

Prestabo LF

Submittal Package



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Product group description

Flow-optimised press connector system with press connectors made of non-alloy steel 1.0308. Galvanised (blue chromated) on the outside. Free of paint-wetting impairment substances (PWIS-free) such as silicone, grease or oil. Especially suitable for the use of piping installations in paint shops. Press connectors for protecting the sealing element equipped with cylindrical pipe guide. Press connectors from d64.0 with stainless steel cutting ring to ensure the mechanical strength of the connection. For protection pipes are equipped with pipe plugs. The pressing force is located before and behind the sealing element seat. Suitable for concealed and pre-wall installations of riser pipes and floor installations.

System pipe made of non-alloy steel 1.0308 (E235)

Galvanised (blue chromated) on the outside.
Suitable for heating, solar and cooling systems.

System pipe made of non-alloy steel 1.0215 (E220)

Hot dip galvanised on the outside and inside.
Suitable for sprinkler and compressed air systems.

Marking

Manufacturer, pipe dimension, batch, blue and red dot on the press end, symbol »Not approved for potable water installations«, red pipe plug, white pipe plug (hot dip galvanised), detachable orange label as press indicator from d64.0



Press connector with SC-Contur

Inadvertently unpressed connections are noticed immediately during a leakage test.
Viega guarantees the detection of unpressed connections in the following pressure ranges:
min. water pressure: 0.1 MPa / 100kPa / 1 bar / 14.5 PSI
max. water pressure: 0.65 MPa / 650kPa / 6.5 bar / 94.3 PSI
min. air pressure: 22 hPa / 2.2 kPa / 22 mbar / 0.3 PSI
max. air pressure: 0.3 MPa / 300kPa / 3 bar / 43.5 PSI

Sealing elements

EPDM (ethylene propylene diene rubber), black, pre-assembled

Dimensions

d12–108.0

Tools

The functional safety of Viega press connector systems depends primarily on the faultless condition of the press tools used. For the manufacture of press connections, Viega recommends the use of Viega press tools. Viega press tools have to be regularly maintained by authorised service partners.

Areas of application

Closed cooling and heating systems
Industrial and plant engineering
Sprinkler systems (hot dip galvanised pipe)
Compressed air systems (hot dip galvanised pipe)
Solar installations

Note

Use of the system for areas of application and media other than those described must be agreed in consultation with Viega! Detailed information about applications, restrictions and national standards and directives can be found in the product information, either printed or on the Viega website.

Note – Standards and approvals

Press connector system with press connectors and pipes in accordance with DIN EN 10305-3. For use in heating systems, observe VDI Regulation 2035 and DIN EN 12828.

Operating conditions with EPDM sealing element

operating temperature max. 110 °C / 230 °F
operating pressure max. 1.6 MPa / 16 bar / 232 PSI

Material press connector

Steel 1.0308

Note – Storage and transport

To ensure the impeccable quality of Prestabo pipes, observe the following points during transport and storage:

Packing and protective foil (on with PP coated pipes) should not be removed until immediately before use. The pipe ends must be closed with protective caps when delivered.
Do not store the pipes directly on the bare floor.
Do not stick any protective foils or plastics to the pipe surfaces.
When loading and unloading, do not pull the pipes over the truck sill.

Note – Protection against external corrosion

Prestabo pipes and press connectors are protected by external galvanisation.

In case of contact with dampness (condensation, precipitation during the construction phase, plaster and splash water etc.) or corrosive building materials (surfacers, levelling screed etc.), however this layer of zinc cannot provide permanent protection against external corrosion. the following protective measures are recommended:

Use of closed-cell insulating tubes with professional sealing of all abutting and cut edges using a suitable filler.

Damp-proofing of the laid piping through separating foil in the floor construction.

Installing piping outside areas at risk of moisture.

Visible radiator connections rising from the floors should be avoided if floors will be frequently cleaned with water and/or cleaning agents/disinfectants, for example in retirement homes and care facilities, as well as hospitals. Wall connections make cleaning easier and also exclude any additional risk of corrosion.

If the radiator connections do come from the floor, professional corrosion protection and professional sealing of the joints are ensured. If not, there is a possibility that the cleaning water will penetrate, which will moisten the insulation and present the risk of corrosion.

If the measures in the examples above fail to provide permanent protection against dampness or the areas of use have to meet special requirements, e.g. in cooling circuits, complete external corrosion protection, which reliably prevents influences that lead to corrosion, must be applied.

Pressure gradient calculator

Web application for quick and simple calculation of piping dimensions for potable water, heating and gas supply lines with associated pressure loss tables across the entire system.

Subject to change without prior notice!

Latest Z- and installation dimensions as well as further technical information can be found on the Viega website and have to be checked before purchase, planning, construction work and use. Our products are continuously optimised.

Areas of application

system name: Prestabo LF, **pipe material:** steel 1.0308

areas of application	properties	values
cooling water (closed circuit) open systems available on request corrosion protection for non-alloyed steel pipes in accordance with AGI Q151	max operating pressure	1.6 MPa / 16 bar / 232.1 psi
	min. operating temperature	-25 °C / -13 °F
	max. operating temperature	110 °C / 230 °F
anti-freeze Antifrogen N / Clariant Antifrogen L / Clariant Antifrogen Sol (solar installations) / Clariant Ethylene glycol (Ethane-1,2-diol) propylene glycol (1.2-propandiol) Tyfoxit / Tyforop Chemie Tyfocor / Tyforop Chemie corrosion protection for non-alloyed steel pipes in accordance with AGI Q151	max operating pressure	1.6 MPa / 16 bar / 232.1 psi
	min. operating temperature	-25 °C / -13 °F
	max. operating temperature	110 °C / 230 °F
heating systems in accordance with DIN EN 12 828	max operating pressure	1.6 MPa / 16 bar / 232.1 psi
	max. operating temperature	105 °C / 221 °F
compressed air oil concentration $\leq 25 \text{ mg/m}^3$ d12-108.0 without impurities almost free of condensate	max operating pressure	1.6 MPa / 16 bar / 232.1 psi
	max. operating temperature	60 °C / 140 °F

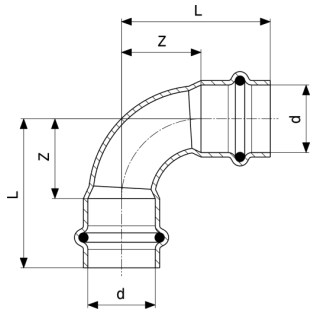
system name: Prestabo LF

areas of application	properties	values
cooling water (closed circuit) corrosion protection for non-alloyed steel pipes in accordance with AGI Q151 without additives open systems available on request	max operating pressure	1.6 MPa / 16 bar / 232.1 psi
	min. operating temperature	-25 °C / -13 °F
	max. operating temperature	110 °C / 230 °F
compressed air oil concentration $\leq 25 \text{ mg/m}^3$ d12-108.0 without impurities almost free of condensate	max operating pressure	1.6 MPa / 16 bar / 232.1 psi
	max. operating temperature	60 °C / 140 °F
compressed air oil concentration $\geq 25 \text{ mg/m}^3$ d12-108.0 sealing elements replaced for FKM almost free of condensate	max operating pressure	1.6 MPa / 16 bar / 232.1 psi
	max. operating temperature	60 °C / 140 °F

Permitted pipes

pipe material	Model	Article	external Ø	wall thickness
non-alloyed steel	1103	559 441	15	1.2
non-alloyed steel	1103	559 458	18	1.2
non-alloyed steel	1103	559 465	22	1.5
non-alloyed steel	1103	559 472	28	1.5
non-alloyed steel	1103	559 496	35	1.5
non-alloyed steel	1103	559 489	42	1.5
non-alloyed steel	1103	559 502	54	1.5
non-alloyed steel	1106	656 188	15	1.5
non-alloyed steel	1106	656 195	18	1.5
non-alloyed steel	1106	656 201	22	1.5
non-alloyed steel	1106	656 218	28	1.5
non-alloyed steel	1106	656 225	35	1.5
non-alloyed steel	1106	656 232	42	1.5
non-alloyed steel	1106	656 249	54	1.5
non-alloyed steel	1103XL	598 327	64.0	2.0
non-alloyed steel	1103XL	598 334	76.1	2.0
non-alloyed steel	1103XL	598 341	88.9	2.0
non-alloyed steel	1103XL	598 358	108.0	2.0
non-alloyed steel	1106XL	656 287	64.0	2.0
non-alloyed steel	1106XL	656 256	76.1	2.0
non-alloyed steel	1106XL	656 263	88.9	2.0
non-alloyed steel	1106XL	656 270	108.0	2.0

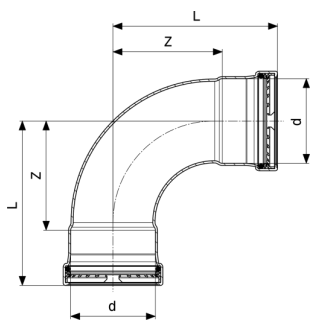
Z dimensions



Prestabo LF elbow 90°
- non-alloyed steel, galvanised
Model 1116LF

Article	VdS	d	Z	L
716 066		15	16	38
716 080		18	18	40
716 127	✓	22	26	49
716 165	✓	28	34	58
716 189	✓	35	32	59
716 202	✓	42	50	87
716 226	✓	54	65	105

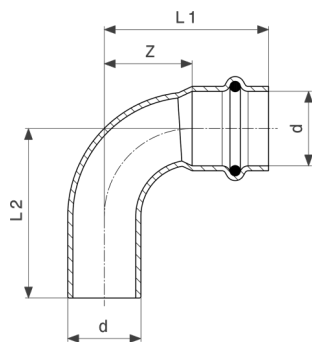
VdS = VdS certification



Prestabo XL LF elbow 90°
- non-alloyed steel, galvanised
Model 1116XLLF

Article	VdS	d	L	Z
716 240	✓	64	126	84
716 318	✓	76.1	149	99
716 325	✓	88.9	164	114
716 332	✓	108	198	138

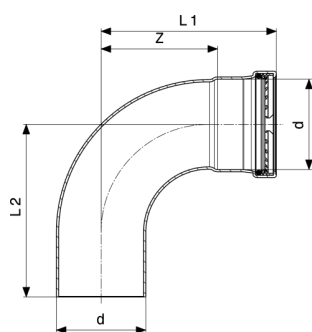
VdS = VdS certification



Prestabo LF elbow 90°
 - non-alloyed steel, galvanised
Model 1116.1LF

Article	VdS	d	Z	L1	L2
715 779		15	16	38	40
715 786		18	18	40	42
715 793	✓	22	26	49	50
715 809	✓	28	34	58	59
715 816	✓	35	32	59	62
715 823	✓	42	50	87	88
715 830	✓	54	65	105	107

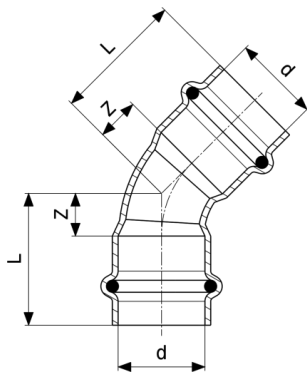
VdS = VdS certification



Prestabo XL LF elbow 90°
 - non-alloyed steel, galvanised
Model 1116.1XLLF

Article	VdS	d	Z	L1	L2
715 847	✓	64	84	126	126
715 854	✓	76.1	99	149	146
715 861	✓	88.9	114	164	162
715 878	✓	108	138	198	195

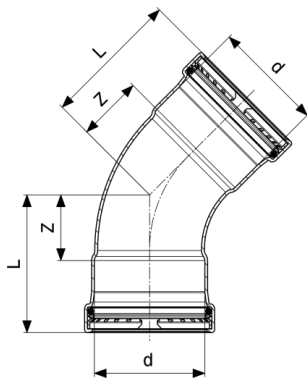
VdS = VdS certification



Prestabo LF elbow 45°
 - non-alloyed steel, galvanised
Model 1126LF

Article	VdS	d	Z	L
716 141		15	7	29
716 158		18	7	29
716 172	✓	22	11	34
716 196	✓	28	14	38
716 219	✓	35	15	41
716 233	✓	42	21	57
716 257	✓	54	27	67

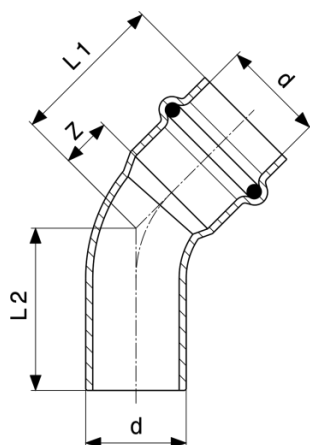
VdS = VdS certification



Prestabo XL LF elbow 45°
 - non-alloyed steel, galvanised
Model 1126XLLF

Article	VdS	d	Z	L
716 264	✓	64	39	82
716 271	✓	76.1	46	96
716 288	✓	88.9	52	102
716 295	✓	108	61	121

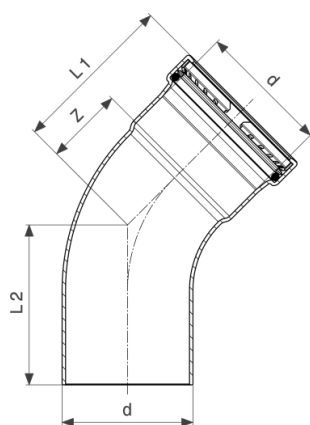
VdS = VdS certification



Prestabo LF elbow 45°
 - non-alloyed steel, galvanised
Model 1126.1LF

Article	VdS	d	Z	L1	L2
716 004		15	7	29	29
716 011		18	7	29	30
716 028	✓	22	11	34	35
716 035	✓	28	14	38	39
716 042	✓	35	15	41	42
716 059	✓	42	21	57	59
716 073	✓	54	27	67	69

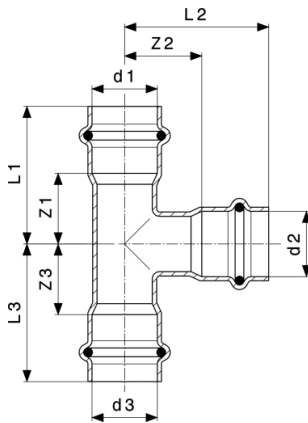
VdS = VdS certification



Prestabo XL LF elbow 45°
 - non-alloyed steel, galvanised
Model 1126.1XLLF

Article	VdS	d	Z	L1	L2
716 097	✓	64	39	82	82
716 103	✓	76.1	46	96	93
716 110	✓	88.9	52	102	99
716 134	✓	108	61	121	119

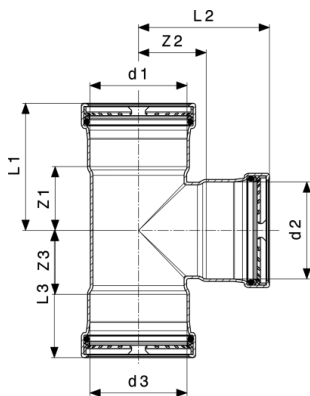
VdS = VdS certification



Prestabo LF T-piece
 - non-alloyed steel, galvanised
Model 1118LF

Article	VdS	d1	d2	d3	Z1	Z2	Z3	L1	L2	L3
716 479		15	15	15	19	22	19	41	44	41
716 585		18	15	18	21	23	21	43	45	43
716 486		18	18	18	21	23	21	43	45	43
716 592		22	15	22	22	25	22	45	47	45
716 608		22	18	22	22	25	22	45	47	45
716 493	✓	22	22	22	24	26	24	47	50	47
716 615		28	15	28	21	29	21	45	51	45
716 622		28	18	28	21	29	21	45	51	45
716 639	✓	28	22	28	23	30	23	47	54	47
716 509	✓	28	28	28	28	29	28	52	53	52
716 646		35	18	35	19	32	19	45	54	45
716 653	✓	35	22	35	21	34	21	47	57	47
716 660	✓	35	28	35	26	33	26	53	57	53
716 516	✓	35	35	35	26	26	26	53	53	53
716 677		42	18	42	19	36	19	55	58	55
716 684	✓	42	22	42	19	38	19	55	60	55
716 691	✓	42	28	42	25	36	25	61	60	61
716 707	✓	42	35	42	25	30	25	61	56	61
716 523	✓	42	42	42	32	32	32	68	68	68
716 714	✓	54	22	54	18	44	18	58	66	58
716 721	✓	54	28	54	21	42	21	61	66	61
716 738	✓	54	35	54	25	36	25	65	62	65
716 745	✓	54	42	54	29	38	29	69	74	69
716 530	✓	54	54	54	39	39	39	79	79	79

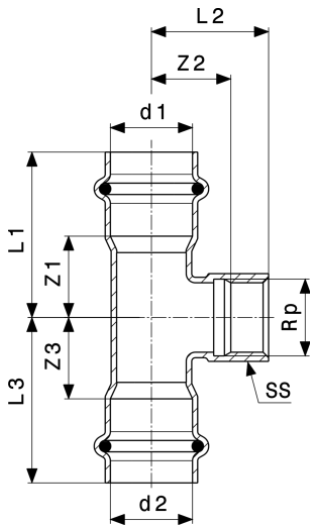
VdS = VdS certification



Prestabo XL LF T-piece
 - non-alloyed steel, galvanised
Model 1118XLLF

Article	VdS	d1	d2	d3	Z1	Z2	Z3	L1	L2	L3
715 359	✓	64	28	64	27	41	27	70	65	70
715 366	✓	64	35	64	32	42	32	74	68	74
715 373	✓	64	42	64	35	44	35	78	80	78
715 380	✓	64	54	64	41	44	41	84	84	84
716 547	✓	64	64	64	46	48	46	89	91	89
715 397	✓	76.1	28	76.1	26	47	26	76	71	76
715 403	✓	76.1	35	76.1	30	48	30	80	74	80
715 410	✓	76.1	42	76.1	34	49	34	84	86	84
715 427	✓	76.1	54	76.1	40	51	40	90	91	90
715 434	✓	76.1	64	76.1	50	53	50	100	96	100
716 554	✓	76.1	76.1	76.1	50	55	50	100	105	100
715 441	✓	88.9	28	88.9	26	54	26	76	78	76
715 885	✓	88.9	35	88.9	30	54	30	80	81	80
715 892	✓	88.9	42	88.9	34	56	34	84	92	84
715 908	✓	88.9	54	88.9	40	57	40	90	97	90
715 915	✓	88.9	64	88.9	50	60	50	100	103	100
715 922	✓	88.9	76.1	88.9	50	61	50	100	111	100
716 561	✓	88.9	88.9	88.9	57	59	57	107	109	107
715 939	✓	108	28	108	26	63	26	86	87	86
715 946	✓	108	35	108	30	64	30	90	90	90
715 953	✓	108	42	108	34	66	34	94	102	94
715 960	✓	108	54	108	40	67	40	100	107	100
715 977	✓	108	64	108	50	70	50	110	112	110
715 984	✓	108	76.1	108	50	71	50	110	121	110
715 991	✓	108	88.9	108	57	69	57	117	119	117
716 578	✓	108	108	108	66	69	66	126	129	126

VdS = VdS certification

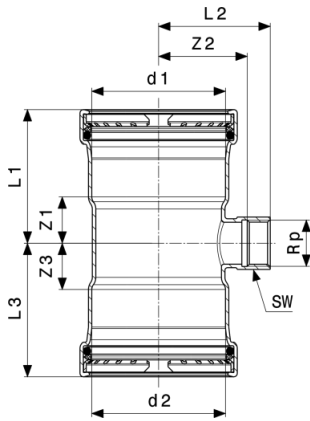


Prestabo LF T-piece
 - non-alloyed steel, galvanised
Model 1117.2LF

Article	VdS	d1	Rp	d2	Z1	Z2	Z3	L1	L2	L3
716 349		15	½	15	19	14	19	41	29	41
716 356		18	½	18	21	15	21	43	30	43
716 363	✓	22	½	22	22	17	22	45	32	45
716 394	✓	28	½	28	21	21	21	45	36	45
716 370	✓	28	1	28	28	20	28	52	40	52
716 400	✓	35	½	35	19	24	19	45	40	45
716 417	✓	42	½	42	19	28	19	55	43	55
716 424	✓	54	½	54	18	34	18	58	49	58

Article	VdS	d1	Rp	d2	SW
716 349		15	½	15	24
716 356		18	½	18	24
716 363	✓	22	½	22	24
716 394	✓	28	½	28	24
716 370	✓	28	1	28	36
716 400	✓	35	½	35	24
716 417	✓	42	½	42	24
716 424	✓	54	½	54	24

VdS = VdS certification
 SW = Spanner width

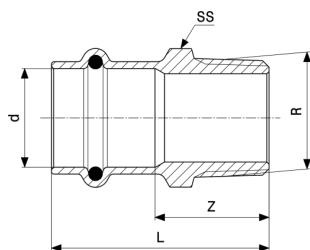


Prestabo XL LF T-piece
- non-alloyed steel, galvanised
Model 1117.2XLLF

Article	VdS	d1	Rp	d2	Z1	Z2	Z3	L1	L2	L3
716 431	✓	64	¾	64	27	39	27	70	55	70
716 448	✓	76.1	¾	76.1	26	45	26	76	62	76
716 455	✓	88.9	¾	88.9	26	52	26	76	68	76
716 462	✓	108	¾	108	26	61	26	86	78	86

Article	VdS	d1	Rp	d2	SW
716 431	✓	64	¾	64	30
716 448	✓	76.1	¾	76.1	30
716 455	✓	88.9	¾	88.9	30
716 462	✓	108	¾	108	30

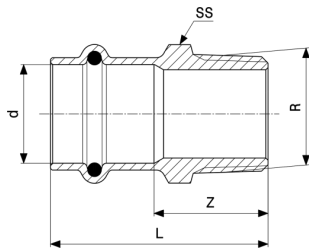
VdS = VdS certification
SW = Spanner width



Prestabo LF adapter
- non-alloyed steel, galvanised
Model 1111LF

Article	d	R	Z	L	SW
714 932	15	½	24	46	22
714 949	18	½	24	46	22
714 963	18	¾	27	49	27
714 987	22	½	25	48	27
714 994	22	¾	26	49	27
714 970	22	1	28	51	34

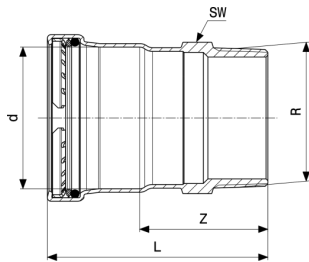
SW = Spanner width



Prestabo LF adapter
- non-alloyed steel, galvanised
Model 1111LF

Article	d	R	Z	L	SW
715 014	28	¾	28	52	34
715 007	28	1	27	51	34
715 021	35	1	31	57	36
715 038	35	1¼	36	62	46
715 045	42	1½	45	81	50
715 052	54	2	51	91	62

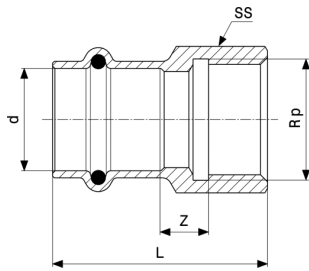
SW = Spanner width



Prestabo XL LF adapter
- non-alloyed steel, galvanised
Model 1111XLLF

Article	VdS	d	R	Z	L	SW
715 069	✓	64	2½	65	108	60
715 076	✓	76.1	2½	64	114	80
715 083	✓	88.9	3	68	118	90
715 090	✓	108	4	74	134	114

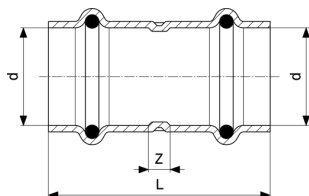
VdS = VdS certification
SW = Spanner width



Prestabo LF adapter
- non-alloyed steel, galvanised
Model 1112LF

Article	VdS	d	Rp	Z	L	SW
715 106		15	½	9	41	24
715 113		18	½	9	41	24
715 120		18	¾	11	44	24
715 137	✓	22	½	6	41	27
715 144	✓	22	¾	11	45	30
715 168	✓	28	¾	6	44	32
715 151	✓	28	1	12	48	38
715 175	✓	35	1¼	9	53	46
715 182	✓	42	1¼	20	71	46
715 199	✓	54	2	24	82	65

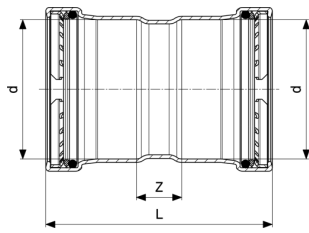
VdS = VdS certification
SW = Spanner width



Prestabo LF coupling
- non-alloyed steel, galvanised
Model 1115LF

Article	VdS	d	Z	L
715 663		15	12	56
715 670		18	11	55
715 687	✓	22	12	58
715 694	✓	28	12	60
715 700	✓	35	12	64
715 717	✓	42	12	84
715 724	✓	54	12	92

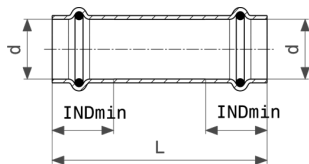
VdS = VdS certification



Prestabo XL LF coupling
- non-alloyed steel, galvanised
Model 1115XLLF

Article	VdS	d	Z	L
715 731	✓	64	24	110
715 748	✓	76.1	25	125
715 755	✓	88.9	25	125
715 762	✓	108	25	145

VdS = VdS certification

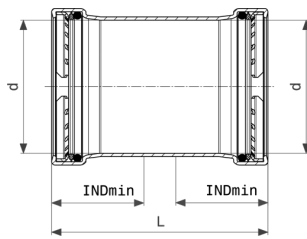


Prestabo LF slip coupling
- non-alloyed steel, galvanised
Model 1115.5LF

Article	VdS	d	L	INDmin
715 557		15	80	22
715 564		18	80	22
715 571	✓	22	80	23
715 588	✓	28	96	24
715 595	✓	35	106	26
715 601	✓	42	120	36
715 618	✓	54	136	40

VdS = VdS certification

INDmin = Minimum insertion depth

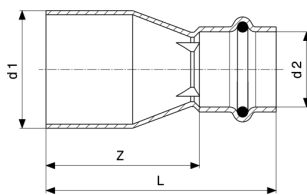


Prestabo XL LF slip coupling
- non-alloyed steel, galvanised
Model 1115.5XLLF

Article	VdS	d	L	INDmin
715 625	✓	64	110	43
715 632	✓	76.1	125	50
715 649	✓	88.9	125	50
715 656	✓	108	145	60

VdS = VdS certification

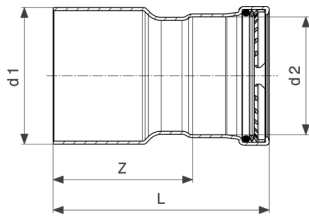
INDmin = Minimum insertion depth



Prestabo LF reducer
- non-alloyed steel, galvanised
Model 1115.1LF

Article	VdS	d1	d2	Z	L
715 205		18	15	30	52
715 212		22	15	35	57
715 229		22	18	37	59
715 236		28	15	50	72
715 243		28	18	47	69
715 250	✓	28	22	42	64
715 267	✓	35	22	50	74
715 274	✓	35	28	43	67
715 281	✓	42	22	65	88
715 298	✓	42	28	66	90
715 304	✓	42	35	54	80
715 311	✓	54	28	85	109
715 328	✓	54	35	81	107
715 335	✓	54	42	65	101

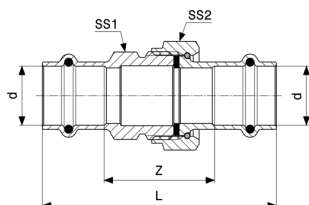
VdS = VdS certification



Prestabo XL LF reducer
- non-alloyed steel, galvanised
Model 1115.1XLLF

Article	VdS	d1	d2	Z	L
715 342	✓	64	54	71	110
715 465	✓	76.1	54	83	123
715 472	✓	76.1	64	82	125
715 489	✓	88.9	54	90	130
715 496	✓	88.9	64	89	132
715 502	✓	88.9	76.1	82	132
715 519	✓	108	54	110	150
715 526	✓	108	64	109	152
715 533	✓	108	76.1	101	151
715 540	✓	108	88.9	95	145

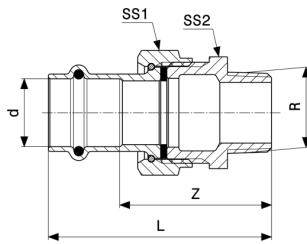
VdS = VdS certification



Prestabo LF screw fitting
- non-alloyed steel, galvanised
Model 1160LF

Article	VdS	d	Z	L	SW1	SW2
716 929		15	33	77	30	30
716 936		18	34	78	30	30
716 943	✓	22	38	84	36	37
716 950	✓	28	42	90	46	46
716 967	✓	35	42	94	50	53
716 974	✓	42	43	115	55	60
716 981	✓	54	53	133	70	78

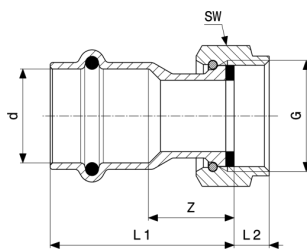
VdS = VdS certification
SW = Spanner width



Prestabo LF adapter union
- non-alloyed steel, galvanised
Model 1165LF

Article	VdS	d	R	Z	L	SW1	SW2
717 100		15	½	45	67	30	27
717 117	✓	22	¾	54	76	30	27
717 124	✓	28	1	62	86	37	34
717 131	✓	35	1¼	58	84	53	50
717 148	✓	42	1½	59	95	60	55
717 155	✓	54	2	69	109	78	72

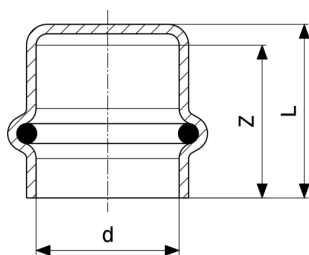
VdS = VdS certification
SW = Spanner width



Prestabo LF connection screw fitting
- non-alloyed steel, galvanised
Model 1163LF

Article	VdS	d	G	Z	L1	L2	SW
716 998		15	¾	12	42	8	30
717 001		18	¾	14	44	8	30
717 032	✓	22	¾	19	50	8	30
717 018	✓	22	1	12	44	8	37
717 049	✓	28	1¼	14	48	10	46
717 056	✓	35	1½	12	49	10	53
717 063	✓	42	1¾	12	58	10	60
717 070	✓	42	2	20	70	14	66
717 094	✓	54	2¾	15	68	12	78
717 087	✓	54	2½	16	72	16	84

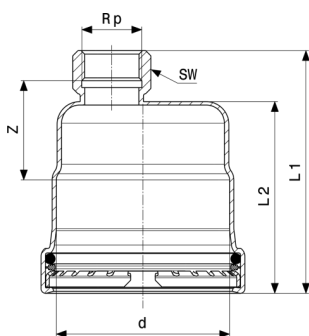
VdS = VdS certification
SW = Spanner width



Prestabo LF cap
- non-alloyed steel, galvanised
Model 1156LF

Article	VdS	d	Z	L
716 301		15	22	26
716 752		18	22	26
716 769	✓	22	24	26
716 776	✓	28	25	28
716 783	✓	35	26	30
716 790	✓	42	36	40
716 806	✓	54	40	44

VdS = VdS certification

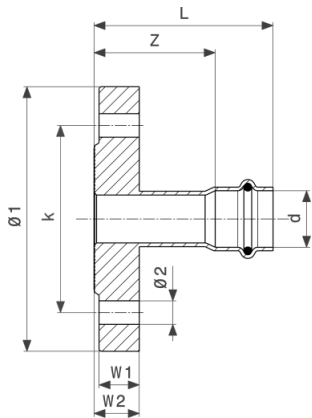


Prestabo XL LF cap
- non-alloyed steel, galvanised
Model 1156XLLF

Article	VdS	d	Rp	Z	L1	L2	SW
716 813	✓	64	¾	39	99	78	30
716 820	✓	76.1	¾	43	104	84	30
716 837	✓	88.9	¾	39	105	84	30
716 844	✓	108	¾	39	115	94	30

VdS = VdS certification

SW = Spanner width

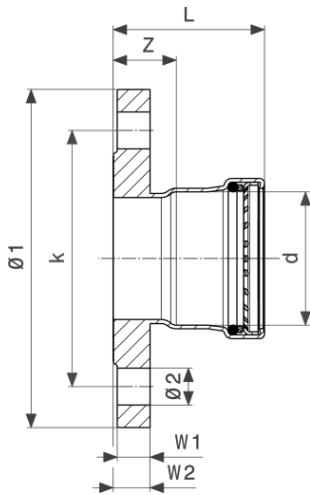


Prestabo LF flange adapter
 - non-alloyed steel, galvanised
Model 1159LF

Article	VdS	DN	d	Z	L	W1	W2	Ø1	k	Ø2
716 851	✓	32	35	44	70	16	18	140	100	18
716 868	✓	40	42	57	93	16	18	150	110	18
716 875	✓	50	54	57	97	16	18	165	125	18

Article	VdS	DN	d	n
716 851	✓	32	35	4
716 868	✓	40	42	4
716 875	✓	50	54	4

VdS = VdS certification
 k = Bolt circle Ø
 n = Number of drill holes



Prestabo XL LF flange adapter
 - non-alloyed steel, galvanised
Model 1159XLLF

Article	VdS	DN	d	Z	L	W1	W2	Ø1	k	Ø2
716 882	✓	65	64	31	74	16	18	185	145	18
716 899	✓	65	76.1	30	80	16	18	185	145	18
716 905	✓	80	88.9	31	81	18	20	200	160	18
716 912	✓	100	108	31	91	18	20	220	180	18

Article	VdS	DN	d	n
716 882	✓	65	64	8
716 899	✓	65	76.1	8
716 905	✓	80	88.9	8
716 912	✓	100	108	8

VdS = VdS certification
 k = Bolt circle Ø
 n = Number of drill holes

Imprint

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