

20 40 2002 030

20 40 2002 060

20 40 2002 065

20 40 2002 070

Tês com saída roscada fêmea

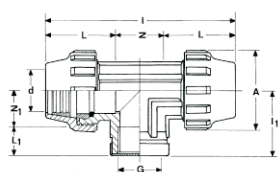
Female union tees 90°

Tés à 90° femelle

Tes 90° hembra



*20 40 2004 000



d	G	A	L	L1	Z	Z1	I	I1	Gr	Quant
16	" 1/2	47	54	16	26	27	134	43	111	●40
20	" 1/2	47	54	16	26	27	134	43	101	●40
20	" 3/4	47	54	17	26	29	134	46	103	●40
25	" 1/2	54	56	18	34	30	146	48	131	●25
25	" 3/4	54	56	18	34	30	146	48	131	●25
25	1 "	54	56	19	34	30	146	49	130	●25
32	" 3/4	63	61	18	36	40	158	58	227	●15
32	1 "	63	61	21	36	37	158	58	196	●15
40	1 "	80	74	21	46	42	194	63	355	●8
40	1" 1/4	80	74	23	46	40	194	63	340	●8
50	1" 1/2	94	85	23	56	53	226	76	569	▲10
63	2 "	116	95	27	58	58	248	85	996	#11
75	2" 1/2	121	134	33	96	52	364	85	1500	#10
90	3 "	146	155	37	102	65	416	102	2406	#4
110	4 "	176	176	42	116	82	468	124	3670	#2

Nº Código

20 40 2004 003

20 40 2004 005

20 40 2004 006

20 40 2004 009

20 40 2004 010

20 40 2004 011

20 40 2004 014

20 40 2004 015

20 40 2004 019

20 40 2004 020

20 40 2004 025

20 40 2004 030

20 40 2004 060

20 40 2004 065

20 40 2004 070

Joelhos com saída roscada macho

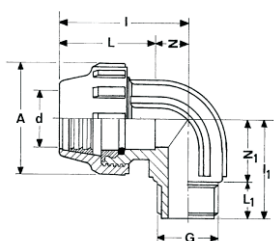
Male union elbows 90°

Coudes à 90° mâle

Codo 90° macho



*20 40 2085 000



d	G	A	L	L1	Z	Z1	I	I1	Gr	Quant
20	" 1/2	47	54	14	13	32	67	46	56	•70
20	" 3/4	47	54	16	13	27	67	43	53	•70
25	" 1/2	54	56	14	17	38	73	52	77	•40
25	" 3/4	54	56	16	17	36	73	52	76	•40
32	" 3/4	63	61	16	18	45	79	61	128	•30
32	1 "	63	61	19	18	42	79	61	119	•30
40	1 "	80	74	19	23	45	97	64	200	•15
40	1" 1/4	80	74	21	23	46	97	67	212	•15
50	1" 1/2	94	85	21	28	61	113	82	356	▲18
63	2 "	116	96	25	29	57	124	82	630	#20

Nº Código

20 40 2085 005

20 40 2085 006

20 40 2085 009

20 40 2085 010

20 40 2085 014

20 40 2085 015

20 40 2085 019

20 40 2085 020

20 40 2085 025

20 40 2085 030

quick coupling fittings

Tês com saída roscada macho

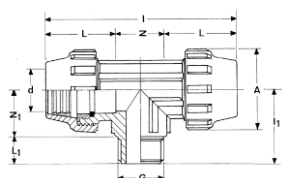
Male union tees 90°

Tês à 90° mâle

Tes 90° macho



*20 40 2086 000



d	G	A	L	L1	Z	Z1	I	I1	Gr	Quant
20	" 1/2	47	54	14	26	32	134	42	92	●40
20	" 3/4	47	54	14	26	32	134	42	90	●40
25	" 1/2	54	56	16	26	28	134	44	115	●30
25	" 3/4	54	56	16	34	36	146	51	123	●30
32	" 3/4	63	61	19	36	42	158	61	206	●15
32	1 "	63	61	19	36	42	158	61	200	●15
40	1" 1/4	80	74	21	46	46	194	67	351	●9
50	1" 1/2	94	85	21	56	61	226	82	572	▲10
63	2 "	116	95	25	58	57	248	82	1022	#12

Nº Código

20 40 2086 005

20 40 2086 006

20 40 2086 009

20 40 2086 010

20 40 2086 014

20 40 2086 015

20 40 2086 020

20 40 2086 025

20 40 2086 030

Uniões simples

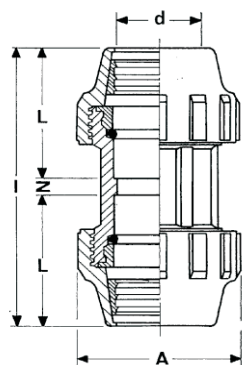
Coupling

Manchons

Manguito



* 20 40 2005 000



d	A	L	Z	I	Gr	Quant
16	47	51	3	105	78	•50
20	47	52,5	3	108	72	•50
25	54	57	3	117	93	•40
32	63	60	4	124	155	•25
40	80	74	6	154	290	•13
50	94	85	8	178	454	▲15
63	116	104	4	212	817	#15
75	121	138	5	281	1110	#14
90	146	145	3	293	1580	#8
110	176	174	6	354	2740	#4

Nº Código

20 40 2005 016

20 40 2005 020

20 40 2005 025

20 40 2005 032

20 40 2005 040

20 40 2005 050

20 40 2005 063

20 40 2005 075

20 40 2005 090

20 40 2005 110

Tampões fêmea

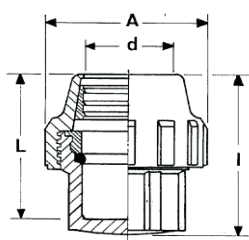
Caps

Bouchons femelle

Tapón hembra



*20 40 2012 000



d	A	L	I	Gr	Quant
16	47	52	58	41	•125
20	47	52	58	38	•125
25	54	57	63	55	•75
32	63	61	67	85	•50
40	80	75	83	150	•24
50	94	85	94	240	▲30
63	116	92	104	467	#34
75	121	154	164	650	#23
90	146	165	175	910	#16
110	176	180	195	1620	#8

Nº Código

20 40 2012 016

20 40 2012 020

20 40 2012 025

20 40 2012 032

20 40 2012 040

20 40 2012 050

20 40 2012 063

20 40 2012 075

20 40 2012 090

20 40 2012 110

Unões de redução

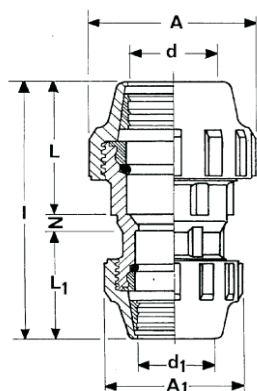
Reduced union

Manchons de réduction

Manguito reducido



★ 20 40 2007 000



d	d1	A	A1	L	L1	Z	I	Gr	Quant	Nº Código
20	16	47	47	51	54	3	108	74	●45	20 40 2007 003
25	16	54	47	56	51	5	112	83	●45	20 40 2007 004
25	20	54	47	56	51	5	112	84	●45	20 40 2007 005
32	20	63	47	59	51	5	115	107	●30	20 40 2007 009
32	25	63	54	61	56	5	122	120	●30	20 40 2007 010
40	25	80	54	73	56	4	133	177	●18	20 40 2007 014
40	32	80	63	73	59	6	138	194	●18	20 40 2007 015
50	32	94	63	85	58	5	148	305	▲22	20 40 2007 019
50	40	94	80	85	75	3	163	350	▲20	20 40 2007 020
63	40	116	80	104	75	10	189	531	#20	20 40 2007 024
63	50	116	94	91	85	6	182	620	#20	20 40 2007 025
75	63	121	116	143	95	7	245	1000	#14	20 40 2007 030
90	75	146	121	151	147	8	306	1360	#8	20 40 2007 035
110	90	176	146	180	160	8	348	2320	#5	20 40 2007 040

Adaptadores fêmea

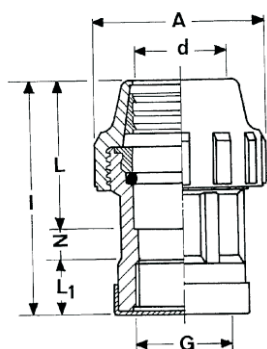
Female nipple

Raccords femelle

Enlace rosca hembra



*20 40 2065 000



d	G	A	L	L1	Z	I	Gr	Quant
16	" 1/2	47	54	17	5	76	56	•90
16	" 3/4	47	54	17	5	73	56	•90
20	" 1/2	47	54	17	5	76	49	•90
20	" 3/4	47	54	17	4	75	56	•90
25	" 1/2	54	60	17	1	78	64	•60
25	" 3/4	54	56	17	7	80	67	•60
25	1 "	54	56	20	8	84	75	•60
32	" 3/4	63	63	20	4	87	96	•35
32	1 "	63	63	20	4	87	102	•35
32	1" 1/4	63	69	20	5	94	110	•35
40	1 "	80	78	22	3	103	182	•22
40	1" 1/4	80	74	22	9	105	168	•22
50	1" 1/2	94	85	22	8	115	274	▲27
63	2 "	116	91	26	9	126	476	#30
75	2" 1/2	121	141	28	9	178	672	#20
90	3 "	146	151	31	8	190	970	#12
110	4 "	176	174	42	5	221	1665	#6

Nº Código

20 40 2065 003

20 40 2065 004

20 40 2065 005

20 40 2065 010

20 40 2065 019

20 40 2065 020

20 40 2065 022

20 40 2065 034

20 40 2065 035

20 40 2065 036

20 40 2065 044

20 40 2065 045

20 40 2065 050

20 40 2065 055

20 40 2065 060

20 40 2065 065

20 40 2065 070

quick coupling fittings

Adaptadores macho

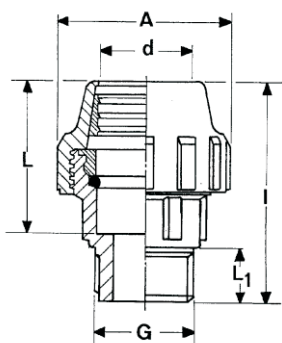
Male nipples

Raccords mâle

Enlace rosca macho



*20 40 2037 000



d	G	A	L	L1	I	Gr	Quant	Nº Código
16	" 1/2	47	52	15	74	42	●90	20 40 2037 003
16	" 3/4	47	52	15	74	44	●90	20 40 2037 004
20	" 1/2	47	51	15	71	40	●90	20 40 2037 005
20	" 3/4	47	52	16	72	40	●90	20 40 2037 010
25	" 1/2	54	60	15	82	56	●60	20 40 2037 015
25	" 3/4	54	58	15	80	59	●60	20 40 2037 020
25	1 "	54	58	18	83	64	●60	20 40 2037 025
32	" 3/4	63	60	15	83	86	●40	20 40 2037 030
32	1 "	63	60	20	86	87	●40	20 40 2037 035
32	1" 1/4	63	58	19	86	92	●40	20 40 2037 040
40	1 "	80	74	20	102	154	●23	20 40 2037 042
40	1" 1/4	80	74	22	104	147	●23	20 40 2037 045
40	1" 1/2	80	74	20	102	143	●22	20 40 2037 046
50	1" 1/4	96	86	19	112	222	▲30	20 40 2037 049
50	1" 1/2	94	86	24	117	231	▲27	20 40 2037 050
50	2 "	94	88	25	115	232	▲25	20 40 2037 052
63	1" 1/2	116	105	24	138	424	▲34	20 40 2037 053
63	2 "	116	105	25	139	427	▲30	20 40 2037 055
75	2 "	121	147	28	184	645	▲20	20 40 2037 059
75	2" 1/2	121	154	30	195	652	▲20	20 40 2037 060
90	3 "	146	160	34	206	932	▲12	20 40 2037 065
110	4 "	176	176	43	233	1645	▲6	20 40 2037 070

quick coupling fittings

Joelhos de redução a 90°

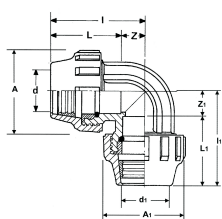
Reducing elbows 90°

Coudes réduction à 90°

Codos 90° reducidos



*20 40 2002 100



d	d1	A	A1	L	L1	Z	Z1	I	I1	Gr	Quant
25	16	54	47	59	56	15	18	74	74	98	•35
25	20	54	47	59	56	15	18	74	74	100	•35
32	25	63	54	58	59	22	24	80	83	147	•20

Nº Código

20 40 2002 104

20 40 2002 105

20 40 2002 110

Uniões telescópicas / Reparação

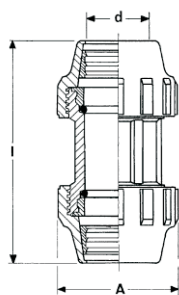
Slip coupling

Manchons de réparation

Manguitos de reparación



*20 40 2185 000



d	A	I	Gr	Quant
50	94	178	414	▲15
63	116	212	770	#17
75	121	281	1062	#14
90	146	293	1580	#8
110	176	354	2800	#4

Nº Código

20 40 2185 050

20 40 2185 063

20 40 2185 075

20 40 2185 090

20 40 2185 110

Adaptador flangeado

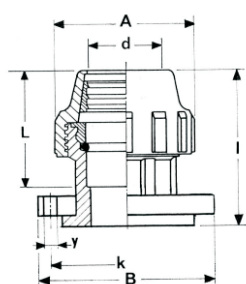
Compression flange

Joint à bride

Enlace brida



*20 40 2200 000



d	A	L	I	B	K	Y	Furos	Gr	Quant
50	94	100	114	150	55	18	4	1140	▲10
63	116	124	138	164	58	18	4	1450	#18
75	121	162	177	183	73	18	4	2027	#10
90	146	167	186	200	80	18	8	2320	#8
110	176	186	210	220	91	18	8	2972	#6

N° Código

20 40 2200 050

20 40 2200 063

20 40 2200 075

20 40 2200 090

20 40 2200 110

Tês com dupla saída roscada

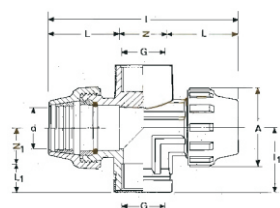
Tees with double female offtake

Tés double taraudage central

Tes 90° derivación doble hembra



* 20 40 2068 000



d	G	A	L	L1	Z	Z1	I	I1	Gr	Quant
32	"3/4	63	61	21	41	38	163	59	211	▲ 30

Nº Código

20 40 2068 014

quick coupling fittings

Chave dupla

Double spanner

Clef double

Llave doble



*20 40 3781 000

Ø

16-63 mm

Nº Código

20 40 3781 005

