GeoFittings

ELECTROFUSION CATALOGUE



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Our production plant pays particular attention to quality; therefore, since its inception, the Company has maintained an ISO 9001-certified Quality Management System. The manufacturing process takes place in a modern production hall equipped with machines and devices that meet all requirements of applicable standards and legal regulations.

GeoFittings are manufactured using raw materials and components of the highest quality and undergo all necessary tests, approvals, and certifications, allowing them to be sold in European Union countries.



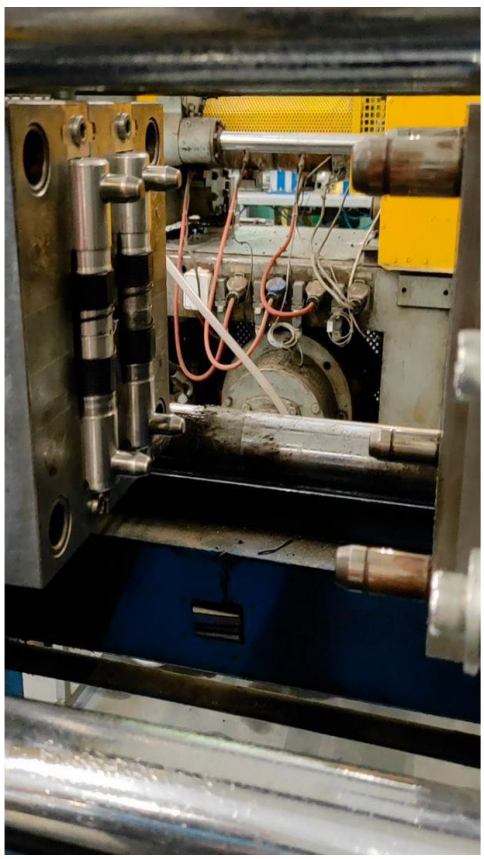
What makes us stand out ?

➢ Raw materials and materials of the highest quality Improved production technology and ease of assembly
➢ 100% quality control
➢ Full Traceability
➢ Innovative products
➢ Pro-environmental approach
➢ Comprehensive service Individual approach to the client











GEOFITTINGS SYSTEM

GeoFittings is a new proposal. It is a system of electrofusion fittings, butt fittings and polyethylene adapters. These products are manufactured from the highest quality raw materials and materials of the highest quality and comply with applicable standards and legal regulations, which is confirmed by appropriate certificates and approvals. The fittings are tested on an ongoing basis in the internal laboratory and by accredited external laboratories. GeoFittings system products are new generation fittings, improved technologies, 100% quality control and full traceability that guarantee the best purchase.

Taking care of the natural environment, we pack our products only in ecological or recycled packaging, and during production we minimize the amount of water and energy consumption and the amount of waste produced.



ISO CERTIFICATE



HIGIENIC CERTIFICATE FITTINGS



NATIONAL DECLARATION OF PERFORMANCE FOR WATER FITTINGS



NATIONAL DECLARATION OF PERFORMANCE FOR GAS FITTINGS



ELECTROFUSION FITTINGS TESTS



RAW MATERIAL

Black PE100 RC polyethylene, in accordance with PN-EN 12201-1 and PN-EN 1555-1.

TECHNICAL DATA

PARAMETR	PROPERTIES	UNIT	TEST METHOD
DENSITY	> 930	kg/m^3	ISO 1183-1
MFR	0,3 ± 0,1	g/ 10 min	ISO 1133
OIT	> 20	Min	EN ISO 11357-6

QUALITY REQUIREMENTS

Fittings meet the requirements of EN 12201-3 and EN 1555-3.

The measurement of geometric features of fittings is performed in accordance with EN ISO 3126

INTERNAL PRESSURE RESISTANCE

	MOP	
	GAS	WATER
SDR 11	10 bar	16 bar
SDR 17	6 bar	10 bar

MARKING

DATA	FEATURE OR SYMBOL
SYSTEM STANDARD NUMBER	EN 12201 -3 / EN 1555-3
TRADEMARK	GEOFITTINGS
NOMINAL DIAMETER	eg. 110
MATERIAL AND MARKING	eg. PE 100
DESIGN SERIES OF SDR	eg. SDR 11
POSSIBLE SDR RANGE OF PIPES TO BE WELDED	eg. SDR 11 - SDR 17
DATE OF PRODUCTION	eg. 02.2021
DESTINATION - SENT MEDIUM	GAS / WATER

WELDING RECOGNITION SYSTEM

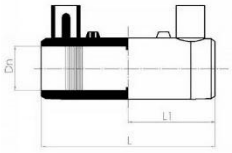
The welded electrofusion fittings are coded on the label; the system complies with ISO 13950 for automatic fusion recognition.

ELECTROFUSION COUPLER

GeoFittings

· Connection terminals 4,0 mm · Welding indicators · EN 1555-3 · EN 12201-3

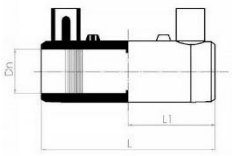




➢ 16 bar WATER

➢ 10 bar GAS





➢ 10 bar WATER

➢ 6 bar GAS

SDR 11

PRODUCT CODE	DN [MM]	L [MM]	L1 [MM]
30111020	20	75	36
30111025	25	75	36
30111032	32	75	36
30111040	40	106	51
30111050	50	118	56
30111063	63	121	57
30111075	75	119	56
30111090	90	145	68
30111110	110	147	71
30111125	125	166	79
30111140	140	174	84
30111160	160	180	87
30111180	180	192	94
30111200	200	209	102
30111225	225	218	107
30111250	250	248	122
30111280	280	252	124
30111315	315	267	131
30111355	355	290	143
30111400	400	294	145
30111450	450	327	161
30111500	500	358	176
30111560	560	396	196
30111630	630	440	218

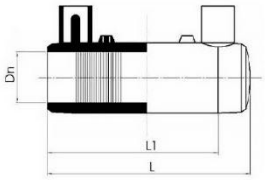
SDR 17

PRODUCT CODE	DN [MM]	L [MM]	L1 [MM]
30117110	110	146	70
30117125	125	166	80
30117140	140	174	84
30117160	160	183	88
30117180	180	195	93
30117200	200	209	102
30117225	225	218	107
30117250	250	227	110
30117280	280	252	124
30117315	315	260	128
30117355	355	292	144
30117400	400	295	145
30117450	450	327	161
30117500	500	358	177
30117560	560	396	196
30117630	630	440	218

ELECTROFUSION END CAP AND REDUCER

· Connection terminals 4,0 mm · Welding indicators · EN 1555-3 · EN 12201-3





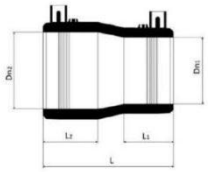
➢ 16 bar WATER

➢ 10 bar GAS

SDR 11

PRODUCT CODE	DN [MM]	L [MM]	L1 [MM]
30211020	20	-	-
30211025	25	83	40
30211032	32	88	43
30211040	40	79	48
30211050	50	120	53
30211063	63	124	62
30211075	75	124	70
30211090	90	148	79
30211110	110	151	82
30211125	125	204	79
30211140	140	-	-
30211160	160	221	87
30211180	180	-	-
30211200	200	-	-
30211225	225	-	-
30211250	250	-	-
30211280	280	256	
30211315	315	-	-





➢ 16 bar WATER

➢ 10 bar GAS

SDR 11

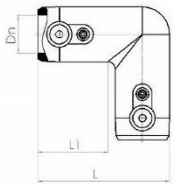
PRODUCT CODE	DN1/DN2 [MM]	L [MM]	L1 [MM]	L2 [MM]
30311520	25/20	105	41	41
30311220	32/20	105	41	41
30311225	32/25	105	39	44
30311425	40/25	116	49	41
30311432	40/32	116	40	48
30311525	50/25	129	48	41
30311532	50/32	129	48	55
30311540	50/40	129	48	55
30311625	63/25	125	42	57
30311632	63/32	125	42	57
30311640	63/40	128	49	58
30311650	63/50	128	49	58
30311550	75/50	156	58	72
30311563	75/63	156	58	72
30311963	90/63	170	58	77
30311975	90/75	156	69	78
30311163	110/63	205	73	90
30311190	110/90	173	75	86
30311590	125/90	216	85	89
30311510	125/110	224	89	98
30311140	140/125	224	91	100
30311169	160/90	-	-	-
30311161	160/110	227	89	115
30311162	160/125	233	92	100
30311164	160/140	233	95	99
30311240	200/140	446	223	-
30311260	200/160	456	218	-
30311560	225/160	-	-	-
30311500	225/200	484	211	-
30311560	250/160	520	242	-
30311520	250/200	530	242	-
30311360	315/160	555	278	-
30311300	315/200	576	283	-
30311350	315/250	580	278	-

ELECTROFUSION ELBOW 90° AND 45°

GeoFittings

· Connection terminals 4,0 mm · Welding indicators · EN 1555-3 · EN 12201-3





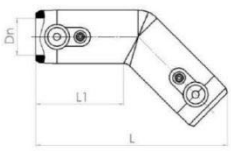
➢ 16 bar WATER

➢ 10 bar GAS

SDR 11

PRODUCT CODE	Dn [mm]	L [mm]	L1 [mm]
30411020	20	44	34
30411025	25	83	40
30411032	32	86	40
30411040	40	97	47
30411050	50	113	53
30411063	63	141	61
30411075	75	161	69
30411090	90	167	65
30411110	110	200	70
30411125	125	230	87
30411140	140	238	75
30411160	160	273	91
30411180	180	-	-
30411200	200	-	-
30411225	225	-	-
30411250	250	-	-
30411315	315	468	133





➢ 16 bar WATER

➢ 10 bar GAS

SDR 11

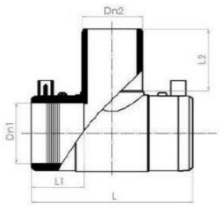
PRODUCT CODE	DN [MM]	L [MM]	L1 [MM]
30511020	20		34
30511025	25	103	40
30511032	32	121	43
30511040	40	135	47
30511050	50	153	53
30511063	63	178	61
30511075	75	183	62
30511090	90	200	74
30511110	110	226	74
30511125	125	231	76
30511140	140	-	-
30511160	160	295	90
30511180	180	-	-
30511200	200	-	-
30511225	225	-	-
30511250	250	-	-
30511315	315	373	133

ELECTROFUSION TEE EQUAL AND TEE REDUCER

GeoFittings

· Connection terminals 4,0 mm · Welding indicators · EN 1555-3 · EN 12201-3

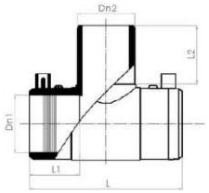




➢ 16 bar WATER

➢ 10 bar GAS





➢ 16 bar WATER

➢ 10 bar GAS

SDR 11

PRODUCT CODE	DN1/DN2 [MM]	L [MM]	L1 [MM]
30611020*	20/20	-	-
30611025	25/25	-	-
30611032	32/32	-	-
30611040	40/40	130	48
30611050	50/50	150	54
30611063	63/63	175	60
30611075	75/75	194	66
30611090	90/90	223	69
30611110	110/110	242	72
30611125	125/125	275	72
30611140	140/140	-	-
30611160	160/160	-	-
30611180	180/180	-	-
30611200	200/200	-	-
30611225	225/225	-	-
30611250	250/250	-	-
30611380	315/380	935	155

SDR 11

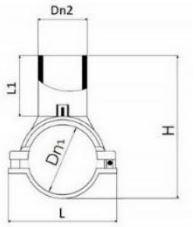
PRODUCT CODE	DN1/DN2 [MM]	L [MM]	L1 [MM]
30711220	25/20	-	-
30711320	32/20	-	-
30711325	32/25	-	-
30711425	40/25	130	48
30711432	40/32	130	48
30711525	50/25	150	54
30711532	50/32	150	54
30711540	50/40	150	54
30711632	63/32	161	49
30711640	63/40	161	49
30711650	63/50	161	49
30711750	75/50	195	66
30711763	75/63	195	66
30711963	90/63	223	70
30711975	90/75	223	70
30711120	110/20	393	35
30711125	110/25	393	55
30711163	110/63	242	72
30711175	110/75	242	72
30711190	110/90	242	72
30711263	125/63	272	71
30711275	125/75	272	71
30711290	125/90	272	71
30711210	125/110	272	71
30711663	160/63	330	89
30711690	160/90	-	-
30711610	160/110	-	-
30711090	200/90	-	-
30711010	200/110	-	-
30711060	200/160	-	-
30711290	225/90	-	-
30711210	225/110	-	-
30711260	225/160	-	-
30711510	250/110	-	-
30711560	250/160	-	-
30711310	315/110	775	80
30711360	315/160	780	100
30711300	315/200	775	120
30711325	315/250	930	125

BRANCH SADDLE AND TAPPING TEE

GeoFittings

· Connection terminals 4,0 mm · Welding indicators · EN 1555-3 · EN 12201-3

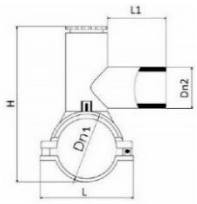




➢ 16 bar WATER

➢ 10 bar GAS





➢ 16 bar WATER

➢ 10 bar GAS

SDR 11

PRODUCT CODE	DN1/DN2 [MM]	L1 [MM]	H [MM]
30811620	63/20	-	-
30811632	63/32	47	170
30811752	75/32	51	183
30811902	90/32	91	194
30811900	90/40	93	194
30811963	90/63	91	250
30811112	110/32	94	211
30811110	110/40	93	211
30811113	110/63	68	211
30811122	125/32	87	244
30811120	125/40	97	245
30811123	125/63	63	245
30811162	160/32	87	285
30811163	160/63	69	308
30811182	180/32	-	-
30811183	180/63	-	-
30811232	200/32	-	-
30811263	200/63	-	-
30811290	200/90	-	-
30811532	225/32	-	-
30811563	225/63	-	-
30811253	250/32	-	-
30811256	250/63	-	-
30811286	280/63	-	-
30811289	280/90	-	-
30811363	315/63	-	-
30811390	315/90	-	-

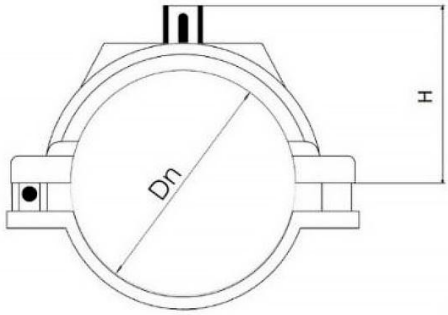
SDR 11

PRODUCT CODE	DN1/DN2 [MM]	L1 [MM]	H [MM]
30911320	32/20	-	-
30911420	40/20	50	149
30911425	40/25	-	-
30911432	40/32	-	-
30911520	50/20	-	-
30911525	50/25	-	-
30911532	50/32	-	-
30911620	63/20	56	192
30911625	63/25	-	-
30911632	63/32	-	-
30911640	63/40	-	-
30911650	63/50	-	-
30911663	63/63	-	-
30911720	75/20	-	-
30911725	75/25	-	-
30911732	75/32	-	-
30911740	75/40	-	-
30911750	75/50	-	-
30911763	75/63	-	-
30911925	90/25	-	-
30911932	90/32	-	-
30911940	90/40	-	-
30911950	90/50	-	-
30911963	90/63	90	252
30911132	110/32	106	271
30911140	110/40	98	275
30911163	110/63	79	270
30911232	125/32	91	315
30911240	125/40	90	315
30911263	125/63	101	315
30911632	160/32	103	326
30911166	160/63	69	323
30911863	180/63	-	-
30911063	200/63	-	-
30911563	225/63	107	426
30911256	250/63	-	-
30911286	280/63	-	-
30911363	315/63	-	-

REPAIR SADDLE

· Connection terminals 4,0 mm · Welding indicators





➢ 16 bar WATER

➢ 10 bar GAS

SDR 11

PRODUCT CODE	DN [MM]	H [MM]
31011063	63	60
31011075	75	62
31011090	90	66
31011110	110	73
31011160	160	64

TAPPING TEE WITH VALVE

SDR 11

PRODUCT CODE	DN1/DN2 [MM]	L1 [MM]	H [MM]
30911090	90/63	-	
30911116	110/63	-	
30911126	125/63		
30911463	140/63	-	
30911160	160/63		
30911180	180/63		
30911206	200/63	-	
30911226	225/63	-	
30911250	250/63	-	
30911280	280/63	-	
30911315	315/63	-	



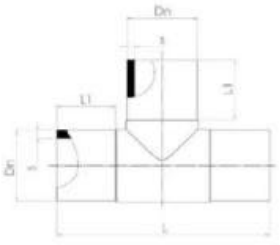
➢ 16 bar WATER

➢ 10 bar GAS

SPIGOT TEE EQUAL

· EN 1555-3 · EN 12201-3

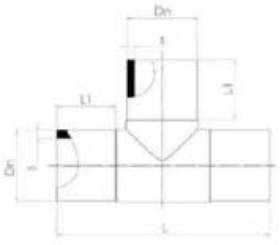




➢ 16 bar WATER

➢ 10 bar GAS





➢ 10 bar WATER

➢ 6 bar GAS

SDR 11

PRODUCT CODE	DN [MM]	L [MM]	L1 [MM]	SMIN [MM]
32011032	32	36	55	-
32011040	40	92	55	-
32011050	50	108	62	-
32011063	63	110	62	-
32011075	75	125	70	-
32011090	90	283	82	8,2
32011110	110	312	91	10,0
32011125	125		-	11,4
32011140	140		-	12,7
32011160	160		-	14,6
32011180	180		-	16,4
32011200	200		-	18,2
32011225	225		-	20,5
32011250	250		-	22,7
32011280	280		-	25,4
32011315	315		-	28,6
32011355	355		-	32,3
32011400	400		-	36,3

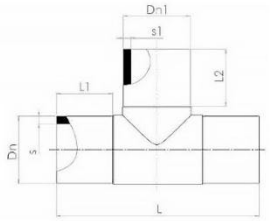
SDR 17

PRODUCT CODE	DN [MM]	L [MM]	L1 [MM]	SMIN [MM]
32017050	32	36	55	-
32017050	40	92	55	-
32017050	50	100	60	-
32017063	63	110	62	-
32017075	75	125	70	-
32017090	90	283	82	5,4
32017110	110	312	91	6,6
32017125	125		-	7,4
32017140	140		-	8,3
32017160	160		-	9,5
32017180	180		-	10,7
32017200	200		-	11,9
32017225	225		-	13,4
32017250	250		-	14,8
32017280	280		-	16,6
32017315	315		-	18,7
32017355	355		-	21,1
32017400*	400		-	23,7

SPIGOT TEE REDUCER

· EN 1555-3 · EN 12201-3

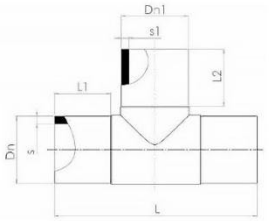




➢ 16 bar WATER

➢ 10 bar GAS





➢ 10 bar WATER

➢ 6 bar GAS

SDR 11

PRODUCT CODE	DN / DN1 [MM]	L [MM]	L1 [MM]	L2 [MM]	SMIN / S1MIN [MM]
32011432	40/32	55	-	-	3,7 / 2,0
32011532	50/32	61	-	-	4,6 / 3,0
32011632	63/32	65	-	-	5,8 / 3,0
32011763	75/63	69	-	-	6,8 / 3,7
32011963	90/63	283	82	73	8,2 / 5,8
32011975	90/75	80	-	-	3,2 / 6,3
32011163	100/63	312	92	86	10,0 / 5,8
32011190	110/90	366	92	80	10,0 / 8,2
32011290	125/90	-	-	-	11,4 / 8,2
32011210	125/110	-	-	-	11,4 / 10,0
32011663	160/63	-	-	-	14,6 / 5,8
32011675	160/75	-	-	-	14,6 / 6,8
32011690	160/90	-	-	-	14,6 / 8,2
32011610	160/110	-	-	-	14,6 / 10,0
32011890	180/90	-	-	-	16,4 / 8,2
32011810	180/110	-	-	-	16,4 / 10,0
32011860	180/160	-	-	-	16,4 / 14,6
32011063	200/63	-	-	-	18,2 / 5,8
32011090	200/90	-	-	-	18,2 / 8,2
32011010	200/110	-	-	-	18,2 / 10,0
32011060	200/160	-	-	-	18,2 / 14,6
32011275	225/75	-	-	-	20,5 / 6,8
32011290	225/90	-	-	-	20,5 / 8,2
32011210	225/110	-	-	-	20,5 / 10,0
32011260	225/160	-	-	-	20,5 / 14,6
32011280	225/180	-	-	-	20,5 / 16,4
32011510	250/110	-	-	-	22,7 / 10,0
32011560	250/160	-	-	-	22,7 / 14,6
32011310	315/110	140	-	-	28,6 / 10,0
32011360	315/160	140	-	-	28,6 / 14,6
32011325	315/225	-	-	-	28,6 / 20,5
32011350	315/250	-	-	-	28,6 / 22,7

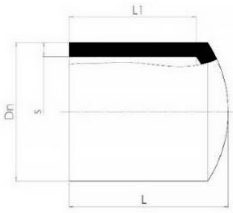
SDR 17

PRODUCT CODE	DN / DN1 [MM]	L [MM]	L1 [MM]	L2 [MM]	SMIN / S1MIN [MM]
32017432	40/32	55	-	-	
32017532	50/32	61	-	-	
32017632	63/32	65	-	-	
32017763	75/63	69	-	-	
32017963	90/63	283	82	73	5,4 / 3,8
32017163	100/63	312	92	86	6,6 / 3,8
32017190	110/90	366	92	80	6,6 / 5,4
32017210	125/110	-	-	-	7,4 / 6,6
32017663	160/63	-	-	-	9,5 / 3,8
32017675	160/75	-	-	-	9,5 / 4,5
32017690	160/90	-	-	-	9,5 / 5,4
32017610	160/110	-	-	-	9,5 / 6,6
32017890	180/90	-	-	-	10,7 / 5,4
32017860	180/160	-	-	-	10,7 / 9,5
32017063	200/63	-	-	-	11,9 / 3,8
32017090	200/90	-	-	-	11,9 / 5,4
32017010	200/110	-	-	-	11,9 / 6,6
32017060	200/160	-	-	-	11,9 / 9,5
32017075	225/75	-	-	-	13,4 / 4,5
32017090	225/90	-	-	-	13,4 / 5,4
32017210	225/110	-	-	-	13,4 / 6,6
32017260	225/160	-	-	-	13,4 / 9,5
32017280	225/180	-	-	-	13,4 / 10,7
32017510	250/110	-	-	-	14,8 / 6,6
32017560	250/160	-	-	-	14,8 / 9,5
32017310	315/110	140	-	-	18,7 / 6,6
32017360	315/160	140	-	-	18,7 / 9,5
32017325	315/225	-	-	-	18,7 / 13,4
32017350	315/250	-	-	-	18,7 / 14,8

SPIGOT END CAP LONG

· EN 1555-3 · EN 12201-3





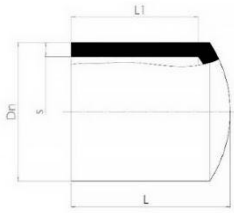
➢ 16 bar WATER

➢ 10 bar GAS

SDR 11

PRODUCT CODE	DN [MM]	L [MM]	SMIN [MM]
32111020	20	40	2,0
32111025	25	44	3,0
32111032	32	54	3,3
32111040	40	56	3,9
32111050	50	62,5	5,0
32111063	63		5,8
32111075	75	-	6,8
32111090	90	-	8,2
32111110	110	98	10,0
32111125	125	105	11,4
32111140	140	-	12,7
32111160	160	120	14,6
32111180	180		16,4
32111200	200		18,2
32111225	225		20,5
32111250	250		22,7
32111280	280		25,4
32111315	315		28,6





➢ 10 bar WATER

➢ 6 bar GAS

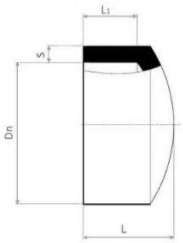
SDR 17

PRODUCT CODE	DN [MM]	L [MM]	SMIN [MM]
32117020	20	40	
32117025	25	44	
32117032	32	54	
32117040	40	56	
32117050	50	62,5	
32117063	63		5,8
32117075	75	-	4,5
32117090	90	-	5,4
32117110	110	98	6,6
32117125	125	105	7,4
32117140	140	-	83
32117160	160	120	93
32117180	180	-	10,7
32117200	200	-	11,9
32117225	225	-	13,4
32117250	250	-	14,8
32117280	280	-	16,6
32117315	315	-	18,7

SPIGOT END CAP SHORT

· EN 1555-3 · EN 12201-3

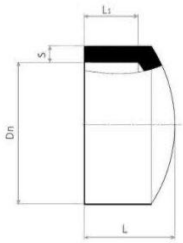




➢ 16 bar WATER

➢ 10 bar GAS





➢ 10 bar WATER

➢ 6 bar GAS

SDR 11

PRODUCT CODE	DN [MM]	L [MM]	SMIN [MM]
32111009	90	50	8,2
32111011	110	55	10,0
32111126	125	60	11,4
32111141	140	60	12,7
32111161	160	80	14,6
32111181	180	60	16,4
32111201	200	60	18,2
32111226	225	60	20,5
32111251	250	60	22,7
32111281	280	75	25,4
32111316	315	75	28,6

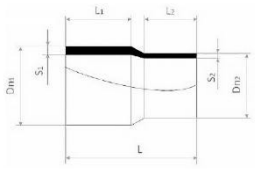
SDR 17

PRODUCT CODE	DN [MM]	L [MM]	SMIN [MM]
32117009	90	50	5,4
32117011	110	55	6,6
32117126	125	60	7,4
32117141	140	60	83
32117161	160	80	93
32117181	180	60	10,7
32117201	200	60	11,9
32117226	225	60	13,4
32117251	250	60	143
32117281	280	75	16,6
32117316	315	75	18,7

SPIGOT REDUCER LONG

· EN 1555-3 · EN 12201-3





➢ 16 bar WATER

➢ 10 bar GAS

SDR 11

PRODUCT CODE	DN / DN1 [MM]	L [MM]	L1 [MM]	L2 [MM]	SMIN / S1MIN [MM]
32511432	40/32	140	70	50	3,7/3,0
32511532	50/32	153	71	52	4,6/3,0
32511540	50/40	150	70	52	4,6/3,7
32511632	63/32	136	65	53	5,8/3,0
32511640	63/40	130	65	57	5,8/3,7
32511650	63/50	150	65	63	5,8/4,6
32511763	75/63	147	72	65	6,8/5,8
32511907	90/75	163	81	70	8,2/6,8
32511116	110/63	179	86	65	10,0/5,8
32511117	110/75	177	86	70	10,0/6,8
32511119	110/90	176	90	89	10,0/8,2
32511126	125/63	187	87	63	11,4/5,8
32511129	125/90	192	92	81	11,4/8,2
32511121	125/110	193	92	86	11,4/10,0
32511149	140/90	245	110	79	12,7/8,2
32511141	140/110	245	110	88	12,7/10,0
32511142	140/125	245	110	90	12,7/11,4
32511169	160/90	218	120	79	14,6/8,2
32511161	160/110	225	102	86	14,6/10,0
32511162	160/125	229	102	90	14,6/11,4
32511164	160/140	229	120	110	14,6/12,7
32511189	180/90	240	105	79	16,4/8,2
32511181	180/110	270	105	82	16,4/10,0
32511182	180/125	270	107	92	16,4/11,4
32511186	180/160	270	120	110	16,4/14,6
32511206	200/160	260	117	102	18,2/14,6
32511208	200/180	265	117	107	18,2/16,4
32511221	225/110	300	130	94	20,5/10,0
32511226	225/160	305	122	102	20,5/14,6
32511228	225/180	310	122	107	20,5/16,4
32511222	225/200	300	122	117	20,5/18,2
32511256	250/160	320	130	100	22,7/14,6
32511258	250/180	335	130	105	22,7/16,4
32511250	250/200	320	130	112	22,7/18,2
32511252	250/225	320	130	120	22,7/20,5
32511285	280/250	355	140	130	25,4/22,7
32511312	315/225	375	150	120	28,6/20,5
32511315	315/250	375	150	130	28,6/22,7
32511318	315/280	380	150	139	28,6/25,4

GeoFittings

➢ 10 bar WATER, 6 bar GAS

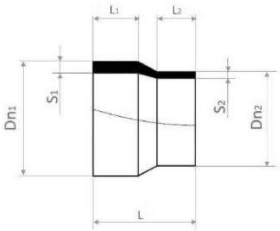
SDR 17

PRODUCT CODE	DN / DN1 [MM]	L [MM]	L1 [MM]	L2 [MM]	SMIN / S1MIN [MM]
32517432	40/32	140	70	50	
32517532	50/32	153	71	52	
32517540	50/40	150	70	52	
32517632	63/32	136	65	53	3,8/3,0
32517640	63/40	130	65	57	3,8/2,4
32517650	63/50	150	65	63	3,8/3,0
32517763	75/63	147	72	65	4,5/3,8
32517906	90/63	160	81	65	5,4/3,8
32517907	90/75	163	81	70	5,4/4,5
32517116	110/63	179	86	65	6,6/3,8
32517117	110/75	177	86	70	6,6/4,5
32517119	110/90	176	90	89	6,6/5,4
32517126	125/63	187	87	63	7,4/3,8
32517129	125/90	192	92	81	7,4/5,4
32517121	125/110	193	92	86	7,4/6,6
32517149	140/90	245	110	79	8,3/5,4
32517141	140/110	245	110	88	8,3/6,6
32517142	140/125	245	110	90	8,3/7,4
32517169	160/90	218	120	79	9,5/5,4
32517161	160/110	225	102	86	9,5/6,6
32517162	160/125	229	102	90	9,5/7,4
32517164	160/140	229	120	110	9,5/8,3
32517189	180/90	240	105	79	16,4/8,2
32517181	180/110	270	105	82	10,7/6,6
32517182	180/125	270	107	92	10,7/7,4
32517186	180/160	270	120	110	10,7/9,5
32517206	200/160	260	117	102	11,9/9,5
32517208	200/180	265	117	107	11,9/10,7
32517221	225/110	300	130	94	13,4/6,6
32517226	225/160	305	122	102	13,4/9,5
32517228	225/180	310	122	107	13,4/10,7
32517222	225/200	300	122	117	13,4/11,9
32517256	250/160	320	130	100	14,8/9,5
32517258	250/180	335	130	105	14,8/10,7
32517250	250/200	320	130	112	14,8/11,9
32517252	250/225	320	130	120	14,8/13,4
32517282	280/225	355	140	120	16,6/13,4
32517285	280/250	355	140	130	16,6/14,8
32517312	315/225	375	150	120	18,7/13,4
32517315	315/250	375	150	130	18,7/14,8
32517318	315/280	380	150	139	18,7/16,6

SPIGOT REDUCER SHORT

· EN 1555-3 · EN 12201-3





➢ 16 bar WATER

➢ 10 bar GAS

SDR 11

PRODUCT CODE	DN / DN1 [MM]	L [MM]	L1 [MM]	L2 [MM]	SMIN / S1MIN [MM]
32511963	90/63	130	45	55	8,2/5,8
32511975	90/75	130	45	55	8,2/6,8
32511163	110/63	140	50	55	10,0/5,8
32511175	110/75	140	50	55	10,0/6,8
32511263	125/63	120	40	40	11,4/5,8
32511275	125/75	120	40	50	11,4/6,8
32511290	125/90	120	40	50	11,4/8,2
32511211	125/110	115	40	50	11,4/10,0
32511663	160/63	130	50	45	14,6/5,8
32511675	160/75	130	50	45	14,6/6,8
32511690	160/90	130	45	45	14,6/8,2
32511610	160/110	150	60	60	14,6/10,0
32511625	160/125	135	50	50	14,6/11,4
32511640	160/140	135	50	50	14,6/12,7
32511860	180/160	120	50	40	16,4/14,6
32511016	200/160	145	60	50	18,2/14,6
32511018	200/180	110	60	40	18,2/16,4
32511216	225/160	145	60	50	20,5/14,6
32511218	225/180	110	50	40	20,5/16,4
32511220	225/200	110	50	40	20,5/18,2

➢ 10 bar WATER, 6 bar GAS

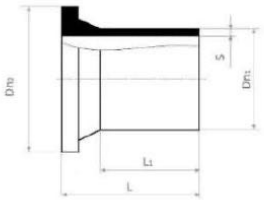
SDR 17

PRODUCT CODE	DN / DN1 [MM]	L [MM]	L1 [MM]	L2 [MM]	SMIN / S1MIN [MM]
32517963	90/63	130	45	55	5,4/3,8
32517975	90/75	130	45	55	5,4/4,5
32517163	110/63	140	50	55	6,6/3,8
32517175	110/75	140	50	55	6,6/4,5
32517263	125/63	120	40	40	7,4/3,8
32517275	125/75	120	40	50	7,4/4,5
32517290	125/90	120	40	50	7,4/5,4
32517211	125/110	115	40	50	7,4/6,6
32517663	160/63	130	50	45	9,5/3,8
32517675	160/75	130	50	45	9,5/4,5
32517690	160/90	130	45	45	9,5/5,4
32517610	160/110	150	60	60	9,5/6,6
32517625	160/125	135	50	50	9,5/7,4
32517640	160/140	135	50	50	9,5/8,3
32517860	180/160	120	50	40	10,7/9,5
32517016	200/160	145	60	50	11,9/9,5
32517018	200/180	110	60	40	11,9/10,7
32517216	225/160	145	60	50	13,4/9,5
32517218	225/180	110	50	40	13,4/10,7
32517220	225/200	110	50	40	13,4/11,9

SPIGOT FLANGE ADAPTOR LONG

· EN 1555-3 · EN 12201-3

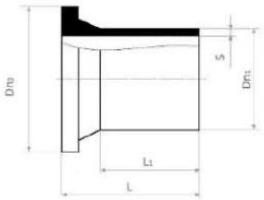




➢ 16 bar WATER

➢ 10 bar GAS





➢ 10 bar WATER

➢ 6 bar GAS

SDR 11

PRODUCT CODE	DN1 [MM]	DN2 [MM]	L [MM]	L1 [MM]	SMIN [MM]
32211020	20	44	50	10	2,6
32211032	32	68	103	63	3,0
32211040	40	78	105	63	3,7
32211050	50	87	103	68	4,6
32211063	63	101	118	77	5,8
32211075	75	121	116	76	6,8
32211090	90	135	141	101	8,2
32211110	110	157	157	119	10,0
32211125	125	157	172	122	11,4
32211140	140	188	185	134	12,7
32211160	160	209	191	144	14,6
32211180	180	-	-	-	16,4
32211200	200	-	-	-	18,2
32211225	225	-	-	-	20,5
32211250	250	-	-	-	22,7
32211280	280	-	-	-	25,4
32211315	315	-	-	-	28,6
32211400	400	485	155	49	41,0

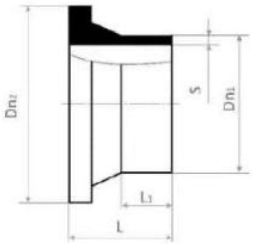
SDR 17

PRODUCT CODE	DN1 [MM]	DN2 [MM]	L [MM]	L1 [MM]	SMIN [MM]
32217020	20	44	50	10	
32217032	32	68	103	63	
32217040	40	78	105	63	
32217050	50	87	103	68	3,0
32217063	63	101	118	77	3,8
32217075	75	121	116	76	4,5
32217090	90	135	141	101	5,4
32217110	110	157	157	119	6,6
32217125	125	157	172	122	7,4
32217140	140	188	185	134	8,3
32217160	160	209	191	144	9,5
32217180	180	-	-	-	10,7
32217200	200	-	-	-	11,9
32217225	225	-	-	-	13,4
32217250	250	-	-	-	14,8
32217280	280	-	-	-	16,6
32217315	315	-	-	-	18,7
32217400	400	485	155	49	25,0

SPIGOT FLANGE ADAPTOR SHORT

· EN 1555-3 · EN 12201-3

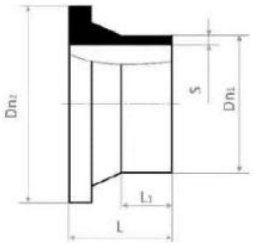




➢ 16 bar WATER

➢ 10 bar GAS





➢ 10 bar WATER

➢ 6 bar GAS

SDR 11

PRODUCT CODE	DN1 [MM]	DN2 [MM]	L [MM]	L1 [MM]	SMIN [MM]
32211010	110	157	109	60	10,0
32211012	125	157	109	60	11,4
32211060	160	209	112	60	14,6
32211002	200	268	150	90	18,2
32211022	225	268	160	100	20,5
32211025	250	320	160	90	22,7
32211028	280	320	160	100	25,4
32211031	315	370	160	70	28,6
32211035	355	430	130	70	32,3
32211004	400	782	120	70	36,3
32211045	450	585	120	60	40,9
32211005	500	585	130	60	45,4
32211056	560	685	130	60	50,8
32211630	630	685	130	55	57,2

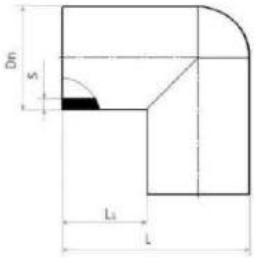
SDR 17

PRODUCT CODE	DN1 [MM]	DN2 [MM]	L [MM]	L1 [MM]	SMIN [MM]
32217010	110	157	109	60	6,6
32217012	125	157	109	60	7,4
32217060	160	209	112	60	9,5
32217002	200	268	150	90	11,9
32217022	225	268	160	100	13,4
32217025	250	320	160	90	14,8
32217028	280	320	160	100	16,6
32217031	315	370	160	70	18,7
32217035	355	430	130	70	21,1
32217004	400	782	120	70	23,7
32217045	450	585	120	60	26,7
32217005	500	585	130	60	29,7
32217056	560	685	130	60	33,2
32217630	630	685	130	55	37,4

SPIGOT ELBOW 90°

· EN 1555-3 · EN 12201-3





➢ 16 bar WATER

➢ 10 bar GAS

SDR 11

PRODUCT CODE	DN [MM]	L [MM]	L1 [MM]	SMIN [MM]
32311020	20	40	70	2,0
32311032	32	53	80	3,0
32311040	40	57	90	3,7
32311050	50	62,5	100	4,6
32311063	63	127	65	5,8
32311075	75	160	74	6,8
32311090	90	181	79	8,2
32311090	110	211	85	10,0
32311125	125	227	90	11,4
32311140	140	252	100	12,7
32311160	160	272	100	14,6
32311180	180	312	107	16,4
32311200	200	350	117	18,2
32311225	225	385	158	20,5
32311250	250	434	180	22,7
32311280	280	480	200	25,4
32311315	315	544	210	28,6

➢ 10 bar WATER, 6 bar GAS

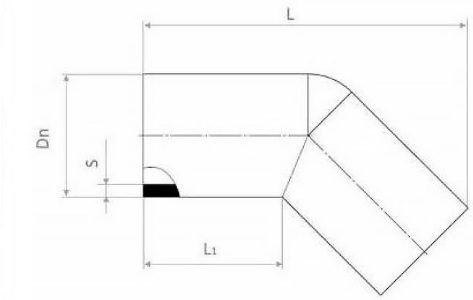
SDR 17

PRODUCT CODE	DN [MM]	L [MM]	L1 [MM]	SMIN [MM]
32317020	20	40	70	
32317032	32	53	80	
32317040	40	57	90	
32317050	50	62,5	100	
32317063	63	127	65	3,8
32317075	75	160	74	4,5
32317090	90	181	79	5,4
32317110	110	211	85	6,6
32317125	125	227	90	7,4
32317140	140	252	100	8,3
32317160	160	272	100	9,5
32317180	180	312	107	10,7
32317200	200	350	117	11,9
32317225	225	385	158	13,4
32317250	250	434	180	14,8
32317280	280	480	200	16,6
32317315	315	544	210	18,7

SPIGOT ELBOW 45°

· EN 1555-3 · EN 12201-3





➢ 16 bar WATER

➢ 10 bar GAS

SDR 11

PRODUCT CODE	DN [MM]	L [MM]	L1 [MM]	SMIN [MM]
32411020	20	40	70	2,0
32411032	32	55	75	3,0
32411040	40	55	32	3,7
32411050	50	63	36	4,6
32411063	63	170	65	5,8
32411075	75	229	74	6,8
32411090	90	243	83	8,2
32411110	110	251	87	10,0
32411125	125	278	93	11,4
32411140	140	294	100	12,7
32411160	160	317	111	14,6
32411180	180	355	107	16,4
32411200	200	385	117	18,2
32411225	225	430	122	20,5
32411250	250	465	155	22,7
32411280	280	505	168	25,4
32411315	315	565	177	28,6

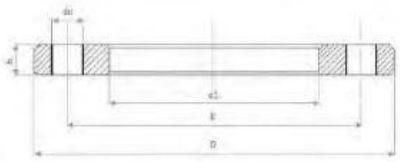
➢ 10 bar WATER, 6 bar GAS

SDR 17

PRODUCT CODE	DN [MM]	L [MM]	L1 [MM]	SMIN [MM]
32411020	20	40	70	
32411032	32	55	75	
32411040	40	55	32	
32411050	50	63	36	
32417063	63	170	65	3,8
32417075	75	229	74	4,5
32417090	90	243	83	5,4
32417110	110	251	87	6,6
32417125	125	278	93	7,4
32417140	140	294	100	8,3
32417160	160	317	111	9,5
32417180	180	355	107	10,7
32417200	200	385	117	11,9
32417225	225	430	122	13,4
32417250	250	465	155	14,8
32417280	280	505	168	16,6
32417315	315	565	177	18,7

FLANGE BACKING RING

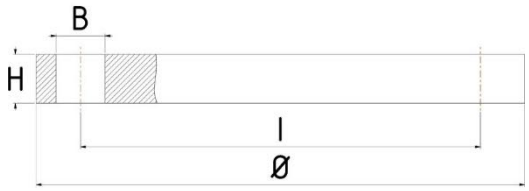
➢ Compliant with ISO 9624





PRODUCT CODE	DN [MM]	PE [MM]	D [MM]	D1 [MM]	B [MM]	K [MM]	DO [MM]	HOLES	SCREW	PRESSURE
32617020 / 32611020	20	25	105	34	14	75	-	4	-	10/16
32617025 / 32611025	25	32	115	42	14	85	14	4	1412	10/16
32617032 / 32611032	32	40	140	52	14	100	18	4	1416	10/16
32617040 / 32611040	40	50	150	63	16	110	18	4	1416	10/16
32617050 / 32611050	50	63	165	78	16	125	18	4	1416	10/16
32617065 / 32611065	65	75	185	92	16	145	18	4	1416	10/16
32617080 / 32611080	80	90	200	108	18	160	18	8	1416	10/16
32617100 / 32611100	100	110	220	128	18	180	18	8	1416	10/16
32617101 / 32611101	100	125	220	135	18	180	18	8	1416	10/16
32617125 / 32611125	125	140	250	158	18	210	18	8	1416	10/16
32617150 / 32611150	150	160	285	178	20	240	22	8	1420	10/16
32617151 / 32611151	150	180	285	186	20	240	22	8	1420	10/16
32617200	200	200	340	236	20	295	22	8	1420	10
32611200	200	200	340	236	23	295	22	12	1420	16
32617201	200	225	340	238	20	295	22	8	1420	10
32611201	200	225	340	238	23	295	22	12	1420	16
32617250	250	250	395	289	24	350	22	12	1420	10
32611250	250	250	405	289	29	355	26	12	1424	16
32617251	250	280	395	295	24	350	22	12	1420	10
32611251	250	280	405	295	29	355	26	12	1424	16
32617300	300	315	445	339	28	400	22	12	1420	10
32611300	300	315	460	339	34	410	26	12	1424	16
32617350	350	355	505	377	30	460	22	16	1420	10
32611350	350	355	520	376	36	470	26	16	1424	16
32617400	400	400	565	431	32	515	26	16	1424	10
32611400	400	400	580	431	41	525	30	16	1427	16

STEEL BLIND FLANGE





➢ Standart: ISO 7005 / EN 1092

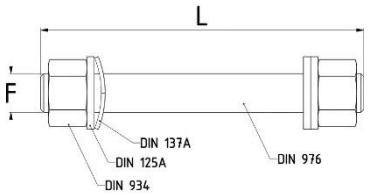
➢ 16 bar WATER

PRODUCT CODE	DN [MM]	Ø [MM]	I [MM]	H [MM]	B [MM]	KG	HOLES	SCREW	PRESSURE
32717020 / 32711020	20	105	75	18	M12	1,20	4	-	10/16
32717025 / 32711025	25	115	85	18	M12	1,40	4	1412	10/16
32717032 / 32711032	32	140	100	18	M16	2,00	4	1416	10/16
32717040 / 32711040	40	150	110	18	M16	2,40	4	1416	10/16
32717050 / 32711050	50	165	125	18	M16	2,90	4	1416	10/16
32717065 / 32711065	65	185	145	18	M16	3,50	4/8	1416	10/16
32717080 / 32711080	80	200	160	20	M16	4,60	8	1416	10/16
32717100 / 32711100	100	220	180	20	M16	5,60	8	1416	10/16
32717125 / 32711125	125	250	210	22	M20	8,20	8	1416	10/16
32717150 / 32711150	150	285	240	22	M20	10,50	8	1420	10/16
32717200	200	340	295	24	M20	16,50	8	1420	10
32717250	250	395	350	26	M20	24,10	12	1420	10
32717300	300	445	400	26	M20	30,80	12	1424	10
32717350	350	505	460	26	M20	39,60	16	1420	10
32717400	400	565	515	26	M24	49,40	16	1427	10

FASTENERS FOR FLANGE

➢ Materials 8.8 class coated in Geomet 500A

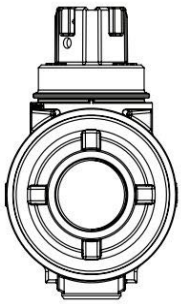


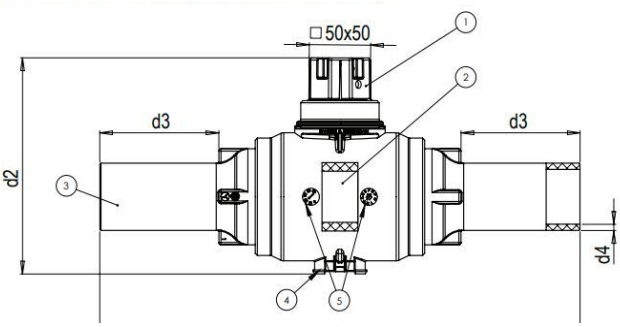


PRODUCT CODE	F	L	THREADED ROD		NUT		FLAT WASHER		WAVY WASHER		KG KIT
			NR	KG	NR	KG	NR	KG	NR	KG	
32816130	M16	130	4	0,170	8	0,028	12	0,010	4	0,005	1,044
32816160	M16	160	4	0,240	8	0,028	12	0,010	4	0,005	1,305
32820160	M20	160	4	0.330	8	0,062	12	0,017	4	0,005	2.052
32820180	M20	180	4	0,370	8	0,062	12	0,017	4	0,008	2,212
32820200	M20	200	4	0,400	8	0.062	12	0,017	4	0,008	2,332
32824200	M24	200	4	0,595	8	0,105	12	0,032	4	0,014	3.660

PE 100 BALL VALVES, FROM DN20 TO DN250







- PE valve has been designed for underground gas and water installations and must be assembled by electrofusion. It conveys gas or water at a maximum permissible pressure and temperature or controls the network's flow rate in which it is installed.
- The PE ball valve connection to the gas pipe can be done by the means of an electrofusion fitting. Double length of the PE spigots allows to make 2 weldings. The spigots are protected from external pollution (dust, etc.).

Components list

1 Operating head; 2 Ball; 3 Spigot ;
4 Baseplate fixation; 5 Traceability datas

- PE ball valve 1/4 turn, for gas service lines from -20°C to +40°C (68°F to 104°F)
- Design according to NF APE 136, EN 1555-4, GIS/V7-2, GOST-R (R)

FULL BORE

PRODUCT CODE	VALVE SIZE Ø PE	CALIBER	D1	D2	D3	D4 FOR SDR-11	D4 FOR SDR 17	WEIGHT (KG)
33111020	20	15	323	148	87	3,0		0,8
33111025	25	20	323	148	87	3,0		0,8
33111032	32	25	323	148	87	3,0		0,8
33111050	50	40	447	204	90	4,6		2,2
33111063	63	50	383	167	112	5,8		1,1
33111090	90	80	463	252	114	8,2	**5,4**	4,3
33111110	110	100	499	252	129	10,0		4,5
33111125	125	125	1145	354	90	11,4		14,7
33111160	160	150	875	434	200	14,6	**9,5**	24,5

STANDARD BORE

PRODUCT CODE	VALVE SIZE Ø PE	CALIBER	D1	D2	D3	D4 FOR SDR-11	D4 FOR SDR 17	WEIGHT (KG)
33211040	40		323	150	87	3,7		0,8
33211063	63		380	167	112	5,8		1,1
33211075	75		389	204	89	6,8		2,2
33211090	90		389	204	114	8,2	**5,4**	2,2
33211110	110		491	252	129	10,0	**6,6**	4,6
33211125	125		489	252	131	11,4	**7,4**	4,8
33211160	160		735	354	200	14,6	**9,5**	12,3
33211180	180		755	354	210	16,4	**10,7**	13,3
33211200	200		785	354	225	18,2	**11,9**	15,0
33211225	225		815	356	240	20,5	**13,4**	17,6
33211250	250		996	434	260	22,7	14,8	36,2

PE 100 BALL VALVES, FROM DN20 TO DN250

GeoFittings

A unique design

- External tightness against water, dust, sand and alluviums.
- Internal design that reduces pressure drop (optimum shape).
- Many customization options (baseplates, coupling collars, operating extensions, protection sleeves...).
- Significant guard angle (8 degrees minimum) - maximum safety in closed position.
- No maintenance needed.

1. OPERATING HEAD



23 mm head
12 mm high



50 mm square head
(according to EN 1555-4)
40 mm high

3. PVC OPERATING EXTENSIONS

3 types of operating head



Square head Head 50x50 mm 50 mm high Resistance up to 150 Nm



Type «A» head Head 15x35 mm 50 mm high Resistance up to 200 Nm



Type «B» head Head 20x50 mm 50 mm high Resistance up to 200 Nm

5. PVC OPERATING KEY



Female square ending 50x50 mm 1 m high

Customization options Valve ball PE100

1. Closing of the valve: square head 50 or 23 mm.
2. Baseplate and coupling collar ø90 or 110 mm.
3. PVC Operating extensión.
4. PVC Protection sleeve ø110 mm (fixed or telescopic model).
5. PVC Operating Key
6. Polypropylene Fiberglass Hood for an access to a telescopic sleeve

2. BASEPLATE AND COUPLING COLLAR



Fixed removable baseplate 220x160x12 mm



Rotating removable baseplate 220x160x12 mm



Coupling collar ø90 / ø110 mm

4. PVC PROTECTION SLEEVE Ø 110 MM (Ø 90 MM ON DEMAND)



Fixed model

(or with adjustable height)

820 or 1500 mm high
Fits the coupling collar with an anti-rotation system



Telescopic model

470 - 770 mm high or 580 - 1020 mm high

Screw-on yellow cap with square head 50 x 50 and open/closed indication



Ventilated model

with geotextile coating which permits the evacuation of gas 675 mm high

6. POLYPROPYLENE FIBERGLASS HOOD D400





For an access to a telescopic sleeve. Resistant to deformation due to traffic (including pedestrian streets), parking areas for all types of the vehicles according to EN 124. Dimensions: base 200 mm, plug 90 mm, height 190 mm.

(1) Key allowing opening or closing of the hood.

(2) Customizable plug equipped with metallic strapping which can be detected from the surface and which is resistant to hot-mix asphalt.

PE 100 BALL VALVE EQUIPPED WITH A BASE, BELL, OPERATING EXTENSION AND TELESCOPIC EXTENSION



➢ PE 5030 1/4 turn ball valve, for gas networks from -20°C to +40°C, equipped with a base, bell, operating extension and telescopic extension.

➢ NF APE 136 certified

Technical characteristics:

- Maximum operating pressure: 10 bar
- Valve closure: 50mm square
- Telescopic extension (580 to 880mm)
- Reset key
- Self-tightening and anti-rotation tulip thanks to small integrated lugs, guaranteeing excellent support and better mounting of the tulip tube
- Temperature class: -20°C to + 40°C
- PE 100

PRODUCT CODE	DN	Ø PE	MOP
33311032	25	32	10 bar
33311040	32	40	10 bar
33311063	50	63	10 bar
33311110	100	110	10 bar
33311125	125	125	10 bar
33311160	150	160	10 bar
33311200	200	200	10 bar

PE 100 DECOMPRESSION VALVE

PE 1/4 turn valve equipped with decompression devices to purge the pipes, take pressure readings or inject gas if necessary.

The PE decompression valve is a 1/4 turn clockwise closing valve with bleed tappings enables to :

- Work onto the network under pressure ;
- Bleed the network when making branch connections or repairing it ;
- Measure the pressure to detect possible variations, overuse, underuse of the network or possible leakage;
- Inject Gas when needed.

Technical characteristics

- Maximum operating pressure: 4 bar
- 1/4 turn ball valve
- Single-purge version/ Bi purge version
- Telescopic extension (580 to 880mm)
- Drain equipped with 90° angled brass valves, type E1, with Sphero-Conical Junction (JSC) DN25 and plugs with JSC DN25
- Temperature class: -5°C to +35°C
- PE 100



MONO-PURGE



BI-PURGE

3 versions are available : with 2 fully equipped bleed connections, with 1 fully equipped bleed connection or with non-equipped bleed connections (1 or 2).

1	2	3
PE valve with 2 fully equipped bleed connections	PE valve with 1 fully equipped bleed connection	PE valve with non-equipped bleed connections (1 or 2)
		

PE bleed connections in PE 32

Available height: 520 mm or 1 m

PRODUCT CODE	Ø PE PURGE RISE	Ø PE	VERSION
33402063	32	63	Mono-purge
33401125	32	125	Mono-purge
33401160	32	160	Mono-purge
33401200	32	200	Mono-purge
33402063	32	63	Bi-purge
33402125	32	125	Bi-purge
33402160	32	160	Bi-purge
33402200	32	200	Bi-purge

BUTT WELDING MACHINES FOR PLASTIC PIPES

The BB Series butt welding machines are designed for butt fusion welding of thermoplastic pipes and fittings, guaranteeing strong, leak-proof, and repeatable joints in piping and distribution installations.

Applications:

- Water networks (pressurized and non-pressurized)
- Gas networks
- Industrial fluid transport
- Civil engineering installations and pipeline laying

Weldable materials:

PE / HDPE– PP– PPR– PVDF– PVC (according to configuration and model).

Main components (depending on the model):

- Self-aligning machine body: Robust, compact, and easy-to-handle structure for centering and holding the tubes.
- Electric cutter (milling cutter/trimmer): with locking mechanism and safety microswitch.
- PTFE- coated heating plate: with electronic temperature control (up to 270°C, depending on the model).
- Synoptic unit / electrohydraulic control: Manages pressure, temperature, time, and voltage with an integrated pressure gauge and ergonomic controls.
- Lifting accessories (crane/hoist), when applicable for larger diameters.









Key Advantages:

- Fast and reliable joints without the need for additional accessories.
- Precise alignment for consistent welds.
- Simple and continuous operation with pressure and temperature control.
- Portable and robust equipment for field work.

Welding Process (Summary):

- Clamping and centering the pipe in the frame.
- Shaving/trimming the joint surfaces with the cutter.
- Heating with a PTFE plate until the established parameters are reached.
- Pressure welding (butt fusion) according to the material/diameter cycle.
- Controlled cooling before releasing the part.

Model range and working ranges:

- BB160: Ø 63–160 mm
- BB250: Ø 90–225 mm
- BB315: Ø 90–315 mm
- BB450: Ø 200–450 mm
- BB500: Ø 200–500 mm
- BB630: Ø 315–630 mm
- BB800: Ø 450–800 mm

Standards: UNI 10565 / ISO 12176-1 (according to model).

BUTT FUSION MACHINE FOR PE, PP, AND PVDF FROM 63 TO 160 MM

The **BB160** is a welding machine suitable for butt fusion welding of PE, PP, and PVDF pipes and fittings

Is ideal for creating pipelines for the transport of water, gas, and other pressurized and non-pressurized fluids up to Ø 160 mm

It **consists** of:

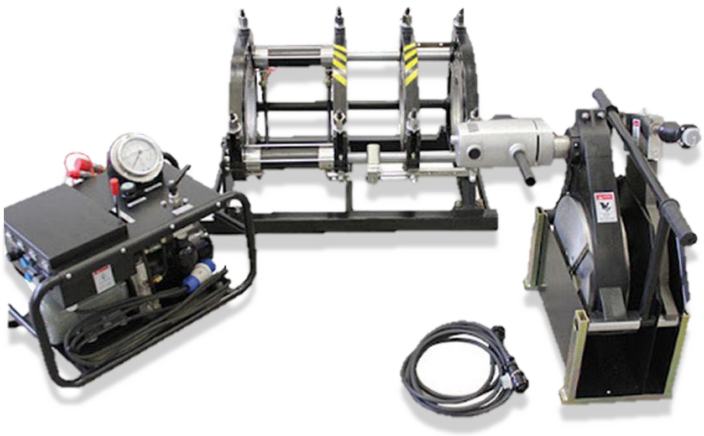
Machine body: it has a solid, easy-to-handle and compact structure, is self-aligning, and its particular inclination makes it suitable for laying pipes for water, gas, and other pressurized and non-pressurized fluids.

Electric cutter: Equipped with an on/off switch, locking pin, and safety micro-switch.

Heating plate: the heating plate is coated with PTFE and is controlled by an electronic temperature regulator mounted directly on the electro-hydraulic control unit.

Synoptic Unit –
Electro-hydraulic Control Unit:

A robust and easy-to-handle frame incorporates all the elements needed to manage pressures, temperatures, times, and voltages. Equipped with an electro-hydraulic pump with a large-capacity tank, it is equipped with three valves to manage welding pressures. An ON/OFF lever valve opens and closes the jaws, a valve for regulating the maximum applicable pressure and subsequent venting, equipped with a safety counter-lock, and a welding or bypass valve with an ergonomic lever angled at 45°. Its precise and continuous operation allows for easy and precise pressure increases. The pressure gauge is inserted into the unit at a 45° angle. The protective cover on the left of the unit contains the voltmeter, the digital temperature controller, and the stopwatch with two buttons for memorizing times according to the T2 (preheating time) and T5 (cooling time under pressure) standards



PRODUCT NAME	BB 160
Model	40310160
Weldable Material	PE-PP-PPR-PVDF-PVC
Working Range	63-75-90-110-125-140-160mm
SDR from -to	41-6
Power supply	230V - 50 Hz
Maximum Power	3.35 kW
Heating Plate	1.5 kW
Milling Cutter	1.1 kW
Synoptic Unit	0.75 kW
Pressure Gauge	10 MPa - 100 Bar
Cylinder Area	6.26 cm²
Maximum temperature	270°C
Standard	UNI10565 - ISO 12176-1

WEIGHT KG / DIMENSIONS	NW KG	GW KG	DIMENSIONS WITH PACKAGING (MM)
Liners	48	60	1000x1100x800
Support	18	30	
Hydraulic unit	42	52	
Total	108	142	0.88 CBM

BUTT FUSION MACHINE FOR PE, PP, AND PVDF FROM 90 TO 250 MM

The **BB250** is a welding machine suitable for butt fusion welding of PE, PP, and PVDF pipes and fittings

Is ideal for creating pipelines for the transport of water, gas, and other pressurized and non-pressurized fluids up to Ø 250 mm.

It **consists** of:

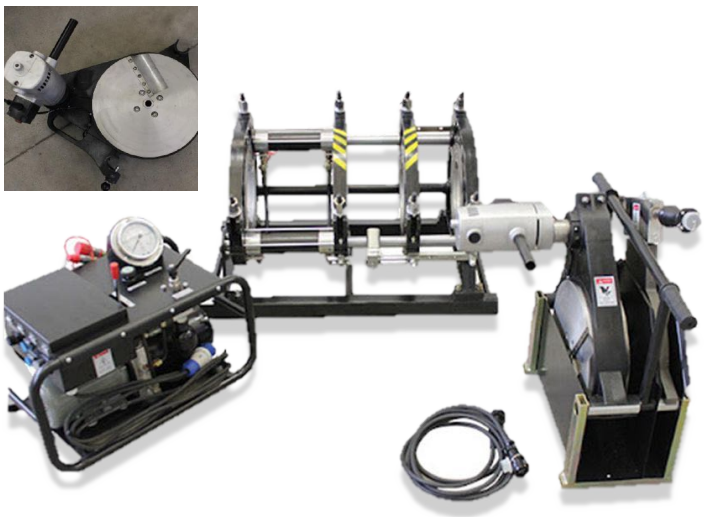
Machine body: it has a sturdy, easy-to-handle and compact structure. It is self-aligning, and its particular inclination makes it suitable for laying pipelines for aqueducts, gas pipelines, and other pressurized and non-pressurized fluids.

Electric cutter: it is equipped with an on/off switch, a locking pinon the machine body, and a button safety microswitch.

Heating plate: The heating plate is coated with PTFE and is controlled by an electronic temperature regulator mounted directly on the electrohydraulic power unit

Synoptic Unit –
Electro-hydraulic Control Unit:

A robust and easy-to-handle frame incorporates all the elements needed to manage pressure, temperature, time, and voltage. Equipped with an electro-hydraulic pump with a large-capacity tank, it is equipped with three valves to manage welding pressures. An ON/OFF lever valve opens and closes the jaws, a valve for regulating the maximum applicable pressure and subsequent discharge, equipped with a safety counter-lock, and a welding or bypass valve with an ergonomic lever angled at 45°. Its precise and continuous operation allows for easy and precise pressure increases. The pressure gauge is inserted into the unit at a 45° angle. The protective cover on the left of the unit contains the voltmeter, the digital thermoregulator, and the stopwatch with two buttons for memorizing times according to the T2 (preheating time) and T5 (cooling time under pressure) standards.



PRODUCT NAME	BB 250
Model	40310250
Weldable Material	PE-PP-PPR-PVDF-PVC
Working Range	90-110-125-140-160-180-200-225mm
SDR from -to	41-6
Power supply	230V - 50 Hz
Maximum Power	4.85 kW
Heating Plate	3 kW
Milling Cutter	1.1 kW
Synoptic Unit	0.75 kW
Pressure Gauge	10 MPa - 100 Bar
Cylinder Area	10.89 cm²
Maximum temperature	270°C
Standard	UNI10565 - ISO 12176-1

WEIGHT KG / DIMENSIONS	NW KG	GW KG	DIMENSIONS WITH PACKAGING (MM)
Liners	64	82	
Support	32	52	1000x1100x800
Hydraulic unit	42	52	
Total	138	186	0.88 CBM

BUTT FUSION MACHINE FOR PE, PP, AND PVDF FROM 90 TO 315 MM

The **BB315** is a welding machine suitable for butt fusion welding of PE, PP, and PVDF pipes and fittings,

Is ideal for creating pipelines for the transport of water, gas, and other pressurized and non-pressurized fluids up to Ø 315 mm.

It **consists** of:

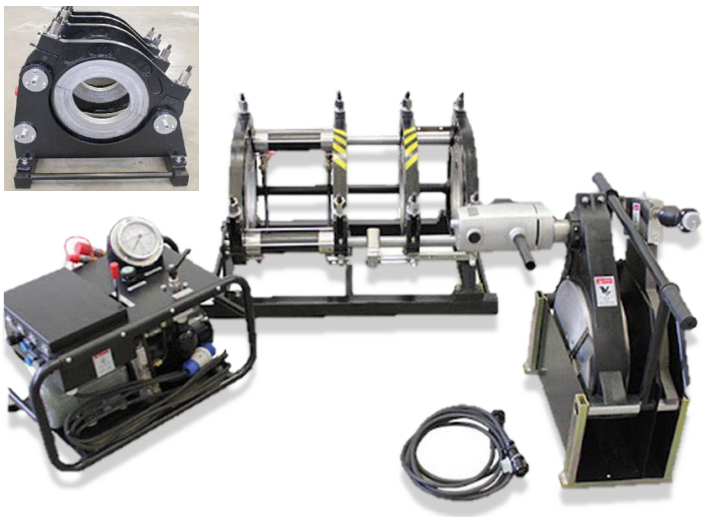
Machine body: it has a solid, easy-to-handle, compact structure. It is self-aligning, and its particular inclination makes it suitable for laying pipelines for aqueducts, gas pipelines, and other pressurized and non-pressurized fluids.

Electric cutter: it is equipped with an on/off switch, a locking pinon the machine body, and a push-button safety microswitch.

Heating plate: the heating plate is coated with PTFE and is controlled by an electronic temperature regulator mounted directly on the electro-hydraulic power unit.

Synoptic Unit –
Electro-hydraulic Control Unit:

A sturdy and easy-to-handle frame incorporates all the elements needed to manage pressure, temperature, time, and voltage. Equipped with an electro-hydraulic pump with a large-capacity tank, it is equipped with three valves to manage welding pressures. An ON/OFF lever valve opens and closes the jaws, a valve for regulating the maximum applicable pressure and subsequent venting, equipped with a safety counter-lock, and a welding or bypass valve with an ergonomic lever angled at 45°. Its precise and continuous operation allows for easy and precise pressure increases. The pressure gauge is inserted into the unit at a 45° angle. The protective cover on the left of the unit contains the voltmeter, the digital temperature controller, and the stopwatch with two buttons for memorizing times according to the T2 (preheating time) and T5 (cooling time under pressure) standards.



PRODUCT NAME	BB 315
Model	40315315
Weldable Material	PE-PP-PPR-PVDF-PVC
Working Range	90-110-125-140-160- 180- 200- 225-250-280-315 mm
SDR from -to	41-6
Maximum Power	5.35 kW
Heating Plate	3.5 kW
Milling Cutter	1.1 kW
Synoptic Unit	0.75 kW
Pressure Gauge	10 MPa - 100 Bar
Cylinder Area	20 cm²
Maximum temperature	270°C
Standard	UNI10565 - ISO 12176-1

WEIGHT KG / DIMENSIONS	NW KG	GW KG	DIMENSIONS WITH PACKAGING (MM)
Liners	106	128	1350x1050x800
Support	46	70	
Hydraulic unit	42	52	
Total	194	250	1,134 CBM

BUTT FUSION MACHINE FOR PE, PP, AND PVDF FROM 200 TO 450 MM

The **BB450** is a welding machine suitable for butt fusion welding of PE, PP, and PVDF pipes and fittings,

is ideal for creating pipelines for the transport of water, gas, and other pressurized and non-pressurized fluids up to a diameter of 450 mm.

It **consists** of:

Machine body: it has a solid, easy-to-handle and compact structure, is self-aligning, and its particular inclination makes it suitable for laying pipes for aqueducts, gas pipelines, and other pressurized and non-pressurized fluids.

Electric cutter: it is equipped with an on/off switch, a locking pinon the machine body, and a push-button safety microswitch.

Heating plate: the heating plate is coated with PTFE and is controlled by an electronic temperature regulator mounted directly on the electro-hydraulic power unit.

Synoptic Unit –
Electro-hydraulic Control Unit:

A robust and easy-to-handle frame incorporates all the elements needed to manage pressure, temperature, time, and voltage. Equipped with an electro-hydraulic pump with a large-capacity tank, it is equipped with three valves to manage the welding pressures. An ON/OFF lever valve opens and closes the jaws, a valve for regulating the maximum applicable pressure and subsequent exhaust, equipped with a safety counter-lock, and a welding or bypass valve with an ergonomic lever angled at 45°.These valves operate accurately and continuously, allowing for easy and precise pressure build-up. The pressure gauge is inserted into the unit at a 45° angle. The protective cover on the left of the unit contains the voltmeter, the digital temperature controller, and the stopwatch with two buttons for memorizing times according to the T2 (preheating time) and T5 (cooling time under pressure) standards.

PRODUCT NAME	BB 450
MODEL	40316450
Weldable Material	PE-PP-PPR-PVDF-PVC
Working Range	200-225-250-280-315-400-450 mm
SDR from -to	41-6
Power supply	380V - 50 Hz - 5 polyphase
Maximum Power	8.88 kW
Heating Plate	5.38 kW
Milling Cutter	1.5 kW
Synoptic Unit	1.5 kW
Electric Crane	0.5 W
Pressure Gauge	16 MPa - 160 Bar
Cylinder Area	22.36 cm²
Maximum temperature	270°C
Standard	UNI10565 - ISO 12176-1





WEIGHT KG / DIMENSIONS	NW KG	GW KG	DIMENSIONS WITH PACKAGING (MM)
Liners	300	356	1560x960x1100
Crane	60	125	
Support	180	228	1260x1060x1370
Hydraulic Unit	65	76	
Total	505	785	3.5 CBM

BUTT FUSION MACHINE FOR PE, PP, AND PVDF FROM 200 TO 500 MM

The **BB500** is a welding machine suitable for butt fusion welding of PE, PP, and PVDF pipes and fittings

It is ideal for creating pipelines for the transport of water, gas, and other pressurized and non-pressurized fluids up to Ø 500 mm..

It **consists** of:

Machine body: It has a sturdy, compact, and easy-to-handle structure. It is self-aligning, and its particular inclination makes it suitable for laying pipes for aqueducts, gas pipelines, and other pressurized and non-pressurized fluids.

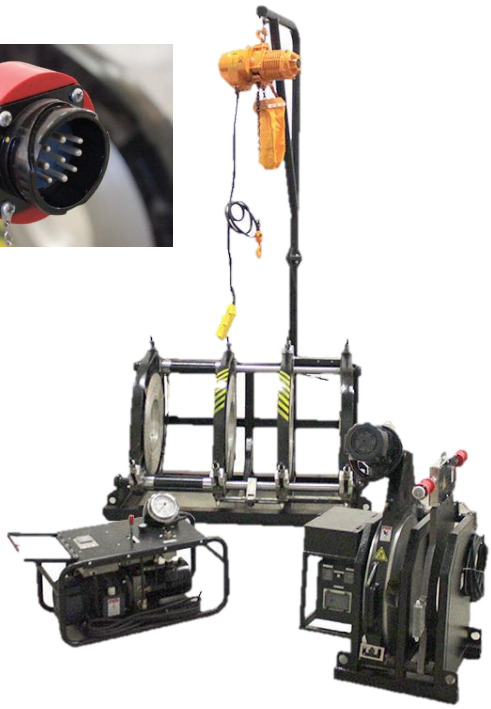
Electric cutter: It is equipped with an on/off switch, a locking pin on the machine body, and a push-button safety microswitch.

Heating plate: the heating plate is coated with PTFE and is controlled by an electronic temperature regulator mounted directly on the electro-hydraulic power unit.

Synoptic Unit –
Electro-hydraulic Control Unit:

A sturdy and easy-to-handle frame incorporates all the elements needed to manage pressures, temperatures, times, and voltages. Equipped with an electro-hydraulic pump with a large-capacity tank, It features three valves to manage the welding pressure. An ON/OFF lever valve opens and closes the jaws, a pressure regulation valve for the maximum applicable pressure and subsequent release, equipped with a safety lock, and a welding or bypass valve with an ergonomic lever inclined at 45°. Its precise, continuous operation allows for easy and precise pressure build-up. The pressure gauge is inserted into the unit at a 45° angle. The protective cover on the left of the unit contains the voltmeter, the digital temperature controller, and the stopwatch with two buttons for memorizing times according to the standards:T2 (preheating time) and T5 (cooling time under pressure).





PRODUCT NAME	BB 500
Model	40316500
Weldable Material	PE-PP-PPR-PVDF-PVC
Working Range	200 - 250 - 280 - 315 - 355 400 - 450 - 500 mm
SDR from -to	41-6
Power supply	380V - 50 Hz - 5 polyphase
Maximum Power	8.88 kW
Heating Plate	5.38 kW
Milling Cutter	1.5 kW
Synoptic Unit	1.5 kW
Electric Crane	0.5 kW
Pressure Gauge	16 MPa - 160 Bar
Cylinder Area	22.36 cm²
Maximum temperature	270°C
Standard	UNI10565 - ISO 12176-1

WEIGHT KG / DIMENSIONS	NW KG	GW KG	DIMENSIONS WITH PACKAGING (MM)
Liners	350	400	1710x1360x1250
Crane	46	52	
Support	65	76	1360x1160x1450
Hydraulic Unit	190	230	
Total	651	758	5.2 CBM

BUTT FUSION MACHINE FOR PE, PP, AND PVDF FROM 315 TO 630 MM

The **BB630** is a welding machine suitable for butt fusion welding of PE, PP, and PVDF pipes and fittings

is ideal for creating pipelines for the transport of water, gas, and other pressurized and non-pressurized fluids up to Ø 630 mm.

It **consists** of:

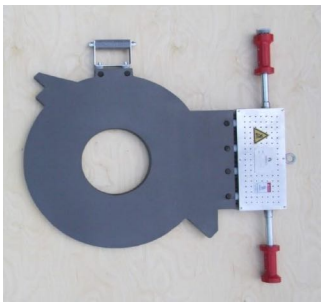
Machine body: It has a sturdy, compact, and easy-to-handle structure. It is self-aligning, and its particular inclination makes it suitable for laying pipes for aqueducts, gas pipelines, and other pressurized and non-pressurized fluids.

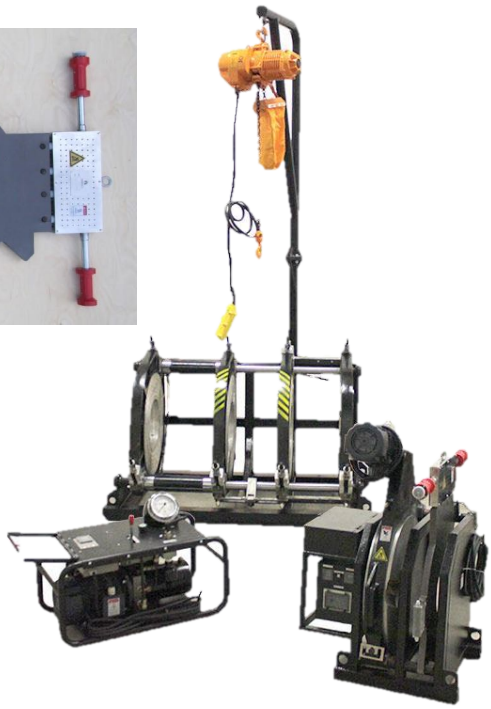
Electric cutter: It is equipped with an on/off switch, a locking pin on the machine body, and a button safety microswitch.

Heating plate: the heating plate is coated with PTFE and is controlled by an electronic temperature regulator mounted directly on the electro-hydraulic power unit.

Synoptic Unit –
Electro-hydraulic Control Unit:

A sturdy and easy-to-handle frame incorporates all the elements needed to manage pressures, temperatures, times, and voltages. Equipped with an electro-hydraulic pump with a large-capacity tank, it is equipped with three valves to manage welding pressure. An ON/OFF lever valve opens and closes the jaws, a valve for regulating the maximum applicable pressure and subsequent discharge, equipped with a safety counter-lock, a welding or bypass valve with an ergonomic lever inclined at 45°, whose precise and continuous operation allows for pressure build-up with ease and precision. The pressure gauge is inserted in the unit at a 45° angle. The protective cover on the left of the unit contains the voltmeter, the digital temperature controller, and the stopwatch with two buttons for memorizing times according to the T2 (preheating time) and T5 (cooling time under pressure) standards.





PRODUCT NAME	BB 630
Model	40316630
Weldable Material	PE-PP-PPR-PVDF-PVC
Working Range	315-355-400-450-500-560-630 mm
SDR from -to	41-6
Power supply	380V - 50 Hz - 5 polyphase
Maximum Power	12.85 kW
Heating Plate	9.35 kW
Milling Cutter	1.5 kW
Synoptic Unit	1.5 kW
Electric Crane	0.5 kW
Pressure Gauge	16 MPa - 160 Bar
Cylinder Area	37.7 cm²
Maximum temperature	270°C
Standard	UNI10565 - ISO 12176-1

WEIGHT KG / DIMENSIONS	NW KG	GW KG	DIMENSIONS WITH PACKAGING (MM)
Liners	470	540	1710x1360x1250
Crane	46	52	
Support	60	70	1360x1160x1450
Hydraulic Unit	173	282	
Total	749	944	5.2 CBM

BUTT FUSION MACHINE FOR PE, PP, AND PVDF FROM 450 TO 800 MM

The **BB800** is a welding machine suitable for butt fusion welding of PE, PP, and PVDF pipes and fittings

is ideal for creating pipelines for the transport of water, gas, and other pressurized and non-pressurized fluids up to Ø 800 mm..

It **consists** of:

Machine body: It has a sturdy, compact, and easy-to-handle structure. It is self-aligning and its particular inclination makes it suitable for laying pipes for aqueducts, gas pipelines, and other pressurized and non-pressurized fluids.

Electric cutter: It is equipped with an on/off switch, a locking pin on the machine body, and a push-button safety microswitch.

Heating plate: the heating plate is coated with PTFE and is controlled by an electronic temperature regulator mounted directly on the electro-hydraulic power unit.

PRODUCT NAME	BB 800
Model	40316800
Weldable Material	PE-PP-PPR-PVDF-PVC
Working Range	450- 500- 560- 630- 710- 800 mm
SDR from -to	41-6
Power supply	380V - 50 Hz - 5 polyphase
Maximum Power	18.2 kW
Heating Plate	12.5 kW
Milling Cutter	2.2 kW
Synoptic Unit	3 kW
Electric Crane	0.5 kW
Pressure Gauge	16 MPa - 160 Bar
Cylinder Area	44.0 cm²
Maximum temperature	270°C
Standard	UNI10565 - ISO 12176-1

Synoptic Unit –
Electro-hydraulic Control Unit:

A robust and easy-to-handle frame incorporates all the elements needed to manage pressures, temperatures, times, and voltages. Equipped with an electro-hydraulic pump with a large-capacity tank, it is equipped with three valves to manage welding pressures. An ON/OFF lever valve opens and closes the jaws, a valve for regulating the maximum applicable pressure and subsequent venting with a safety counter-lock, and a welding or bypass valve with an ergonomic lever angled at 45°. Its accurate and continuous operation allows for easy and precise pressure build-up. The pressure gauge is inserted into the unit at a 45° angle. The protective cover on the left of the unit contains the voltmeter, the digital temperature controller, and the stopwatch with two buttons for memorizing times according to the T2(preheating time) and T5 (cooling time under pressure).





WEIGHT KG / DIMENSIONS	NW KG	GW KG	DIMENSIONS WITH PACKAGING (MM)
Liners	854	934	2160x1560x1580
Support	340	440	1390x1110x1730
Hydraulic unit	67	97	760x510x640
Engine hose	67	97	730x440x520
Lifter	127	177	1930x660x420
Total	1455	1745	8.95 CBM

MANUAL EXTRUDER

What is a Manual Extruder ?

A manual extruder is a machine used to process plastics into finished products by passing them through a die. Unlike automatic or semi-automatic extruders which are motorised, manual extruders are operated by hand by an operator turning a crank or screw to feed the material through the die.

The manual extruder is generally smaller and less expensive than motorised models, making it a popular option for craftsmen and small businesses with relatively low production requirements. It can be used to produce a wide variety of plastic products such as tubes, profiles, sheets and wires.

However, production with a manual extruder is generally slower and less accurate than motorised models, and requires more operator intervention to maintain consistent production quality. The manual extruder may also require greater physical effort on the part of the operator to feed the material through the die.

Advantages of Using a Manual Extruder

Manual extrusion is a popular welding method used in many industries. It has many advantages such as being able to weld a wide variety of materials, welding in tight spaces and producing high quality welds.

The manual extrusion is cost effective as it requires minimal setup and can be done quickly. Manual extruder welding is safe as it does not require the use of hazardous gases and is easy to learn.

It is also an excellent choice for those new to welding, as it is relatively simple to use and requires little practice. The manual extruder is versatile as it can be used for both large and small projects.

As a result, manual extrusion welding is the perfect choice for those who want to weld a variety of materials quickly and safely.

40722004

TECHNICAL SPECIFICATIONS	
Welding Range	1,8 - 2,1 Kg/h 0 3-4 mm
Material	PE/PP
Weight	7,250 Kg
Length	570 mm
Electronic Speed Control	Yes
Hot Air Blower	2600 W
Voltage	220 V
Approvals	CE, ISO 9001
Standart	ISO 12176 -1



GEOMEMBRAN WELDING MACHINE

- Small and light
- High speed welder
- Easy to operate
- High welding quality
- Digital display of temperature and speed
- Closed loop control system

40822004

TECHNICAL SPECIFICATIONS	
Voltage	220 V
Power comsuption	1500W
Temperature	0-450C
Travel speed	1.2-4 m/min
Material thickness	0.5-3mm
Weight	6.3 kg
Dimensions	300x220x200 mm



ACCESSORIES IN BUTT WELDING MACHINES

Accessories in Butt Welding Machines

Butt welding machines are indispensable in many industries, from automotive to plumbing. Accessories for butt welders can offer benefits ranging from increased productivity to reduced costs.

Accessories help make the welding process more efficient and accurate, resulting in higher-quality welds. For example, a jig can hold the workpiece in place, reducing time spent on setup and alignment. Accessories can also protect the weld from damage—such as spatter or excessive heat—thereby reducing the risk of weld failure.

In addition, accessories can reduce the amount of energy required to complete the welding process, helping to lower energy costs. They can also expand the range of materials that can be welded, making the equipment suitable for a wider variety of applications. Finally, accessories can help reduce the time spent on post-weld cleaning. All these advantages make butt welder accessories a valuable addition to any welding process.

Accessories Increasing Efficiency in Butt Welding Machines

Butt fusion welding machines are essential tools in many manufacturing and fabrication processes. To increase their efficiency, a range of accessories can be used to facilitate the welding operation. These may include special clamps, grippers, jigs, and fixtures that help hold materials in place, as well as other tools designed to make the process easier and faster.

Accessories for butt fusion welders can also be used with automated welding systems to improve accuracy and speed while reducing operator fatigue. Using these accessories helps increase overall efficiency and makes the process more productive and cost-effective.

ELECTRICAL MOBILE CRANE

PRODUCT CODE	SIZE	MOTOR	MOBILE CRAYN
40933800	630-800	330V 1,1 KW	ELECTRIC MOBILE VINC
40933100	1000-1200	330V 1,1 KW	ELECTRIC MOBILE VINC
40933160	1600	330V 1,5 KW	ELECTRIC MOBILE VINC
40933201	2000	330V 1,5 KW	ELECTRIC MOBILE VINC



DATA LOGGER FOR HDPE PIPE BUTT WELDING MACHINE





- Machine is for record of weldings of PE – PP – PVDF pipes and fittings up to 32 Bar .Welding sizes are 40-2000
- With the shortest setup time it provides simple and fast welding record operations according to international standards DVS 2207-1, DVS 2207-11, ISO 21307.
- With it's lightweight nature provides easy handling

The Data Logger is an essential tool in the production process of HDPE (high-density polyethylene). By providing real-time data on key process parameters, it helps ensure accurate and efficient HDPE production. The Data Logger is used to measure and record temperatures, pressures, and other variables throughout the manufacturing process. This data can be used to identify potential issues, optimize production, and ensure consistent product quality. It also provides a reliable way to store information, enabling manufacturers to quickly and easily retrieve data for analysis. Overall, the Data Logger is critical to successful HDPE production and can significantly improve process accuracy and efficiency.

Using the DL-W HDPE Data Logger

A data logger such as the DL-W can be used in the production of High Density Polyethylene (HDPE) to monitor and control some of the key parameters of the manufacturing process.

HDPE is made from ethylene gas which is polymerised using a catalyst. The reaction takes place in a reactor under pressure and at high temperatures. The use of a data logger such as the DL-W can help monitor the temperature and pressure inside the reactor, which are critical parameters for ensuring the quality and consistency of the final product.

In addition, a data logger can be used to monitor the temperature and humidity of the storage environment for raw materials and finished products, which can help prevent spoilage and contamination.

In summary, the use of a data logger such as the DL-W can help monitor and control key parameters in the HDPE production process, which can help improve the quality and consistency of the final product.

- Maximum working pressure is 250 Bar
- Data Logger for PE Pipe Butt Welding Machine
- Data Logger can create hdpe welding reports for every single welding joint.
  Butt welding machines can prepare hdpe butt welding reports. Hdpe butt welding data recorder creates detailed hdpe butt welding

Code: 40525400

TECHNICAL SPECIFICATIONS	
Automatic data logging	4,000 reports
Data input	Manually with a 7" HMI touch screen
Monitoring Parameters	Welding pressures, welding times, memory control, heating element temperature
ISO 12176 traceability	Commission number, welder ID code, fitting code, 1st and 2nd pipe codes, pipe length, weather conditions, joint number, installing company
Welding standard	DVS 2207-1, DVS 2207-11, ISO 21307
Data output	USB port for data transfer
Display	HMI 7" touch monitor
Automatic data logging	4,000 reports
Data input	Manually with a 7" HMI touch screen
Approvals	CE, ISO 9001
Languages	English, Turkish, Russian, Hungaria
Battery power	Optional
Settings	Manual welding parameter input, selectable pressure transducers 100 bar or 250 bar, selectable temperature sensors PT100, K & …
Technical Specifications	Input voltage 200-250 V; Input frequency 40 Hz – 60 Hz; Weight of unit approx. 8,7 kg, Dimensions (W x H x D) 350 x 450 x 200 mm
Warranty	12 months

ELECTROFUSION WELDING MACHINES FOR HDPE PIPE



The **EF Series** electrofusion machines are microprocessor-controlled equipment designed to join electrofusion pipes and fittings quickly, safely, and repeatedly, especially in civil engineering installations, utility networks, and repair work.

How does electrofusion work?

The electrofusion fitting incorporates an internal heating element. The machine reads the fitting's barcode (scanner or stylus, depending on the model) and automatically applies the corresponding welding cycle (voltage/time), ensuring a homogeneous and highly reliable joint.

Materials and Applications

- Weldable materials (depending on the fitting): PE80 / PE100 (HDPE), PP, PPR, PVDF.
- Sectors of use: drinking water networks, sanitation, irrigation, building construction, industrial pipelines, pipe maintenance and repair.



Key Advantages

- Automatic and data-driven: barcode reading and process control.
- Traceability: cycle logging and reporting via USB (depending on the model's capacity).
- Field use: compact, robust, and easily transportable units with IP54 protection for demanding environments.
- Flexible operation: input via scanner, keypad, or manual code (up to 24 digits, depending on the model).

Standards

Designed to work in accordance with the requirements of ISO 12176 (Part 2) / UNI 10566 (depending on the model)





Product Range

- JALAPEÑO: Compact and automatic for plumbers and installers.
- CHILI: Ideal for medium-sized civil and industrial networks.
- SCOTCH BONNET: Optical pen reading, geared towards contractors.
- NAGA 48V: 48V solution for large networks and work in special power supply conditions.
- NAGA 240V: High performance for continuous construction of technological networks.
- NAGA JOLOKIA: Maximum power for large-diameter projects, with a reading scanner.

Approximate working range of the series (depending on model and accessory): from Ø 20 mm to Ø 1200 mm

ELECTROFUSION MACHINE FOR PE, PP, PVDF UP TO 125 MM

The **JALAPEÑO** is the new electrofusion unit created and dedicated specifically to all the plumbers and installers of civil installations. Is fully automatic and has been designed with the philosophy to get a welding machine that is easy to use, compact and handy to transport. It has a scanner reader to read all the fittings with barcode INTERLEAVED 2/5 and tracking code 128.







MODEL	40620125
Input Voltage	230 V ± 10% (190/265 V)
Frequency	50 Hz ± 10% (45/65 Hz)
Switch	Thermal switch
Welding Voltage	8 - 42 V
Maximum Power	2000 VA
Load capacity	25 to 60% @ 23 °C (6 cycles every 10 minutes) 18 to 100% @ 23 °C (6 cycles every 10 minutes)
Regulation System	Voltage regulation
Input Data	Automatic via Scanner Manual input via keyboard. Manual input by entering 24 digits of barcodes.
Working temperature	-10 °C / +45 °C
Storage temperature	-10 °C / +50 °C
Temperature accuracy	+/- 1 °C
International protection	IP 54 (dust and water splash)
Output Port	USB
Data Recording	500 cycles / 500 data points
Input cable	4 m
Welding cable	3 m
Terminals	4.7 mm
Adapters	4 mm
Dimensions (WxDxH)	17 x 24 x 22 cm
Weight	10 kg
Standard conformity	UNI 10566 - ISO 12176 part 2
Anti Noise Device	Compliance with standard
ISO Classification	VADX
Supplied Accessories	User Manual Straight adapters m 4.7 - h 4 mm, side box

ELECTROFUSION MACHINE FOR PE100, PE80 AND PPR UP TO 315 MM

CHILI electrofusion unit is ideal for contractor installing civil and industrial network with average dimension.

The terminals are 4 mm with 4,7 mm adaptors. The indicative working range is up to 315 mm to weld PE100, PE80 and PPR fittings.







MODEL	40634315
Input Voltage	230 V ± 10% (190/265 V)
Frequency	50 Hz ± 10% (45/65 Hz)
Welding Voltage	39.5 ± 0.5 V
Maximum power	3400 VA
Load capacity	50 A at 60% @ 23 °C (4 cycles every 15 minutes) 40 A at 100% @23 °C (4 CYCLE DI 15' / 4 CYCLE DI 15')
Regulatory system	Voltage regulation
Working temperature	-10 °C / +45 °C
Storage temperature	-10 °C / +50 °C
International protection	IP 54 (dust and water splash)
Input cable	4 m
Welding cable	3 m
Terminals	4 mm
Adapters	4.7 mm
Dimensions (WxDxH)	20 x 30 x 27 cm
Weight	16 kg
Standard conformity	ISO 12176 part 2
Anti Noise Device	Standard conformity EN 55011/03.91 - EN 50082-1/01.92
ISO Classification	VADX
Supplied accesories	User Manual Straight Adapters M4 - H4.7 mm

ELECTROFUSION MACHINE FOR PE100, PE80 AND PPR UP TO 400 MM

SCOTCH BONNET electrofusion unit is ideal for contractor installing civil and industrial network with average dimension. It has an optical pen reader to read all the fittings with barcode INTERLEAVED 2/5. The terminals are 4,7 mm with 4 mm adaptors. The indicative working range is up to 400 mm to weld PE100, PE80 and PPR fittings.



MODEL	40640400
Input Voltage	230 V ± 10% (190/265 V)
Frequency	50 Hz ± 10% (45/65 Hz)
Switch	Thermal switch
Welding Voltage	8 - 48 V
Maximum Power	4000 VA
Load capacity	50 A at 60% @ 23 °C (4 cycles every 15 minutes) 40 A at 100% @23 °C (4 CYCLE DI 15' / 4 CYCLE DI 15')
Regulation System	Voltage regulation
Input Data	Automatic via Scanner Manual input via keyboard. Manual input by entering 24 digits of barcodes.
Working temperature	-10 °C / +45 °C
Storage temperature	-10 °C / +50 °C
Temperature accuracy	+/- 1 °C
International protection	IP 54 (dust and water splash)
Output Port	USB
Data Logging	350 cycles / 350 data
Input cable	4 m
Welding cable	3 m
Terminals	4.7 mm
Adapters	4 mm
Dimensions (WxDxH)	30 x 22 x 40 cm
Weight	16 kg
Standard conformity	UNI 10566 - ISO 12176 part 2
Anti Noise Device	Standard conformity EN 55011/03.91 - EN 50082-1/01.92
ISO Classification	VADX
Supplied Accessories	Straight adapters for optical pen m 4.7 - f 4 mm Adapter case and pen

ELECTROFUSION MACHINE FOR PE100, PE80 AND PPR UP TO 630 MM

NAGA 48 V electrofusion unit has the power to meet the requirement of contractor or utility for big technological network. The unit has a SCANNER able to read all the fittings with barcode INTERLEAVED 2/5

The terminal are 4,7 mm with 4 mm adaptors. The indicative working range is up to 630 mm to weld PE100, PE80 and PPR fittings.









MODEL	40648630
Input Voltage	48 V ± 10% (45/50 V)
Frequency	50 Hz ± 10% (45/65 Hz)
Switch	Thermal switch
Welding Voltage	8 - 48 V
Maximum Power	4800 Va
Load capacity	75 A at 60% @ 23 °C (4 cycles every 15 minutes) 60 A at 100% @23 °C (4 CYCLE DI 15' / 4 CYCLE DI 15')
Regulation System	Voltage regulation
Input Data	Automatic by scanner Manual input via keyboard. Manual input by entering 24 digits of barcodes.
Working temperature	-10 °C / +45 °C
Storage temperature	-10 °C / +50 °C
Temperature accuracy	+/- 1 °C
International protection	IP 54 (dust and water splash)
Output Port	USB
Data Logging	350 cycles/ 350 data points
Input cable	4 m
Welding cable	3 m
Terminals	4.7 mm
Adapters	4 mm
Dimensions (WxDxH)	30 x 22 x 40 cm
Weight	8 kg
Standard conformity	UNI 10566 - ISO 12176 part 2
Anti Noise Device	Standard conformity EN 55011/03.91 - EN 50082-1/01.92
ISO Classification	VADX
Supplied Accessories	Adapters with lengths m 4.7 - f 4 mm Case for adapters and scanner

ELECTROFUSION WELDING MACHINE FOR PE100, PE80 AND PPR UP TO 630 MM

NAGA 240 V electrofusion unit has the power to meet the requirement of contractor or utility for big technological network. The unit has a SCANNER able to read all the fittings with barcode INTERLEAVED. 2/5

The The terminal are 4,7 mm with 4 mm adaptors. The indicative working range is up to 630 mm to weld PE100, PE80 and PPR fittings.







MODEL	40624630
Input Voltage	230 V ± 10% (190/265 V)
Frequency	50 Hz ± 10% (45/65 Hz)
Switch	Thermal Switch
Welding Voltage	8 - 48 V
Maximum Power	4800 Va
Load capacity	75 A at 60% @ 23 °C (4 cycles every 15 minutes) 60 A at 100% @23 °C (4 CYCLE DI 15' / 4 CYCLE DI 15')
Regulation System	Voltage Regulation
Input Data	Automatic via Scanner Manual input via keyboard. Manual input by entering 24 digits of barcodes.
Working temperature	-10 °C / +45 °C
Storage temperature	-10 °C / +50 °C
Temperature accuracy	+/- 1 °C
International protection	IP 54 (dust and water splash)
Output Port	USB
Data Logging	350 cycles / 350 data
Input cable	4 m
Welding cable	3 m
Terminals	4.7 mm
Adapters	4 mm
Dimensions (WxDxH)	30 x 22 x 40 cm
Weight	18 kg
Standard conformity	UNI 10566 - ISO 12176 part 2
Anti Noise Device	Standard conformity EN 55011/03.91 - EN 50082-1/01.92
ISO Classification	VADX
Supplied Accessories	User Manual Straight adapters m 4.7 - f 4 mm, adapter and scanner case

ELECTROFUSION WELDING MACHINE FOR PE100, PE80 AND PPR UP TO 1200MM

NAGA JOLOKIA is the powerful electrofusion machine. It has the power to meet the requirement of contractors or utility for the construction in continuous of big technological network.

The unit has a SCANNER able to read all the fittings with barcode INTERLEAVED 2/5.

The terminal are 4,7 mm with 4 mm adaptors. The indicative working range is up to 1200 mm to weld PE100, PE80 and PPR fittings







MODEL	40658120
Input Voltage	230 V ± 10% (190/265 V)
Frequency	50 Hz ± 10% (45/65 Hz)
Switch	Thermal switch
Welding Voltage	8 - 48 V
Maximum Power	5800 VA
Load capacity	100 A at 60% @ 23 °C (4 cycles every 15 minutes) 80 A at 100% @23 °C (4 CYCLE DI 15' / 4 CYCLE DI 15')
Regulation System	Voltage Regulation
Input Data	Automatic via Scanner Manual input via keyboard. Manual input by entering 24 digits of barcodes.
Working temperature	-10 °C / +45 °C
Storage temperature	-10 °C / +50 °C
Temperature accuracy	+/- 1 °C
International protection	IP 54 (dust and water splashes)
Output Port	USB
Data Logging	350 cycles/ 350 data points
Input cable	4 m
Welding cable	3 m
Terminals	4.7 mm
Adapters	4 mm
Dimensions (WxDxH)	24 x 31 x 26 cm
Weight	21 kg
Standard conformity	UNI 10566 - ISO 12176 part 2
Anti Noise Device	Standard conformity EN 55011/03.91 - EN 50082-1/01.92
ISO Classification	VADX
Supplied Accessories	Straight adapters m 4.7 - f 4 mm, case for adapters and scanner

PIPE ROLLERS

They are used to support and align pipes during the welding process.
Pipe rollers minimize drag and pipe friction with their ergonomic design.
Pipe rollers can handle pipes from 90 to 1200 mm.
They are easy to use thanks to their compact and lightweight design.



315



630



400



PRODUCT NAME	MODEL	WORKING RANGE	WORKING POSITION
RULLO315	41000315	63 : 315 mm	Fixed
RULLO400	41000400	63 : 400 mm	Height adjustable
RULLO630	41000630	250 : 630 mm	Height adjustable
ROLLER (315-1200 mm)	41035120	315 : 1200 mm	-

ORBITAL SCRAPER FOR PE100, PE80, PPR D25-125MM

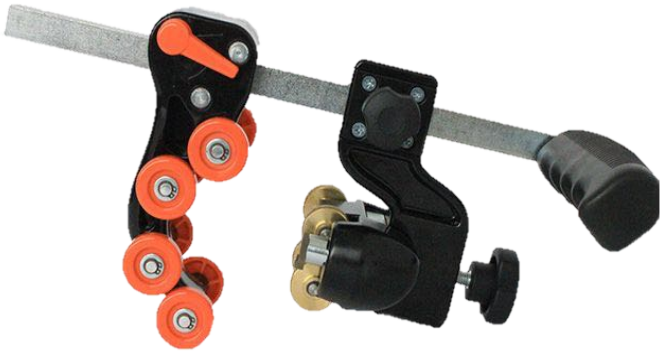
Essential for plumbing and heating, here is the latest version of the Orbital Scraper.

It is essential for preparing male terminals for pre-weld female fittings. It can scrape surfaces equal to twice the weld area of sleeves for repair.

Compliant with **UNI10566** and **UNI10521** standards. Is suitable for use **from 25 to 125 mm**. Mounted on the end of the pipes, it scrapes down to their length as needed.

Excellent for repairs, i.e., when scraping normally twice the area to be welded. It scrapes the weld areas of collars and saddles. It does not require the use of any type of wrench.

With just two fingers, both jaws are instantly positioned. It compensates for the normal ovality of pipes. It has no screws for its operation. Very refined ergonomics and no sharp edges.







PRODUCT NAME	TORO 125WW
Model	**41102125**
Working Range	25 - 125 mm / 1.00 - 4.92 in
Scraping Areas	Female connector and saddle
Scraping depth	0.2 mm - 0.394 in
Blade width	10 mm - 0.394 in
Scraping lenght	unlimited
Weight	TORO125ww - 1.80 kg / 3.97 lb
Working dimensions	TORO125ww - 233x145x125 mm
Supplied Accessories	user manual canvas bag

ORBITAL SCRAPER FOR PE100, PE80, PPR D63-200MM

Innovative scraper, extremely useful for preparing male terminals for female fittings.

It can scrape surfaces equal to twice the welding area of sleeves for repair purposes. Effective on collars or electrofusion tapping tees; with each cycle, its scrapes 0.2 mm. Complies with **UNI10566** and **UNI10521** standards.

Working range **from 63 to 200 mm** . Mounted on the end of the pipes, it scrapes along their length up to the required length.

It scrapes the welding areas of collars and saddles. It does not require the use of any type of wrench. With just two fingers, both jaws are immediately positioned. It compensates for the normal ovality of pipes.

It does not require screws for its operation. Very refined ergonomics and absence of sharp edges.







PRODUCT NAME	TORO 200WW
Model	**41102200**
Working Range	63 - 200 mm / 2.48 - 7.87 in
Scraping Areas	female connector and saddle
Scraping depth	0.2 mm - 0.394 in
Blade width	10 mm - 0.394 in
Scraping length	Without limits
Weight	TORO200ww - 2.80 kg / 6.17 lb
Working dimensions	TORO200ww - 342x223x160 mm
Supplied Accessories	user manual canvas bag

MANUAL SCRAPER WITH BLADE 4 X 60 MM

Ergonomic handle for a plastic scraper; square blade with four blades and an insert screw.

PRODUCT NAME	TORO M4
Model	41201060
Working Range	Manual
Scraping Depth	nd
Blade width	4 x 60 mm
Scraping length	nd
Weight	0.3 kg
Dimensions	200x60x20 mm



SCISSOR PIPE CUTTER FOR PE AND PEX 42 MM

F40 shears squeeze together for fast cutting of thin wall and small diameter PE, PEX, Rubber or Nylon tubes. Rotate shears around tubing while squeezing andles together for the best cut.



CUTTERS FOR PLASTIC				
PRODUCT NAME	MODEL	PIPE CAPACITY	WEIGHT	LENGTH
F40	41201042	42 mm	0.1 Kg	210 mm

SCISSORS PIPE CUTTER FOR PE AND PVC 63 MM

Extremely easy-to-use manual pipe cutters. F63 one-hand style, 2"capacity shears cut PE, PVC.



CUTTERS FOR PLASTIC				
PRODUCT NAME	MODEL	PIPE CAPACITY	WEIGHT	LENGTH
F63	41201063	63 mm	1.1 kg	337 mm

PIPE CUTTER FOR PE AND PEX 42MM

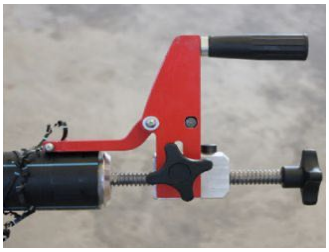


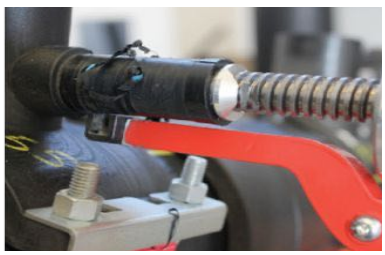
CUTTERS FOR PLASTIC				
PRODUCT NAME	MODEL	PIPE CAPACITY	WEIGHT	LENGTH
P42	41201043	42 mm	0.4 Kg	260 mm

ORBITAL SCRAPER FOR PE100, PE80, PPR D20-63MM

The scraper work tangent to the surface of the pipe and removes the oxidized surface of the pipe. Professional orbital scraper for pipe and fittings end. Working range from 20 to 63 mm.

The pipe scraper consists of an adjustable spindle to cover all diameters within the working range and an orbital arm with a blade holder, positionable on the pipe/fitting with the simple press of a finger.







PRODUCT NAME	TRS63
Model	**41102063**
Working Range	20-63 mm
Scraping Areas	Pipe end and spigot fittings
Scraping depth	0.2 mm - 0.394 in
Blade width	0.4 mm / 0.788 in
Scraping length	70 mm
Weight	4.80 kg
Supplied Accessories	user manual, plastic box

ORBITAL SCRAPER FOR PE100, PE80, PPR D75-180MM

The TRS 180 is a professional orbital pipe scraper essential for preparing plastic pipes/fittings for electrofusion welding. The **TRS 180** removes the layer of oxidation that forms on pipes or fittings in a practical and easy-to-use manner.

The pipe scraper is composed of an adjustable spindle to cover all diameters within the working range and an orbital arm with a blade holder, positionable on the pipe/fitting **with the simple press of a finger.**









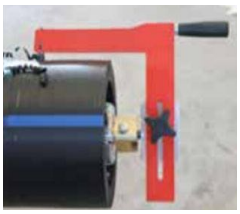
PRODUCT NAME	TRS180
Model	**41101180**
Working Range	75-180 mm
Scraping Areas	Pipe end and spigot fittings
Scraping depth	0.2 mm - 0.394 in
Blade width	0.4 mm / 0.788 in
Scraping length	170 mm
Weight	4.84 kg
Supplied Accessories	user manual, plastic box

ORBITAL SCRAPER FOR PE100, PE80, PPR D200-400MM

The TRS 400 is a professional orbital pipe scraper essential for preparing plastic pipes/fittings for electrofusion welding.

The **TRS 400** removes the layer of oxidation that forms on pipes or fittings in a practical and easy-to-use manner.

The pipe scraper consists of an adjustable spindle to cover all diameters within the working range and an orbital arm with a blade holder, positionable on the pipe/fitting with the simple press of a finger.









PRODUCT NAME	TRS400
Model	**41101400**
Working Range	200-400 mm
Scraping Areas	Pipe end and spigot fittings
Scraping depth	0.2 mm - 0.394 in
Blade width	0.4 mm / 0.788 in
Scraping lenght	210 mm
Weight	8.50 kg
Supplied Accessories	user manual, plastic box

ORBITAL SCRAPER FOR PE100, PE80, PPR D75-180MM

Professional orbital scraper for pipe and fittings end. Working range from 75 to 180 mm. The scraper mechanical arm works on a adjustable spindle to cover all sizes of the working range. The scraper works tangent to the surface of the pipe and removes the oxidized surface of the pipe. .

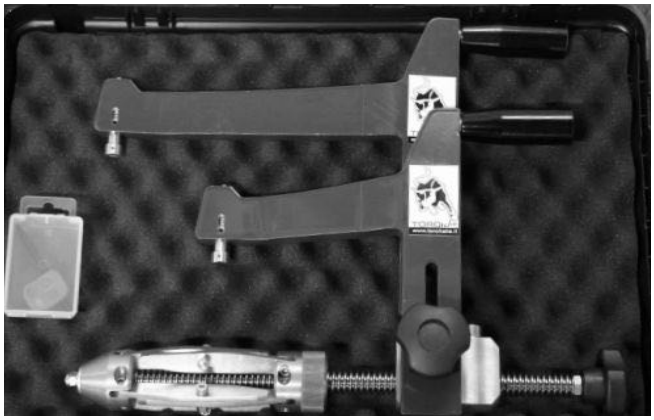
Double arm for better depth of scraping:
- 1°arm:125mm
- 2° arm: 205mm



ORBITAL SCRAPER FOR PE100, PE80, PPR D3-6"

Professional orbital scraper for pipe and fittings end. Working range from 3" IPS - 6" DIPS. The scraper mechanical arm works on a adjustable spindle to cover all sizes of the working range. The scraper works tangent to the surface of the pipe and removes the oxidized surface of the pipe.

Double arm for better depth of scraping:
- 1° arm: 125mm / 4.92in
- 2° arm: 205mm / 8.07in



PRODUCT NAME	MODEL	WORKING RANGE	SCRAPING AREAS	SCRAPING DEPTH	BLADE WIDTH	SCRAPING LENGTH	WEIGHT	SUPPLIED ACCESSORIES
TRS 180XL	**41102180**	75-180 mm	Pipe end and spigot fittings	0.2mm / 0.394 in	0.4mm / 0.788 in	125mm	4.84 kg	Use the manual/ plastic box
TRS 6”	**41102151**	3” IPS – 6” DIPS	Pipe end and spigot fittings	0.2mm / 0.394 in	0.4mm / 0.788 in	125 – 205mm / 4.92in – 8.07in	4.84 kg	Use the manual/ plastic box

ORBITAL SCRAPER FOR PE100, PE80, PPR D200-400MM

Professional orbital scraper for pipe and fittings end. Working range from 200 to 400 mm.The scraper mechanical arm works on a adjustable spindle to cover all sizes of the working range. The scraper works tangent to the surface of the pipe and removes the oxidized surface of the pipe.

Depth of scraping: 310mm



ORBITAL SCRAPER FOR PE100, PE80, PPR D8-16"

Professional orbital scraper for pipe and fittings end. Working range 8" IPS - 16" DIPS. The scraper mechanical arm works on a adjustable spindle to cover all sizes of the working range. The scraper works tangent to the surface of the pipe and removes the oxidized surface of the pipe.

Depth of scraping: 310mm / 12.20in



PRODUCT NAME	MODEL	WORKING RANGE	SCRAPING AREAS	SCRAPING DEPTH	BLADE WIDTH	SCRAPING LENGTH	WEIGHT	SUPPLIED ACCESSORIES
TRS 400XL	**41102400**	200-400 mm	Pipe end and spigot fittings	0.2mm / 0.394 in	0.4mm / 0.788 in	310 mm	9.00 kg	Use the manual/ plastic box
TRS 16”	**41102406**	8" IPS - 16" DIPS	Pipe end and spigot fittings	0.2mm / 0.394 in	0.4mm / 0.788 in	310mm / 12.20in	9.00 kg	Use the manual/ plastic box

ORBITAL SCRAPER FOR PE100, PE80, PPR D450-800MM

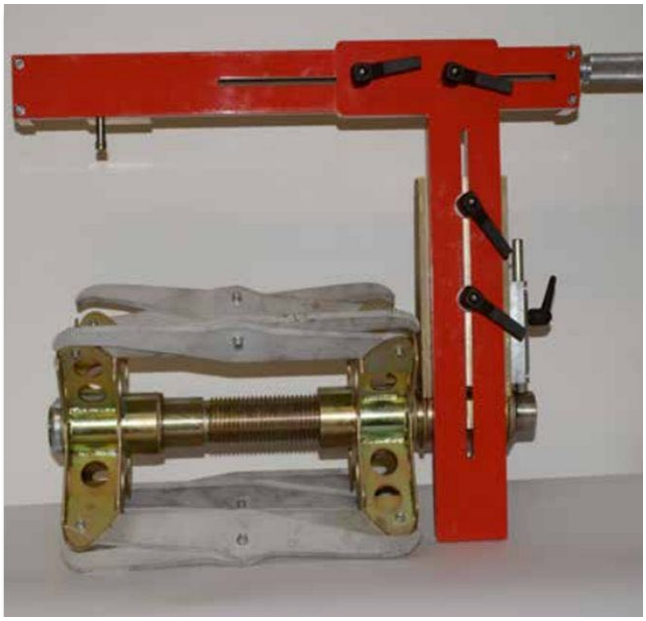
The TRS 800 is a professional orbital pipe scraper essential for preparing plastic pipes/fittings for electrofusion welding.

The **TRS 800** removes the layer of oxidation that forms on pipes or fittings in a practical and easy-to-use manner.

The pipe scraper consists of an adjustable spindle to cover all diameters within the working range and an orbital arm with a blade holder, positionable on the pipe/fitting with the simple press of a finger.







PRODUCT NAME	TRS800
Model	**41102800**
Working Range	450-800 mm
Scraping Areas	Pipe end and spigot fittings
Scraping depth	0.2 mm - 0.394 in
Blade width	0.4 mm / 0.788 in
Scraping lenght	
Weight	31 kg
Supplied Accessories	user manual, plastic box

C-SHAPED PIPE CUTTER D6-63MM

C-shaped pipe cutters are easy and convenient to use. This pipe cutter is suitable for small, medium, and large-scale jobs. The C-shaped pipe cutter makes a clean, **90° cut**, without leaving burrs or small chips on the work area.



C-SHAPED PIPE CUTTER D129-254MM

Reed uses a ball or threaded screw retention for the blade.



ORBITAL CUTTERS FOR PLASTIC								
PRODUCT NAME	MODEL	PIPE CAPACITY	BLADE EXPOSURE	BLADE CODE	WEIGHT	LENGTH	OPT. BLADE	BLADE EXPOSURE COPPER ALUMINIUM BRASS METAL PIPES
C63	41201064	6 - 63 mm	7 mm	OP2	0.5 kg	203 mm	-----	-----
C125	41201125	63 - 125 mm	14 mm	6QP	1.4 kg	330 mm	30-40	6.4 mm
C160	41201160	102 - 168 mm	19 mm	80P	1.8 kg	381 mm	30-40	6.4 mm
C250	41201250	159 - 254 mm	19 mm	80P	3.6 kg	660 mm	30-40	6.4 mm

GUILLOTINE CUTTERS G125/315

G series cutters, complete with Gsafe, are assembled on REED guillotine cutters. The cutting is done safely and with a special STOP the shield act as support allowing the operator to choose exactly the best place to make the cut without trouble due to the weight of the tool. Special features of these cutters is the completely covered Teflon blade which facilitates the sliding of the same as it progresses.



Cutter are for PE and PPR with an offset of only 3 mm. Great for those who work with electrofusion fittings and also valid with the welding process for polyfusion head.

It does not produce chips. It 'easy to replace or sharpen the blade.

Gsafe Kit are also available for VIRAX guillotine cutters.



CUTTING SYSTEMS FOR PLASTIC				
PRODUCT NAME	**MODEL**	**PIPE SDR**	**WEIGHT**	**LENGTH**
G125	63-125 mm	6-9-7.4-11-17-17.6	7.1 kg	482 mm
G225	90-225 mm	6-9-7.4-11-17-17.6	15.9 kg	750 mm
G315	125-335 mm	6-9-7.4-11-17-17.6	45.5 kg	1295 mm
KIT Gsafe125 REED	Safe and stable cutting kit		1 kg	
KIT Gsafe225 REED	Safe and stable cutting kit		1.5 kg	
KIT Gsafe315 REED	Safe and stable cutting kit		2 kg	
KIT Gsafe125 VIRAX	Safe and stable cutting kit		1 kg	
KIT Gsafe225 VIRAX	Safe and stable cutting kit		1.5 kg	
KIT Gsafe315 VIRAX	Safe and stable cutting kit		2 kg	

CUTTING SYSTEM FOR PLASTIC AND FIBERGLASS

Pipe cutter for plastic and GRP - fiberglass. Ideal for work inside the trench where spark-powered equipment cannot or should not be used.

Easy assembly, it orbits the pipe on synthetic wheels; minimum diameter 110 mm and maximum diameter 800 mm.

Each cutters needs just 150 to 200 mm clearance around the pipe, Outboard rollers keep the cutter aligned on pipe, ensuring a square cut every time.





CUTTING SYSTEMS FOR PLASTIC AND GRP - FIBERGLASS					
PRODUCT NAME	**MODEL**	**PIPE CAPACITY**	**BLADE EXPOSURE**	**WEIGHT**	**SECTIONS USED**
HOOK 225	**41202240**	110-240 mm	50 mm	17.7 kg	A0, C0
HOOK 315	**41202315**	160-335 mm	50 mm	23.6 kg	A, B, C
HOOK 500	**41202500**	355-500 mm	38 mm	25.9 kg	B, C (2 pcs), D
HOOK 630	**41202630**	355-630 mm	26 mm	28.2 Kg	B, C (3 pcs), D
HOOK 800	**41202800**	355-800 mm	26 mm	30.9 Kg	B, C (4 pcs), D

PIPE CUTTER FOR STEEL D19-54 MM



PIPE CUTTER FOR STEEL D10-63 MM



PIPE CUTTER FOR STEEL D21-63MM



PRODUCT NAME	MODEL	RANGE
3 WHEEL	41203054	Ø 3/4″ – 2 1/8″
1 WHEEL	41203063	Ø 1/8″ – 2″
4 WHEEL	41204063	Ø 1/2″ – 2″

PIPE CUTTER FOR STEEL

Cutting for metal – universal key – searchers bar



PRODUCT NAME	MODEL	RANGE	DESCRIPTION
HING 2 1/2	41203076	Ø 1″ – 2 1/2″	Pipe cutter for steel d32-76 mm
HING 4	41203125	Ø 2″ – 4″	Pipe cutter for steel d60-125 mm
HING 6	41203182	Ø 4″ – 6″	Pipe cutter for steel d114-182 mm
HING 8	41203240	Ø 6″ – 8″	Pipe cutter for steel d168-240 mm
HING 12	41203356	Ø 8″ – 12″	Pipe cutter for steel d219-356 mm

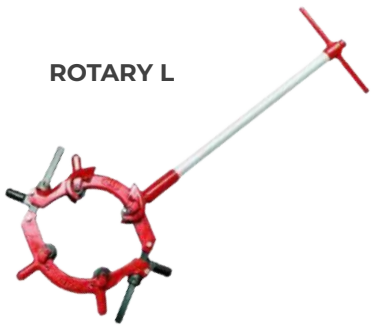
ROTARY CUTTING SYSTEM FOR STEEL PIPES

Cutting for metal – universal key – searchers bar

ROTARY R



ROTARY L



PRODUCT NAME	MODEL	RANGE	DESCRIPTION
ROTARY L8	41203246	Ø 6″ – 8″	Rotary cutting system for steel pipes d159-246 mm
ROTARY L12	41203358	Ø 10″ – 14″	Rotary cutting system for steel pipes d266-358 mm
ROTARY L16	41203462	Ø 16″ – 18″	Rotary cutting system for steel pipes d368-462 mm
ROTARY R20	41203572	Ø 20″ – 22″	Rotary cutting system for steel pipes d476-572 mm
ROTARY R24	41203660	Ø 22″ – 26″	Rotary cutting system for steel pipes d584-660 mm
ROTARY R30	41203864	Ø 28″ – 34″	Rotary cutting system for steel pipes d698-864 mm
ROTARY 36	41203915	Ø 32″ – 36″	Rotary cutting system for steel pipes d813-915 mm

UNIVERSAL WRENCH FOR WATER VALVES IN PIPES AND FOR FIRE HYDRANTS

GeoFittings

UNIVERSAL KEY

The UniKey is a brand new product designed for operating or basically turning "on" or "off" water, gas and industrial application valves and/or hydrants of various designs whereby a normal Valve Key or special tool such as a Crutch Key is currently being used. The design philosophy is that 'one key fits all' - therefore it will 'fit' all known valve and hydrant spindle shapes and sizes and cater for broken or missing stem caps. It can also be used on irregular shapes such as stop tap handles... even if they are damaged or incomplete!

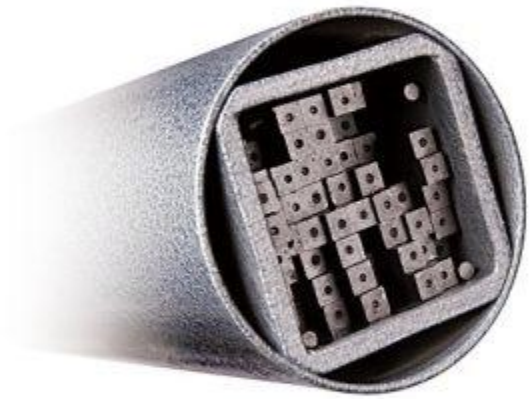
The aluminium key is commonly used on hydrants and the steel key is used on all other valves. Used in conjunction with the shaft extensions the user is also equipped to operate 'deeper' valves whilst reducing the risk of physical strain injuries.

Features:

The Hy-Ram Universal Valve Key Kit fits all known valve spindles and stem caps and therefore mitigates the need for operators to transport and carry a multitude of 'dedicated' Valve Keys of differing shapes and sizes. The UniKey is manufactured in two sizes: a 'Small' Key designed around Water Valves on pipes up to 12" (300mm) diameter por Fire Hydrants and a 'Large' Key for use on valves above 12" diameter. The Kit also comes complete with two shaft extensions: 400mm and 700mm long. These can be secured to the top of the Valve Key Shaft; particularly useful when encountering 'deep' valves where no traditional extension spindle has been fitted.

The 'Tee' Handle has a handy chisel end for prising open access covers.





PRODUCT NAME	UNI-KEY
Model	41300300
KEY FEATURES	One-size-fits-all design
	Robust construction, welded and powder coated.
	Available individually or as a kit.
	Integral 'Tee' Handle with 'Chisel' end
	Shaft extensions available
	Suitable for gas and water

	LENGTH	HEAD
Key A	1000 mm	50 mm
Key B	1000 mm	62 mm
Aluminum Key	1000 mm	
Chisel C	750 mm	
Extension D	700 mm	
Extension E	400 mm	

PIPE ALIGNER (UNICLAMP)

Uniclamp are a new brand range of electrofusion clamping system in conformity to UNI10521.

The most compact, strong and accurate on the market.



UNICLAMP32



UNICLAMP63



UNICLAMPTEE63



UNICLAMP180+ UNICAMPKIT



UNICLAMP180

PIPE ALIGNER (MULTICLAMP)

Click-tight liners for quick and easy adjustment for different pipe diameter. Screw and allen key are not required. Available with four jaws simply adding two clamps and liners.







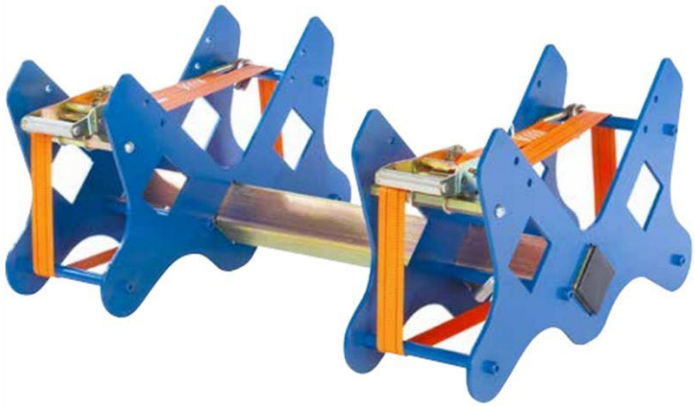
PIPE ALIGNERS				
PRODUCT NAME	MODEL	WORKING RANGE	WORKING POSITION	NUMBER OF JAWS/BELTS
UNICLAMP32	41402032	16-20-25-32 mm	LINE - 45° - 90° - RD	2
UNICLAMP63	41402063	16-20-25-32-40-50-63 mm	LINE - 45° - 90° - RD	2
UNICLAMTEE63	41403063	16-20-25-32-40-50-63 mm	LINE - 45° - 90° - RD - TEE	3
UNICLAMP180	41402180	63 : 180 mm	RD LINE	2
UNICLAMPKIT	41401180	63 : 180 mm	45° - 90° - RD - TEE	1
MULTICLAMP180	41404180	63-75-90-110-125-140-160-180 mm	45° - 90° LINE - RD	2 or 4

PIPE AND TEE ALIGNER WITH TAPE (STRAPCLAMP)

Simply positioning clamp, light and robust.

With strong belt to easily fix big size pipe.





CLAMPING SYSTEM				
PRODUCT NAME	MODEL	WORKING RANGE	WORKING POSITION	NUMBER OF JAWS/BELTS
STRAPCLAMP63	41404063	20 : 63 mm	LINE - 45° - 90° - TEE	4
STRAPCLAMP250	41404250	63 : 250 mm	LINE - 45° - 90° - RD - TEE	4
STRAPCLAMP500	41404500	125 : 500 mm	45° - 90° LINE - RD	4
STRAPCLAMPKIT	41402500	125 : 500 mm	RD - TEE	2

PIPE SQUEEZE OFF TOOL FOR PE100, PE80, PE63; diameter range up to 32mm

The pipe squeeze off tool is a tool that facilitates and speeds up gas flow interruption operations. The clamping levers are sized to ensure minimal effort during use.



PIPE SQUEEZE OFF TOOL FOR PE100, PE80, PE63; diameter range 20-25-32-40-50-63mm

The lower jaw is equipped with pins for positioning and centering to prevent detachment. **Multiple adjustable safety catches.**



PIPE SQUEEZE OFF TOOL FOR PE100, PE80, PE63 diameter range 63-75-90-110-125mm

Fully galvanized surfaces. **Lightweight to facilitate** crushing operations.





PRODUCT NAME	MODEL	DIAMETER RANGE	SDR	COMPLETE WITH PIPE STOP
SK 32	41611032	32 mm	11	SDR 11
SK 63	41602063	20-25-32-40-50-63 mm	11 - 17.6	SDR 11
SK 125	41603125	63-75-90-110-125 mm	(<90 mm 11) - 17.6 - 21	SDR 11 - 17.6
SK 180	41603180	63-75-90-110-125-140-160-180 mm	11 -17.6 - 21	None
PS1	41611180	63-75-90-110-125-140-160-180 mm	11	SDR 11
PS2	41617180	63-75-90-110-125-140-160-180 mm	17.6	SDR 17.6
PS3	41602180	90-125-180 mm	11 - 17.6	SDR 11 - 17.6
PS9	41611181	63-75-90-125-180 mm	11	SDR 11
	41617181	125-180 mm	17.6	SDR 17.6

PIPE SQUEEZE OFF TOOL FOR PE100, PE80, PE63; diameter range 63-75-90-110-125-140-160-180-200 mm

Squeeze off is a tool for **PE100, PE80, PE63** which facilitates and speeds up the interruption of the gas flow



PIPE SQUEEZE OFF TOOL FOR PE100, PE80, PE63; DIAMETER RANGE 250-280-315-355-400 MM

The clamping levers are sized to ensure a minimum effort during use.



PIPE SQUEEZE OFF TOOL FOR PE100, PE80, PE63; DIAMETER RANGE 90-110-125-140-160-180-200-225-250 MM

Lower jaw with pins for the position and centering to prevent detachment. Multiple safety pipes stop and adjustable. Fully galvanized surfaces. **Light weight for easier squeezing.**



PRODUCT NAME	MODEL	DIAMETER RANGE	SDR	COMPLETE WITH PIPE STOP
SK200	**41603200**	63-75-90-110-125-140-160-180-200 mm	11 - 17.6 - 21	none
PS4	**41611250**	63-75-90-110-125-140-160-180-200 mm	11	11
PS5	**41617250**	63-75-90-110-125-140-160-180-200 mm	17.6	17.6
SK250	**41603250**	90-110-125-140-160-180-200-225-250 mm	11 - 17.6 - 21	none
SK400	**41604400**	250-280-315-355-400 mm	11 - 17.6 - 21 - 26	Single size kit on request
SK500	**41604500**	315-355-400-450-500 mm	11 - 17.6 - 21 - 26	none

PIPE RE-ROUNDER

The post squeeze off re-rounding tools are available in two models: Single and Multi Size.





PRODUCT NAME	MODEL	DIAMETER RANGE (MM)
RER 6390	41701090	63-75-90
RER 110180	41701180	110-125-140-160-180
RER 180250	41701250	180-200-225-250
RER 63	41700063	63
RER 75	41700075	75
RER 90	41700090	90
RER 110	41700110	110
RER 125	41700125	125
RER 140	41700140	140
RER 160	41700160	160
RER 180	41700180	180
RER 200	41700200	200
RER 225	41700225	225
RER 250	41700250	250

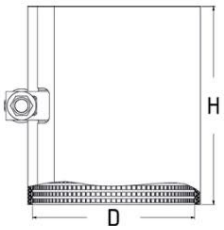
REPAIR CLAMP WITH ONE AND TWO BOLTS

GeoFittings

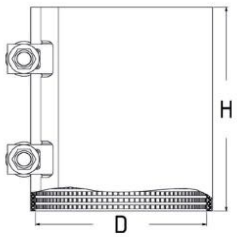
• MOP 6 / PN 16 • Spheroidal cast iron clamp GJS-600-3

• AISI 304 stainless steel band • NBR 60 Sh.A gasket • Fasteners in galvanized steel







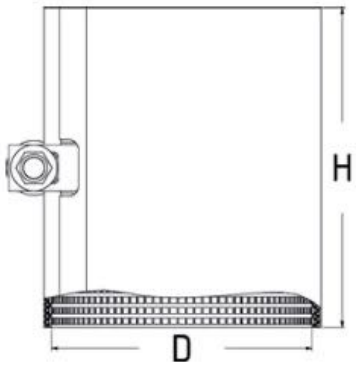


PRODUCT CODE	D MIN-MAX	D INCHES	H	KG	CONF.
50101021	21-25	1/2"		0,24	18
50101026	26-30	3/4"		0,24	18
50101029	29-31			0,30	15
50101037	32-37	1"		0,30	15
50101038	38-42			0,32	12
50101042	42-45	1¼		0,32	12
50101044	44-48			0,34	12
50101048	48-51	1½		0,34	12
50101050	50-54			0,34	10
50101055	55-60			0,36	10
50101060	60-64	2"		0,38	8
50101065	65-69			0,40	8
50101069	69-73			0,45	8
50101071	71-75			0,52	8
50101076	76-82	2½		0,54	6
50101082	82-87			0,56	6
50101087	87-93	3"		0,56	6
50101094	94-100	3½	76	0,58	4
50101099	99-104			0,60	4
50101105	105-111			0,60	4
50101112	112-118	4"		0,62	4
50101118	118-124			0,62	10
50101120	120-126			0,62	10
50101126	126-131			0,62	10
50101131	131-136			0,68	12
50101139	139-145	5"		0,68	12
50101143	143-149			0,68	12
50101149	149-155			0,72	12
50101156	156-162			0,72	10
50101167	167-173	6"		0,72	10
50101173	173-179			0,72	10
50101198	198-204			0,72	6
50101205	205-211	7"		0,80	5
50101217	217-223	8"		0,80	5
50101223	223-229			1,00	5

PRODUCT CODE	D MIN-MAX	D INCHES	H	KG	CONF.
50102215	21-25	1/2"		0,58	12
50102260	26-30	3/4"		0,58	12
50102291	29-31			0,60	9
50102327	32-37	1"		0,62	9
50102382	38-42			0,64	9
50102425	42-45	1¼		0,64	9
50102448	44-48			0,68	6
50102481	48-51	1½		0,68	6
50102504	50-54			0,68	6
50102550	55-60			0,70	4
50102604	60-64	2"	152	0,70	4
50111762	76-82	2½		0,80	4
50102827	82-87			0,85	3
50102873	87-93	3"		0,88	2
50102940	94-100	3½		0,95	2
50102128	112-118	4"		0,98	2
50102184	118-124			1,10	10
50102395	139-145	5"		1,20	10
50102439	143-149			1,40	10
50102673	167-173	6"		1,60	10
50102723	217-223	8"		1,80	5

ONE-BOLT SLEEVE REPAIR CLAMP



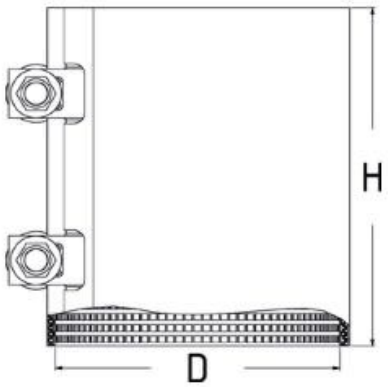


- MOP 6 / PN 16
- Spheroidal cast iron clamp GJS-600-3
- AISI 304 stainless steel band
- NBR 60 Sh.A gasket
- Fasteners in galvanized steel

PRODUCT CODE	D	H	KG	CONF.
50201020	¾		0,35	18
50201025	1"		0,40	15
50201032	1¼	76	0,40	12
50201040	1½		0,45	12
50201050	2"		0,50	8

TWO-BOLT SLEEVE REPAIR CLAMP



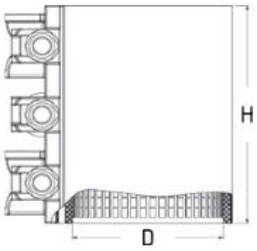


- MOP 6 / PN 16
- Spheroidal cast iron clamp GJS-600-3
- AISI 304 stainless steel band
- NBR 60 Sh.A gasket
- Fasteners in galvanized steel

PRODUCT CODE	D	H	KG	CONF.
50202220	¾"		0,70	12
50202225	1"		0,80	9
50202232	1¼"	152	0,80	9
50202240	1½"		0,90	6
50202250	2"		1,00	4

THREE AND FIVE-BOLT REPAIR CLAMPS





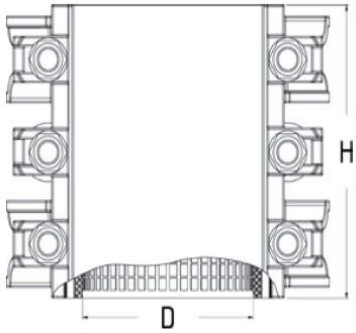
- MOP 6 ≤ OF 275 > MOP 4
- PN 16 ≤ OF 275 > PN 10
- Spheroidal cast iron clamp GJS-500-7
- AISI 304 stainless steel band
- NBR 60 Sh.A gasket
- Fasteners in galvanized steel

PRODUCT CODE	D MIN-MAX	THREE-BOLT H	KG
50203485	48-56		3,50
50203566	56-64		3,58
50203606	60-68		3,65
50203687	68-78		3,70
50203788	78-88		3,74
50203889	88-98		3,74
50203981	98-108		3,65
50203811	108-118		3,75
50203412	114-126		3,80
50203613	126-138		4,14
50203815	138-150		4,22
50203453	140-153		4,22
50203562	150-162		4,38
50203674	162-174		4,50
50203682	168-182		4,50
50203746	174-186	200	4,60
50203898	186-198		4,65
50203910	198-210		4,80
50203123	210-223		4,88
50203234	222-234		4,98
50203346	234-246		5,12
50203455	243-255		5,12
50203672	260-272		5,16
50203785	273-285		5,16
50203897	285-297		5,20
50203910	298-310		5,40
50203128	316-328		5,62
50203740	327-340		6,00
50203255	342-355		6,20
50203565	353-365		6,20
50203680	368-380		6,40
50203790	378-390		6,40

PRODUCT CODE	D MIN-MAX	FIVE-BOLT H	KG
50205486	48-56		
50205564	56-64		
50205608	60-68		
50105688	68-78		5,65
50205888	78-88		6,18
50205898	88-98		6,18
50225988	98-108		6,20
50205818	108-118		6,84
50205426	114-126		6,84
50205638	126-138		7,00
50205850	138-150		7,02
50205415	140-153		
50205516	150-162		7,02
50205617	162-174		7,22
50205618	168-182		7,22
50205718	174-186	300	7,30
50205819	186-198		7,60
50205921	198-210		7,60
50205122	210-223		8,14
50205222	222-234		8,14
50205344	234-246		8,14
50205425	243-255		8,20
50205627	260-272		8,30
50205728	273-285		8,82
50205829	285-297		8,82
50205931	298-310		9,10
50205163	316-328		9,38
50205734	327-340		9,38
50205235	342-355		10,40
50205536	353-365		10,50
50205638	368-380		10,70
50205739	378-390		10,80

DOUBLE BAND REPAIR CLAMPS



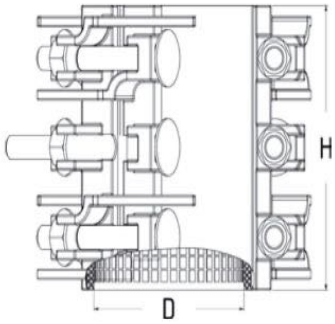


- MOP 6 ≤ OF 275 > MOP 4
- PN 16 ≤ OF 275 > PN 10
- Spheroidal cast iron clamp GJS-500-7
- AISI 304 stainless steel band
- NBR 60 Sh.A gasket
- Fasteners in galvanized steel

PRODUCT CODE	D MIN-MAX	THREE-BOLT H	THREE-BOLT KG	FIVE BOLTS H	FIVE BOLTS PRODUCT CODE	FIVE BOLTS KG	EIGHT-BOLT H	EIGHT-BOLT PRODUCT CODE	EIGHT-BOLT KG
50303810	88-110		5,85		**50305811**	10,53		**50308881**	
50303828	108-128		5,90		**50305812**	10,68		**50308081**	
50303437	114-137		6,00		**50305413**	10,78		**50308141**	
50303860	138-160		6,10		**50305816**	11,00		**50308381**	
50303682	160-182		6,20		**50305618**	11,25		**50308601**	
50303802	182-202		6,30		**50305820**	11,50		**50308822**	16,80
50303224	202-224		6,40		**503105202**	11,65		**50308022**	17,10
50303724	217-240		6,50		**50305740**	11,78		**50308172**	17,30
50303462	240-262		6,75		**50305426**	12,13		**50308242**	18,00
50303684	262-284	200	7,05	300	**50305628**	12,33	500	**50308622**	18,80
50303796	273-296		7,10		**50305729**	12,68		**50308732**	19,00
50303919	296-319		7,35		**50305931**	13,13		**50308963**	19,60
50303246	324-346		7,95		**50305234**	14,13		**50308243**	21,20
50303468	346-368		8,10		**50305436**	14,53		**50308463**	21,60
50303687	365-387		8,20		**50305638**	14,68		**50308653**	21,90
50303810	387-410		8,30		**50305841**	15,08		**50308874**	22,10
50303132	410-432		8,45		**50305143**	15,38		**50308104**	22,50
50303445	428-450		8,60		**50305245**	15,68		**50308284**	22,90
50303447	450-474		8,75		**50305547**	16,20		**50308504**	23,30
50303449	470-492		8,85		**50305749**	16,40		**50308704**	23,60
50303451	492-516		9,10		**50305951**	16,78		**50308925**	24,30

TRIPLE BAND REPAIR CLAMPS



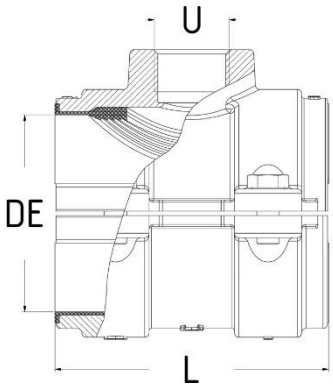


- MOP 3 / PN 10 ≤ D 500 > MOP 1 / PN 6
- > D 600 MOP 0,5 / PN 4
- > D 700 MOP 0,5 / PN 2
- > D 800 MOP 0,5 / PN 1
- Spheroidal cast iron clamp GJS-500-7
- AISI 304 stainless steel band
- NBR 60 Sh.A gasket
- Fasteners in galvanized steel

PRODUCT CODE	D MIN-MAX	THREE-BOLT H	THREE-BOLT KG	FIVE-BOLT H	FIVE-BOLT PRODUCT CODE	FIVE-BOLT KG	EIGHT-BOLT H	EIGHT-BOLT PRODUCT CODE	EIGHT-BOLT KG
50403333	300-330		9,90		**50405303**	16,50		**501408330**	26,40
50403336	330-360		10,10		**50405306**	16,80		**50408360**	26,90
50403339	360-390		10,20		**50405369**	17,00		**50408390**	27,20
50403342	390-420		10,30		**50405392**	17,20		**50408320**	27,50
50403445	420-450		10,50		**50405425**	17,50		**50408450**	28,00
50403448	450-480		10,70		**50445458**	17,80		**50408480**	28,50
50403451	480-510		10,90		**50405481**	18,20		**50408410**	29,00
50403554	510-540	200	11,10	300	**50405514**	18,50	500	**50408540**	29,60
50403557	540-570		11,30		**50405547**	18,80		**50408570**	30,10
50403560	570-600		11,60		**50405500**	19,30		**50408576**	30,90
50403663	600-630		11,80		**50405603**	19,60		**50408606**	31,50
50403666	630-660		12,00		**50405636**	20,00		**50408660**	32,00
50403669	660-690		12,20		**50405609**	20,30		**50408690**	32,50
50403672	690-720		12,40		**50405692**	20,70		**50408920**	33,00
50403775	720-750		12,60		**50405725**	21,00		**50408727**	33,60

SLEEVE TAPPING SADDLE





- Covers made of ductile cast iron GJS-500-7 according to UNI EN 1563, with baked electrostatic epoxy powder coating (RAL 5005), thick.250pm, nontoxic.

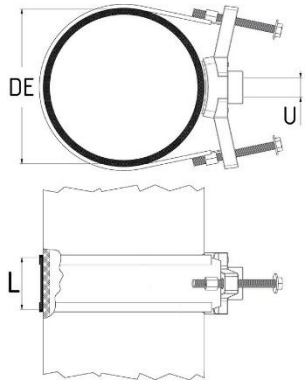
- EPDM sealing double thickness gasket with lamellar sealing seat and profiled edges, compliant with DM174/2004 for use on potable water systems.

- AISI 304 stainless steel fixing nuts, bolts and washers.

PRODUCT CODE	DE	L	BOLTS	U (DN DERIVATION)				
				3/4"	1"	1 1/4"	1 1/2"	2"
				KG	KG	KG	KG	KG
50504050	50	90	4	1,60	1,50	1,40		
50504063	63	90	4		2,00	1,90	2,50	2,30
50504075	75	115	4		2,40	2,30	2,70	2,50
50504090	90	120	4		2,90	2,80	3,20	3,00
50504110	110	120	4		3,00	2,90	3,20	3,00
50504125	125	120	4		3,35	3,25	3,50	3,30
50504140	140	140	4		3,55	3,15	3,40	3,15
50504160	160	140	4		3,80	3,40	3,60	3,45
50504180	180	180	6		4,50	4,00	4,20	4,10
50504200	200	180	6		5,20	4,80	5,00	4,80
50504225	225	180	6		5,70	5,20	5,50	5,30
50504250	250	180	6		6,40		6,60	6,40
50504280	280	180	6					7,50
50504315	315	180	6					8,70

SIMPLE TAPPING SADDLE WITH RUBBER





· Covers made of ductile cast iron GJS-500-7 according to UNI EN 1563, with baked electrostatic epoxy powder coating (RAL 5005), thick.250pm, nontoxic.

· Black elastomer coated AISI 304 stainless steel strip, thickness 1.5 mm.

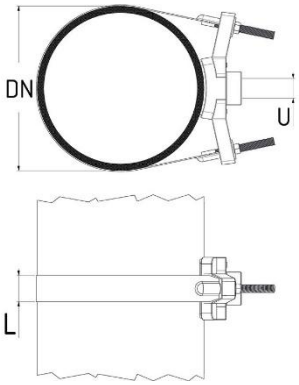
· NBR rubber gasket, 60 shore hardness, attached to the stainless steel strip in compliance with DM174/2004 for use on potable water systems.

· AISI 304 stainless steel fixing nuts, bolts and washers.

PRODUCT CODE	DE	MIN-MAX	L	CLAMPS	U (DN DERIVATION)			
					1"	1 1/4"	1 1/2"	2"
					KG	KG	KG	KG
50501063	63	60-67	50	1	0,85	1,10	1,00	
50504075	75	75-83	50	1	1,00	1,25	1,20	
50501090	90	88-100	80	1	1,35	1,75	1,60	2,10
50501110	110	110-122	80	1	1,60	1,85	1,75	2,00
50501125	125	125-137	80	1	1,75	2,10	2,00	2,40
50501140	140	139-150	80	1	1,90	2,20	2,10	2,45
50501160	160	160-172	80	1	2,10	2,50	2,30	2,80
50501180	180	180-192	80	1	2,20	2,80	2,50	2,90
50501200	200	200-220	80	1	2,90	3,00	2,80	3,40
50501225	225	222-234	80	1	3,10	3,10	3,00	3,50
50501250	250	250-275	80	1	6,30		6,40	6,10
50501315	315	315-336	80	1	7,10		6,80	6,80

SIMPLE TAPPING SADDLE





- Cover made of ductile cast iron GJS-500-7 according to UNI EN 1563, with baked electrostatic epoxy powder coating (RAL 5005), thick.250pm, nontoxic.

- AISI 304 stainless steel strip, thickness 1.5mm.

- NBR rubber gasket, 60 shore hardness, attached to the stainless steel strip in compliance with DM174/2004 for use on potable water systems.

- AISI 304 stainless steel fixing nuts, bolts and washers.

PRODUCT CODE	DN	MIN-MAX	L	CLAMPS	U (DN DERIVATION)			
					1"	1 1/4"	1 1/2"	2"
					KG	KG	KG	KG
50601050	50	60-68	40	1	0,70	1,20	1,10	
50601060	60	72-80		1	1,30	1,60	1,50	
50601080	80	88-104		1	1,50	1,80	1,70	1,80
50601009	90	102-112		1	1,60	1,90	1,80	2,35
50601100	100	112-126		1	1,95	2,20	2,10	2,40
50601126	125	140-154		1	2,10	2,40	2,30	2,70
50601150	150	168-184		1	2,15	2,45	2,40	2,75
50601175	175	190-205		1	2,20	2,45	2,40	2,80
50601002	200	218-234		1	2,70	2,90	2,80	3,00
50601022	225	245-260		1	2,80	3,00	2,90	3,15
50601025	250	272-286		1	3,00	3,20	3,15	3,35
50601300	300	322-344		1		3,90	3,70	3,80
50602350	350	356-384		2		5,30	5,10	5,20
50602400	400	425-458		2		7,30	7,40	7,10
50600450	450							9,90
50600500	500							10,20
50600600	600							12,40



SIEBC GROUP
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