

























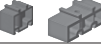



QUICK EASY RELIABLE

ANNEX C

QUICK LINE SYSTEM TECHNICAL DATA SHEETS



C026-2020

			16 mm	20 mm	25 mm	32 mm	40 mm	50 mm	63 mm	80 mm	110 mm	Page	
QUICK LINE SYSTEM TECHNICAL SCHEDULE	QLTUAL	Blue Aluminium pipe 										3	
	QLTUALGY	Grey Aluminium pipe 										3	
	QLTUALG	Green Aluminium pipe 										3	
	QLSCI	Double bend (aluminium), Blue 										3	
	QLMAPA	Coupling 										4	
	QLMASPA	Sliding coupling 										4	
	QLGO90PA	90° Elbow 										5	
	QLGO45PA	45° Elbow 										5	
	QLTEPA	90° Tee 										6	
	QLTRPA	Reducing Tee 		16	16 20	20 25	25 32	32 40	40 50				6
	QLTPPA	Threaded Tee, female thread 		1/2"	1/2"								7
	QLCAPA	End cap 											7
	QLRIDPA	Reduction 			20	25	25	32	50				8
	QLGO90PM	90° Elbow, male threaded 	1/2"	1/2"	3/4"								8
	QLMNPA	Union - male threaded 	1/2"	1/2" 3/4"	1/2" 3/4" 1"	1" 1.1/4"	1" 1.1/4" 1.1/2"	1.1/2" 2"	2"				9
	QLVAM	QL male threaded connection ball valve 	1/2"	1/2"	1/2"								10
	QLVAF	QL female threaded connection ball valve 	1/2" inlet 1/2" outlet	3/4" inlet 1/2" outlet									10
	QLDERPA	Quick branch plug 											11
	DIRDERFF	Quick branch plugs, female threaded outlet 	1/2"										12
	QLPUNM	Quick Line Spigot (aluminium) 	1/2"										13
QLFLEX	Compensator hose, male connection 			1/2"	1/2"	1/2"	1/2" 3/4"	1/2" 3/4" 1"	1/2" 3/4" 1"	3/4" 1"		13	
DIRFEM8CF	Bracket M8 thread insert pieces 	3/8"	1/2" 3/4"	1"	1.1/4"	1.1/2"	2"	2"	3"			14	
DIRSPE	Spacers 											14	
QLCLE	Quick Line nut wrench 											15	
QLMIS	Pipe-Fittings insertion meter d. 16 - 63 											16	
DIRSM	Deburrer and Reamers 											16	

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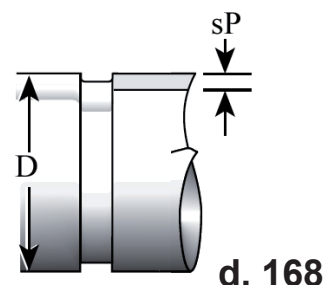
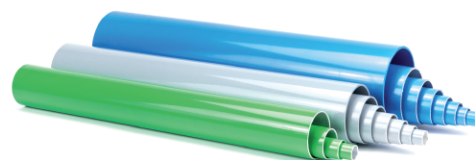
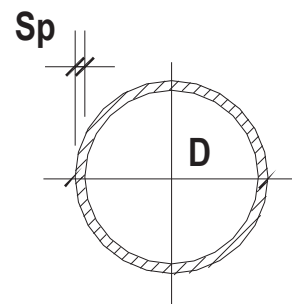
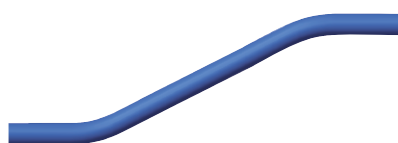
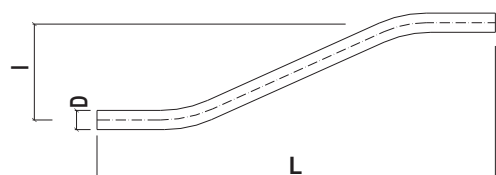
Aluminium Pipes diam 16 ÷ 110 mm

QLTUAL		Blue Aluminium pipe		
Code	Gr/m	D	bar length	sp
QLTUAL4016S	180	16	4	1
QLTUAL4020S	201	20	4	1,3
QLTUAL020S	201	20	6	1,3
QLTUAL4025S	273	25	4	1,4
QLTUAL025S	273	25	6	1,4
QLTUAL4032S	402	32	4	1,5
QLTUAL032S	402	32	6	1,5
QLTUAL4040S	586	40	4	1,8
QLTUAL040S	586	40	6	1,8
QLTUAL4050S	819	50	4	2
QLTUAL050S	819	50	6	2
QLTUAL4063S	1039	63	4	2
QLTUAL063S	1039	63	6	2
QLTUAL080S	1582	80	6	2,4
QLTUAL110S	2367	110	6	2,6
QLTUAL168S	5000	163	6	2,7

QLTUALGY		Grey aluminium pipe		
Code	Gr/m	D	bar length	sp
QLTUALGY020S	201	20	6	1,3
QLTUALGY025S	273	25	6	1,4
QLTUALGY032S	402	32	6	1,5
QLTUALGY040S	586	40	6	1,8
QLTUALGY050S	819	50	6	2
QLTUALGY063S	1039	63	6	2
QLTUALGY080S	1582	80	6	2,4

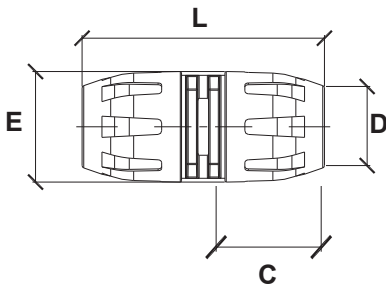
QLTUALG		Green Aluminium pipe		
Code	Gr/m	D	bar length	sp
QLTUALG020S	201	20	6	1,5
QLTUALG025S	273	25	6	1,5
QLTUALG040S	586	40	6	2
QLTUALG063S	1039	63	6	2

QLSCI		Double Bend (Aluminium), Blue		
Code	Gr	D	L	I
QLSCI016	70	16	400	120
QLSCI020	100	20	430	150
QLSCI025	130	25	460	180



Quick Line Fittings diam 16 ÷ 63 mm

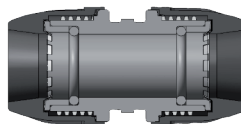
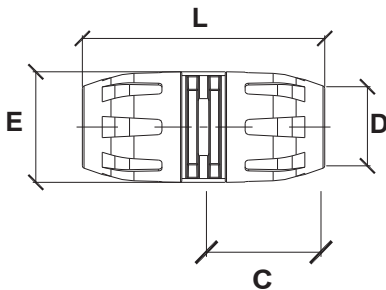
QLMAPA	Coupling				
	Gr	D	L	E	C
QLMAPA016	50	16	81	37	38
QLMAPA020	90	20	98	45	48
QLMAPA025	132	25	106	51	52
QLMAPA032	212	32	124	61	62
QLMAPA040	350	40	142	75	70
QLMAPA050	505	50	161	87	79
QLMAPA063	570	63	170	108	80,5



See video
16 ÷ 63 mm

POLYMER

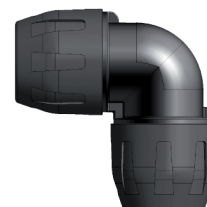
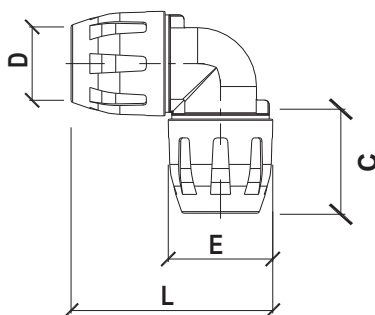
QLMASPA	Sliding Coupling				
	Gr	D	L	E	C
QLMASPA032	212	32	124	61	62
QLMASPA040	350	40	142	75	70
QLMASPA050	505	50	161	87	79
QLMASPA063	570	63	170	108	80,5



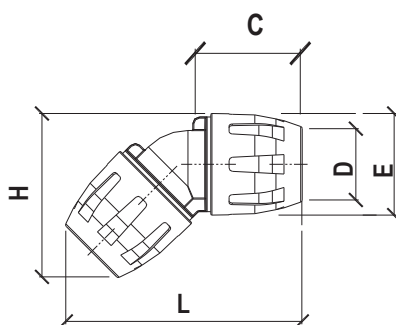
Legend

α	Angular
C	Socket depth
C1	Socket depth 1
D	Socket diameter
D1	Socket diameter 1
Dp	Hollow mill driving diameter
Dpt	Largeness
d	Thread diameter
d1	Thread diameter 1
d2	Thread diameter 2
d3	Thread diameter 3
E	Overall outside diameter ring nut
E1	Overall outside diameter ring nut 1
Gr	Weight in grams
H	Height
On	holes number
L	Length
L1	Length 1
L2	Length 2
L Axial	Axial Length / Wheelbase
I	Misalignment
I1	Misalignment 1
r	Curvature radius (max)

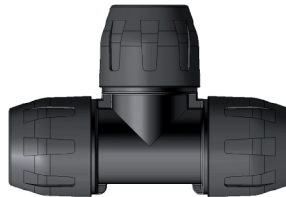
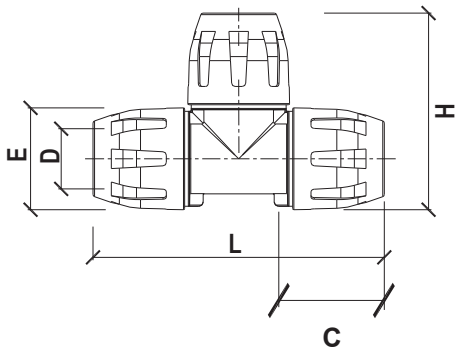
QLGO90PA		90° Elbow				
Code	Gr	D	L	E	C	
QLGO90PA016	70	16	72	37	38	
QLGO90PA020	100	20	86	45	48	
QLGO90PA025	140	25	95	51	52	
QLGO90PA032	240	32	122	61	62	
QLGO90PA040	390	40	130	75	70	
QLGO90PA050	580	50	152	87	79	
QLGO90PA063	800	63	165	108	80,5	



QLGO45PA		45° Elbow				
Code	Gr	D	L	H	E	C
QLGO45PA020	100	20	104	72	45	48
QLGO45PA025	145	25	115	81	51	52
QLGO45PA032	235	32	137	97	61	62
QLGO45PA040	375	40	160	115	75	70
QLGO45PA050	540	50	185	134	87	79
QLGO45PA063	770	63	210	140	108	80,5

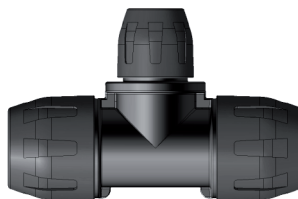
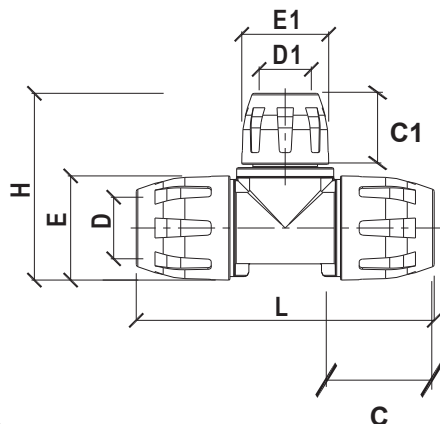


QLTEPA	90° Tee					
Code	Gr	D	L	E	H	C
QLTEPA016	90	16	109	37	73	38
QLTEPA020	160	20	127	45	86	48
QLTEPA025	210	25	140	51	95	52
QLTEPA032	360	32	170	61	122	62
QLTEPA040	565	40	185	75	130	70
QLTEPA050	850	50	216	87	152	79
QLTEPA063	1200	63	235	108	180	80,5



See video
16 ÷ 63 mm

QLTRPA	Reducing Tee								
Codice	Gr	D	D1	L	E	E1	H	C	C1
QLTRPA020016	150	20	16	127	45	38	80	48	38
QLTRPA025016	200	25	16	140	52	38	88	52	38
QLTRPA025020	210	25	20	140	52	45	98	52	48
QLTRPA032020	340	32	20	170	62	45	111	62	48
QLTRPA032025	340	32	25	170	62	52	113	62	52
QLTRPA040020	494	40	20	186	76	45	123	70	53
QLTRPA040025	510	40	25	185	76	52	128	70	52
QLTRPA040032	540	40	32	185	76	62	131	70	62
QLTRPA050020	738	50	20	220	88	45	137	81	50
QLTRPA050025	735	50	25	220	88	52	138	81	58
QLTRPA050032	760	50	32	220	88	62	147	79	62
QLTRPA050040	820	50	40	220	88	76	150	79	70
QLTRPA063020	1027	63	20	235	108	45	153	80	50
QLTRPA063025	1041	63	25	235	108	52	153	80	57
QLTRPA063040	820	63	40	235	108	76	160	80	70
QLTRPA063050	1120	63	50	235	108	87	168	80	79

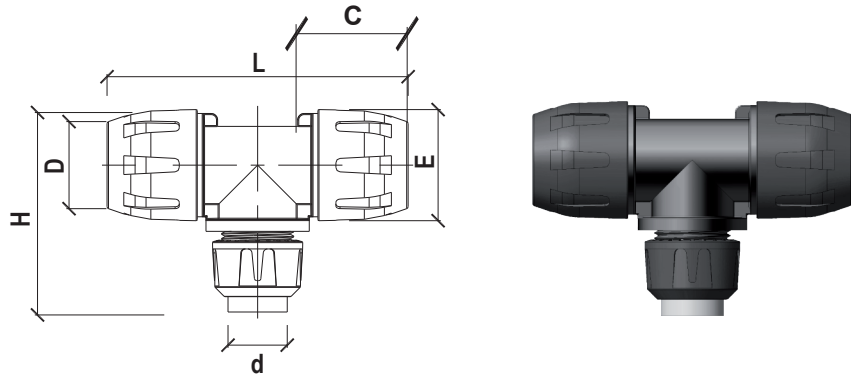


Legend

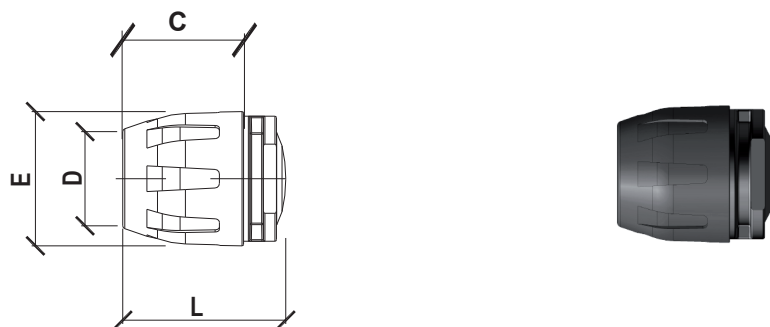
α	Angular
C	Socket depth
C1	Socket depth 1
D	Socket diameter
D1	Socket diameter 1
Dp	Hollow mill driving diameter
Dpt	Largeness
d	Thread diameter
d1	Thread diameter 1
d2	Thread diameter 2
d3	Thread diameter 3
E	Overall outside diameter ring nut
E1	Overall outside diameter ring nut 1
Gr	Weight in grams
H	Height
On	holes number
L	Length
L1	Length 1
L2	Length 2
L Axial	Axial Length / Wheelbase
l	Misalignment
l1	Misalignment 1
r	Curvature radius (max)

QLTPPA		90° threaded Tee					
Code	Gr	D	d	L	E	H	C
QLTPPA020048	160	20	1/2"	127	45	75	48
QLTPPA025048	210	25	1/2"	140	51	80	52

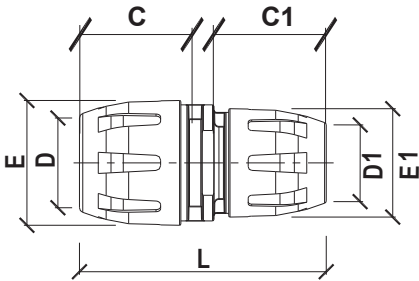
NPT thread available



QLCAPA		End Cap			
Code	Gr	D	L	E	C
QLCAPA016	30	16	50	37	38
QLCAPA020	58	20	54	45	48
QLCAPA025	75	25	60	51	52
QLCAPA032	126	32	71	61	62
QLCAPA040	200	40	78	75	70
QLCAPA050	298	50	85	87	79
QLCAPA063	350	63	90	108	80,5



QLRIDPA		Reduction						
Code	Gr	D	D1	L	E	E1	C	C1
QLRIDPA025020	120	25	20	101	51	45	52	48
QLRIDPA032025	178	32	25	115	61	51	62	52
QLRIDPA040025	230	40	25	125	75	61	70	52
QLRIDPA040032	290	40	32	133	75	51	70	62
QLRIDPA050040	450	50	40	151	87	75	79	70

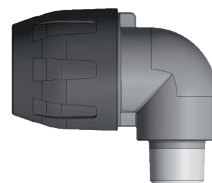
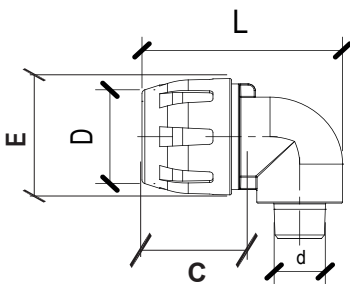


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See video
16 ÷ 63 mm

QLGO90PM		90° Elbow, male thread				
Code	Gr.	D	d	L	E	C
QLGO90PM020048	68	20	1/2"	78	45	48
QLGO90PM025048	95	25	1/2"	87	51	52
QLGO90PM025068	95	25	3/4"	87	51	52



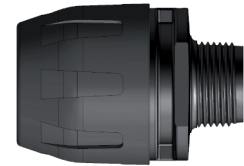
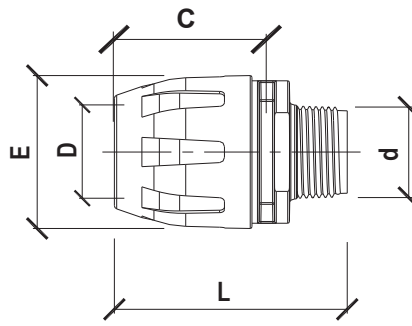
Legend

α	Angular
C	Socket depth
C1	Socket depth 1
D	Socket diameter
D1	Socket diameter 1
Dp	Hollow mill driving diameter
Dpt	Largeness
d	Thread diameter
d1	Thread diameter 1
d2	Thread diameter 2
d3	Thread diameter 3
E	Overall outside diameter ring nut
E1	Overall outside diameter ring nut 1
Gr	Weight in grams
H	Height
On	holes number
L	Length
L1	Length 1
L2	Length 2
L Axial	Axial Length / Wheelbase
l	Misalignment
l1	Misalignment 1
r	Curvature radius (max)

QUICK LINE SYSTEM TECHNICAL SCHEDULE

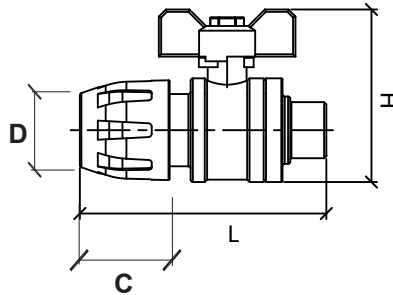
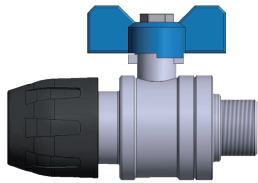
QLMNPA	Union, male threaded					
Code	Gr	D	d	L	E	C
QLMNPA016048	30	16	1/2"	64	37	38
QLMNPA020048	60	20	1/2"	68	45	48
QLMNPA020068	60	20	3/4"	68	45	48
QLMNPA025048	80	25	1/2"	71	51	52
QLMNPA025068	80	25	3/4"	73	51	52
QLMNPA025088	80	25	1"	76	51	52
QLMNPA032088	120	32	1"	85	61	62
QLMNPA032108	130	32	1.1/4"	87	61	62
QLMNPA040088	200	40	1"	96	75	70
QLMNPA040108	200	40	1.1/4"	97	75	70
QLMNPA040128	200	40	1.1/2"	98	75	70
QLMNPA050128	300	50	1.1/2"	108	87	79
QLMNPA050168	290	50	2"	111	87	79
QLMNPA063168	350	63	2"	115	108	80,5

NPT thread available



Quick Line valves

QLVAM		Quick Line male threaded connection ball valve					
Code	Gr.	D	d	L	H	E	C
QLVAM016048	0,220	16	1/2"	103	60	37	38

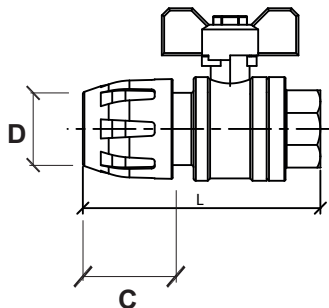
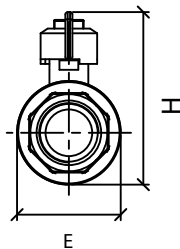
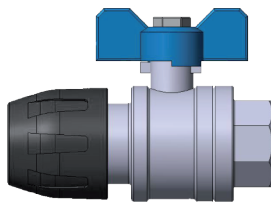


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See video
16 ÷ 63 mm

QLVAF		Quick Line female threaded connection ball valve					
Code	Gr.	D	d	L	H	E	C
QLVAF016048	0,220	16	1/2"	103	60	37	38



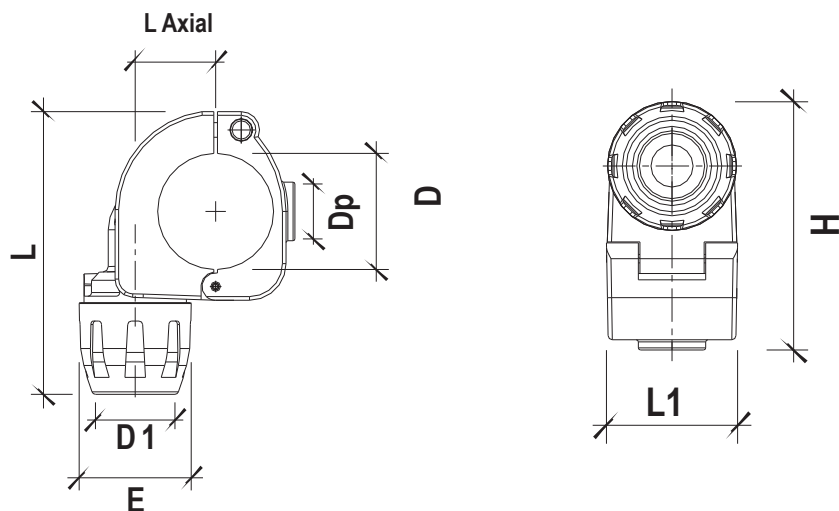
Legend

α	Angular
C	Socket depth
C1	Socket depth 1
D	Socket diameter
D1	Socket diameter 1
Dp	Hollow mill driving diameter
Dpt	Largeness
d	Thread diameter
d1	Thread diameter 1
d2	Thread diameter 2
d3	Thread diameter 3
E	Overall outside diameter ring nut
E1	Overall outside diameter ring nut 1
Gr	Weight in grams
H	Height
On	holes number
L	Length
L1	Length 1
L2	Length 2
L Axial	Axial Length / Wheelbase
I	Misalignment
I1	Misalignment 1
r	Curvature radius (max)

QUICK LINE SYSTEM TECHNICAL SCHEDULE

Quick Branch Plugs

QLDERPA		Quick branch plug							
Code	Gr	D	D1	L	E	L1	Dp	H	L Axial
QLDERPA025016	210	25	16	113	37	52	16	69,5	25
QLDERPA025020	230	25	20	113	45	52	16	69,5	25
QLDERPA032016	200	32	16	113	37	52	16	71	25
QLDERPA032020	220	32	20	113	45	52	16	71	25
QLDERPA040016	250	40	16	125	37	52	20	84	30
QLDERPA040020	270	40	20	125	45	52	20	84	30
QLDERPA040025	280	40	25	125	51	52	20	84	30
QLDERPA050016	420	50	16	145	37	60	20	115	44
QLDERPA050020	420	50	20	145	45	60	20	115	44
QLDERPA050025	430	50	25	145	51	60	20	115	44
QLDERPA063020	400	63	20	145	45	60	20	115	44
QLDERPA063025	410	63	25	145	51	60	20	115	44
QLDERPA063032	420	63	32	148	61	60	20	115	44
QLDERPA080020	1110	80	20	220	45	63	20	168	71
QLDERPA080025	1120	80	25	220	51	63	20	168	71
QLDERPA080032	1130	80	32	220	61	63	20	168	71
QLDERPA110025	1240	110	25	220	51	63	20	168	71
QLDERPA110032	1350	110	32	220	61	63	20	168	71

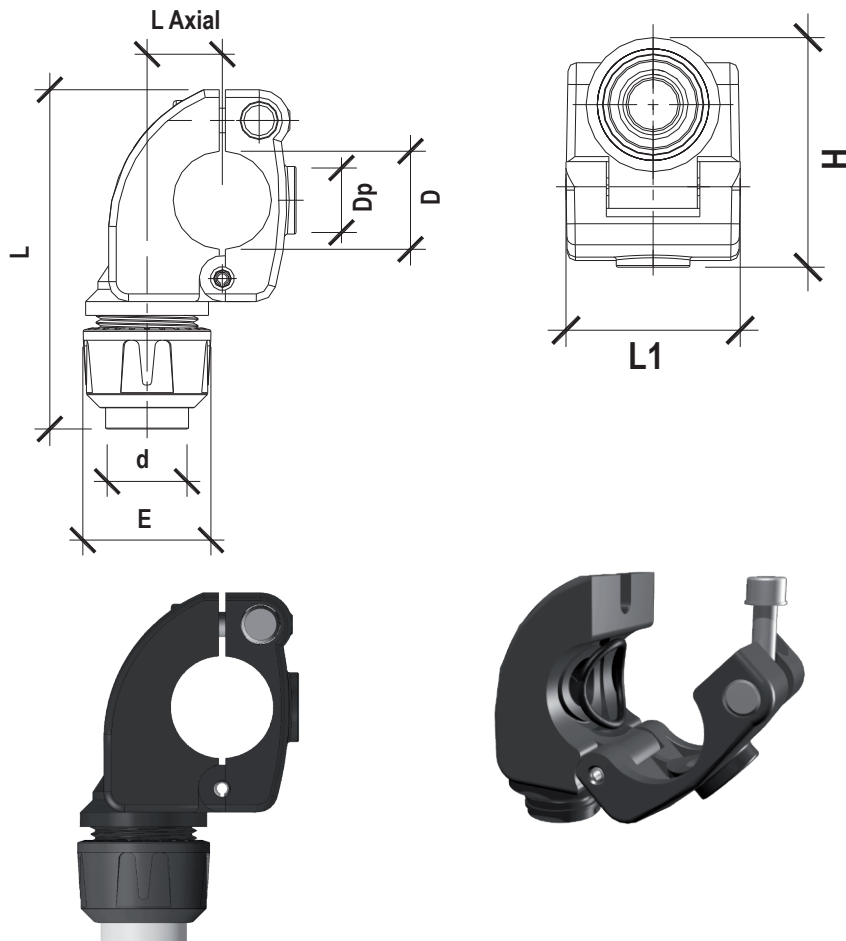


DIRDERFF		Quick branch plug, f thread outlet (aluminium)						
Code	Gr	D	d	L	E	L1	Dp	L Axial
DIRDERFF025048	238	25	1/2"	113	45	52	16	24,5
DIRDERFF032048	217	32	1/2"	113	45	52	16	24,5
DIRDERFF040048	274	40	1/2"	125	45	52	20	29,6
DIRDERFF040068	302	40	3/4"	125	51	52	20	29,6
DIRDERFF050048	402	50	1/2"	145	45	60	20	31
DIRDERFF050068	487	50	3/4"	145	51	60	20	31
DIRDERFF063048	368	63	1/2"	145	45	60	20	43
DIRDERFF063068	396	63	3/4"	145	51	60	20	43
DIRDERFF063088	620	63	1"	148	61	60	20	43
DIRDERFF080048	1191	80	1/2"	220	45	63	20	71
DIRDERFF080068	1153	80	3/4"	220	51	63	20	71
DIRDERFF080088	1160	80	1"	220	61	63	20	71
DIRDERFF110068	900	110	3/4"	220	51	63	20	71
DIRDERFF110088	900	110	1"	220	61	63	20	71

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See video
Quick branch plugs



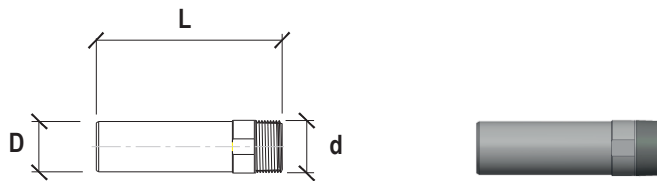
Legend

α	Angular
C	Socket depth
C1	Socket depth 1
D	Socket diameter
D1	Socket diameter 1
Dp	Hollow mill driving diameter
Dpt	Largeness
d	Thread diameter
d1	Thread diameter 1
d2	Thread diameter 2
d3	Thread diameter 3
E	Overall outside diameter ring nut
E1	Overall outside diameter ring nut 1
Gr	Weight in grams
H	Height
On	holes number
L	Length
L1	Length 1
L2	Length 2
L Axial	Axial Length / Wheelbase
l	Misalignment
l1	Misalignment 1
r	Curvature radius (max)

QUICK LINE SYSTEM TECHNICAL SCHEDULE

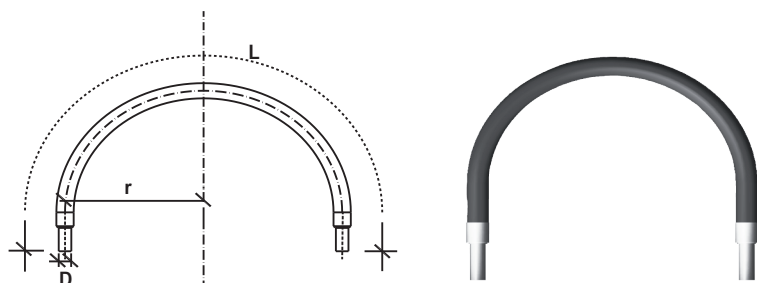
Quick Line Accessories

QLPUNM	Male threaded Quick Line Spigot (aluminium)			
Code	Gr.	D	d	L
QLPUNM016038	20	16	3/8"	76,5
QLPUNM020048	39	20	1/2"	94,5
QLPUNM020068	54	20	3/4"	96
QLPUNM025088	86	25	1"	108
QLPUNM032108	168	32	1.1/4"	125
QLPUNM040128	175	40	1.1/2"	136
QLPUNM050168	390	50	2"	148
QLPUNM063168	477	63	2"	158
QLPUNM080248	732	80	3"	171,5

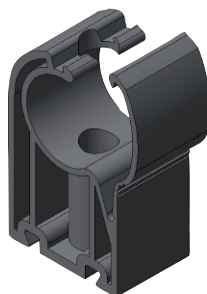
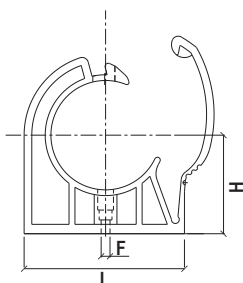


QLFLEX	Compensator hose, male connection					
Code	Gr	D	< r >		l1*	L
QLFLEX020	809	20	15	20	± 100	800
QLFLEX025	925	25	18	25	± 140	820
QLFLEX032	1200	32	23	32	± 180	960
QLFLEX040	1580	40	29	38	± 180	1200
QLFLEX050	3400	50	36	47	± 220	1430
QLFLEX063	4800	63	45	59	± 240	1650

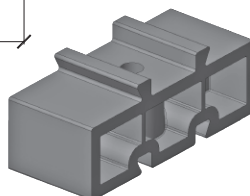
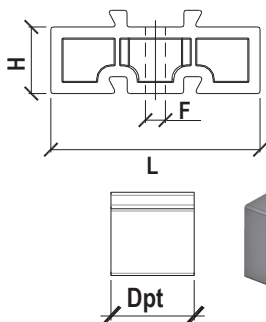
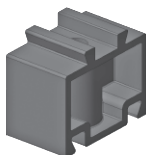
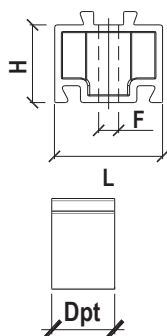
* axial seismic movement



DIRFEM8CF		Bracket M8 thread insert pieces				
Code	Gr	D	L	H	F	Dpt
DIRFEM8016CF	9	16	31	35	9	30
DIRFEM8020CF	20	20	31	35	9	30
DIRFEM8025CF	30	25	38	35	9	30
DIRFEM8032CF	70	32	49	35	9	30
DIRFEM8040CF	80	40	60	70	9	40
DIRFEM8050CF	85	50	75	70	9	40
DIRFEM8063CF	110	63	94	70	9	40
DIRFEM8075CF	260	75	118	100	9	49
DIRFEM8080CF	250	80	120	100	9	49
DIRFEM8090CF	240	90	120	100	9	49
DIRFEM8110CF	330	110	163	100	9	49



DIRSPE		Spacers				
Code	Gr	D	L	H	F	Dpt
DIRSPE020032	19	20-32	49	35	9	30
DIRSPE040063	55	40-63	94	30	9	40

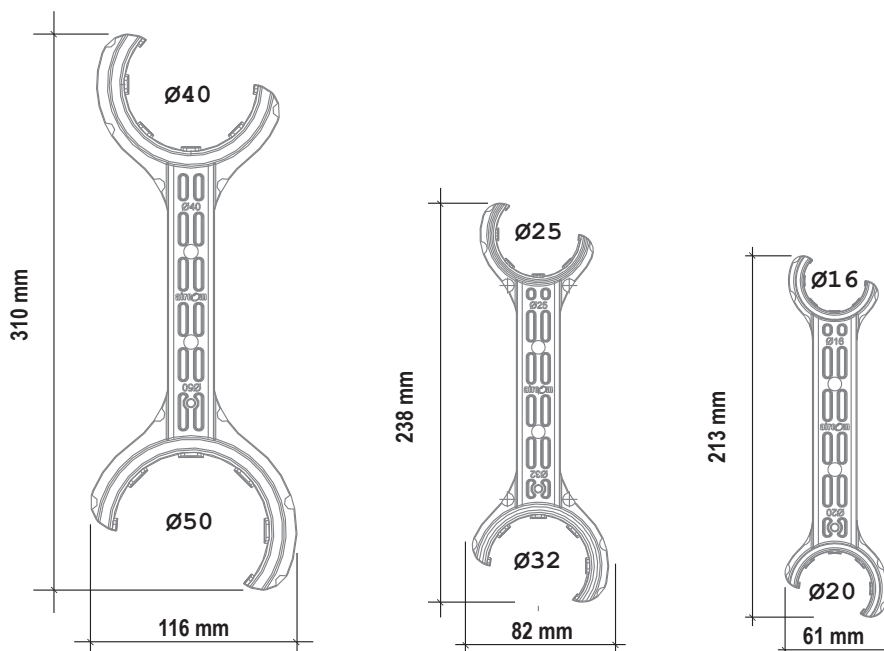


Legend

α	Angular
C	Socket depth
C1	Socket depth 1
D	Socket diameter
D1	Socket diameter 1
Dp	Hollow mill driving diameter
Dpt	Largeness
d	Thread diameter
d1	Thread diameter 1
d2	Thread diameter 2
d3	Thread diameter 3
E	Overall outside diameter ring nut
E1	Overall outside diameter ring nut 1
Gr	Weight in grams
H	Height
On	holes number
L	Length
L1	Length 1
L2	Length 2
L Axial	Axial Length / Wheelbase
l	Misalignment
l1	Misalignment 1
r	Curvature radius (max)

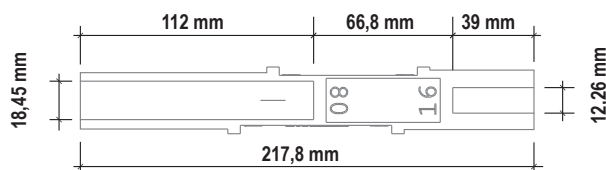
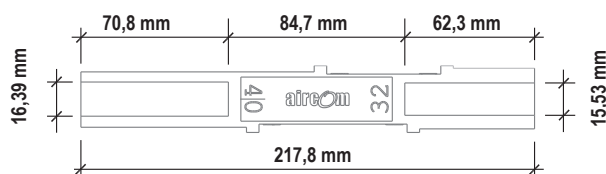
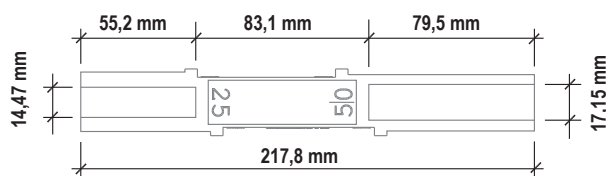
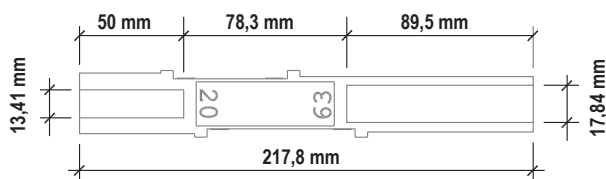
Quick Line Tools

QLCLE	Quick Line nut wrench for Aircom fittings	
Code	Gr.	D
QLCLE016020	0,065	16-20
QLCLE025032	0,090	25-32
QLCLE040050	0,090	40-50
QLCLE063	0,150	63



QLMIS	Pipe-fittings insertion meter D 16-80	
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Code	Gr.	D
QLMIS016080	100	16-80



DIRSM	Deburrers and Reamers	
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Code	Gr.	D
DIRSM016050	0,420	16-50
DIRSM063110	0,617	63-110



Legend

α	Angular
C	Socket depth
C1	Socket depth 1
D	Socket diameter
D1	Socket diameter 1
Dp	Hollow mill driving diameter
Dpt	Largeness
d	Thread diameter
d1	Thread diameter 1
d2	Thread diameter 2
d3	Thread diameter 3
E	Overall outside diameter ring nut
E1	Overall outside diameter ring nut 1
Gr	Weight in grams
H	Height
On	holes number
L	Length
L1	Length 1
L2	Length 2
L Axial	Axial Length / Wheelbase
I	Misalignment
I1	Misalignment 1
r	Curvature radius (max)



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