AU

Geopress K

Submittal Package

viega

Index

Product group description

Press connector system made of fibre-glass reinforced polyamide. Permitted types of pipe PE 80/100/100-RC. Sealed inside. Support sleeve function integrated into the press connector. Suitable for underground, municipal supply lines.

For connecting the house service connection to unpressurised and pressurised supply lines.
Permitted pipe types PE80, PE100 HDPE and PE100 HSCR.

Labeling
Manufacturer, Pipe dimension, Batch, Green dot at press end when used for potable water, Traceability-Code for component tracing

Press connector with Smart Connect Feature
Inadvertently unpressed connections become visibly leaky when the system is filled.
Viega guarantees the detection of unpressed connections in the following pressure ranges:
min. water pressure: 0.1 MPa / 100 kPa / 1 bar / 14.5 PSI
max. water pressure: 0.65 MPa / 650 kPa / 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 / 300 kPa / 3 bar / 43.5 PSI

Dimensions
d25–63, Tapping valves: d63–200

Tools
The functional safety of Viega press connector systems depends primarily on the faultless condition of the press tools used. Viega recommends the use of Viega press tools for pressing Viega press connectors. Viega press tools have to be regularly maintained by authorised service partners.

Areas of application
Potable water
Geothermal energy / cold local heat

Note
Use of the system for areas of application and media other than those described must be agreed in consultation with Viega. Detailed information concerning applications, limitations and national codes and standards can be found in the product documentation, either printed or on the Viega website.

Note – Standards and approvals
Permitted pipe types for potable water pipelines and potable water tapping valves:
PE-X in accordance with DIN 16893, DIN 16892, GW 335-A3.
PE 80/100/100-RC in accordance with DIN 8074, DIN 8075, DIN EN 12201, GW 335-A2.
Permitted pipe types for potable water tapping valves:
PVC-U in accordance with DIN EN ISO 1452-1 to 5, DIN 8061, DIN 8062.

Operating conditions potable water installations
operating temperature max. 25 °C / 77 °F
operating pressure max. 1.6 MPa / 16 bar / 232 PSI
The maximum operating pressure and the maximum temperature depend on the type of pipe used and the specific application and have to be tested in particular cases.

Materials press connector
Fibre-glass reinforced polyamide GF-PA / POM / CuSi4Zn9MnP

Changes and errors excepted.
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 optimized.

This product description contains important information on choice of product and system, mounting, commissioning as well as intended use and, if required, on maintenance measures. This information on products, their features and application techniques is based on currently valid standards in Europe (e.g. EN) and/or in Germany (e.g. DIN/DVGW). Some passages in the text may refer to technical regulations in Europe/Germany. These should be considered as recommendations for other countries where no corresponding national requirements exist. The relevant national laws, standards, regulations, directives and other technical provisions take priority over the German/European directives specified in this product description: The information herein is not binding for other countries and regions and should be understood as recommendation.

Permitted pipes

standard	DN	external Ø	wall thickness
PE 80/100/100-RC in accordance with DIN 8074 SDR series 11	20	25.0	2.3
PE 80/100/100-RC in accordance with DIN 8074 SDR series 11	25	32.0	3.0
PE 80/100/100-RC in accordance with DIN 8074 SDR series 11	32	40.0	3.7
PE 80/100/100-RC in accordance with DIN 8074 SDR series 11	40	50.0	4.6
PE 80/100/100-RC in accordance with DIN 8074 SDR series 11	50	63.0	5.8
PE-X in accordance with DIN 16893 SDR series 11	20	25.0	2.3
PE-X in accordance with DIN 16893 SDR series 11	25	32.0	2.9
PE-X in accordance with DIN 16893 SDR series 11	32	40.0	3.7
PE-X in accordance with DIN 16893 SDR series 11	40	50.0	4.6
PE-X in accordance with DIN 16893 SDR series 11	50	63.0	5.8

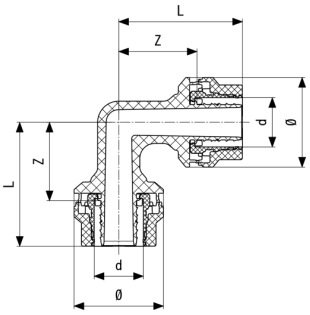
Certification

	ÖVGW certificate Geopress-tapping valve
	ÖVGW certificate Geopress K (d 25 - 63)
R-15.2.1-21-17142 WIEN-ZERT	**ÜA sign** Geopress
WaterMark	**SAI Watermark Certificate of Conformity** Geopress K and Tapping Valves
WaterMark	**SAI StandardsMark Licence** Geopress K and Tapping Valves
WaterMark	**SAI Certificate of Conformity** 372:2020
DVGW CERT	**DVGW type examination certificate** tapping valve
DVGW CERT	**DVGW type examination certificate** Geopress (d 25 - 63)
DVGW CERT	**DVGW type examination certificate** Geopress G tapping valve
DVGW CERT	**DVGW type examination certificate** Geopress K Gas

DVGW type examination certificate

Geopress K

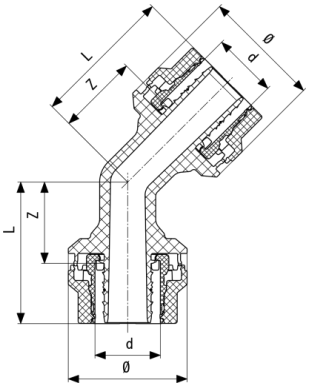
Z-dimensions



Geopress K elbow 90°
- Plastic
Model 9716TW

Article	d	Z	L	Ø
821 982	25	46	77	52
821 999	32	53	83	60
822 002	40	60	97	70
822 019	50	74	120	87
822 026	63	76	121	97

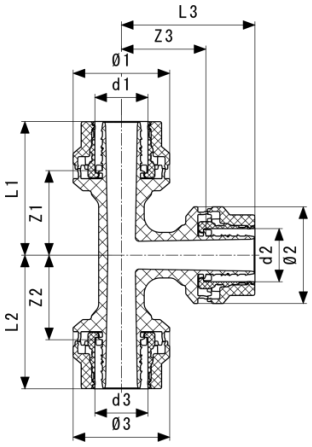
Ø = diameter



Geopress K
- Plastic
Model 9726TW

Article	d	Z	L	Ø
822 842	32	41	72	60
822 859	40	46	83	70
822 866	50	56	102	87
822 873	63	57	102	97

Ø = diameter

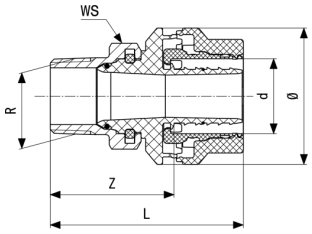


Geopress K T-piece
- Plastic
Model 9718TW

Article	d1	d2	d3	Z1	Z2	Z3	L1	L2	L3	Ø1
822 682	25	25	25	46	46	46	78	78	78	52
822 699	32	32	32	53	53	53	83	83	83	60
822 705	40	40	40	60	60	60	97	97	97	70
822 712	50	50	50	74	74	74	120	120	120	87
822 729	63	63	63	76	76	76	122	122	122	97

Article	d1	d2	d3	Ø2	Ø3
822 682	25	25	25	52	52
822 699	32	32	32	60	60
822 705	40	40	40	70	70
822 712	50	50	50	87	87
822 729	63	63	63	97	97

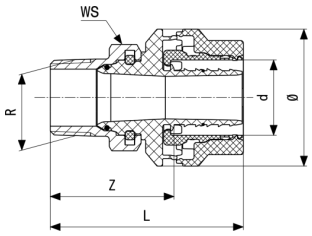
Ø = diameter



Geopress K adapter
- Plastic
Model 9711TW

Article	d	R	Z	L	WS	Ø
821 579	25	¾	50	81	36	52
821 586	32	1	55	85	44	60
821 593	32	1½	60	90	44	60
821 609	40	1	59	95	50	70

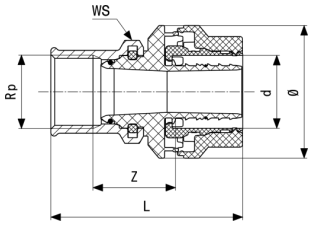
WS = wrench size
Ø = diameter



Geopress K adapter
- Plastic
Model 9711TW

Article	d	R	Z	L	WS	Ø
821 623	40	1¼	57	94	50	70
821 616	40	1½	57	94	50	70
821 630	50	1½	61	107	62	87
821 647	63	2	72	118	72	97

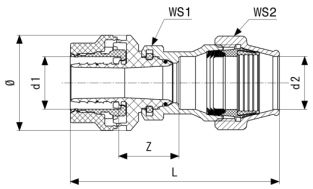
WS = wrench size
Ø = diameter



Geopress K adapter
- Plastic
Model 9712TW

Article	d	Rp	Z	L	WS	Ø
822 170	25	¾	35	82	36	52
822 163	32	1	37	87	44	60
822 187	40	1¼	37	97	50	70
822 194	50	1½	42	109	62	87
822 200	63	2	48	119	72	97

WS = wrench size
Ø = diameter

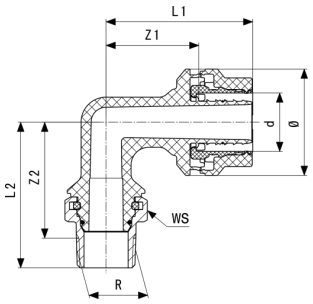


Geopress K adapter coupling
- Plastic

Model 9713.4TW

Article	d1	d2	Z	L	WS1	WS2	Ø
822 217	32	32	38	132	44	55	60
822 224	40	40	40	147	57	67	70
822 231	50	50	43	166	70	77	87
822 248	63	63	49	176	83	90	97

WS = wrench size
Ø = diameter

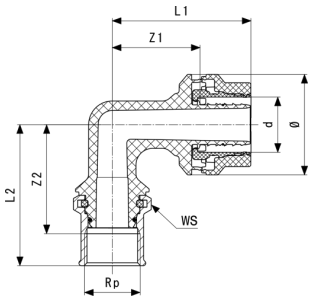


Geopress K adapter elbow 90°
- Plastic

Model 9714TW

Article	d	R	Z1	Z2	L1	L2	WS	Ø
822 255	25	¾	46	58	78	73	36	52
822 262	32	1	53	65	83	82	44	60
822 279	32	1½	53	68	83	87	44	60
822 286	40	1	60	76	97	93	50	70
822 293	40	1¼	60	72	97	91	50	70
822 309	40	1½	60	72	97	91	50	70
822 316	50	1½	74	85	120	104	62	87
822 323	63	2	76	95	122	119	72	97

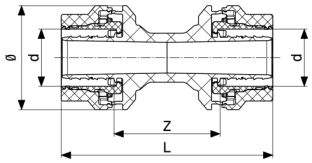
WS = wrench size
Ø = diameter



Geopress K adapter elbow 90°
- Plastic
Model 9714.2TW

Article	d	Rp	Z1	Z2	L1	L2	WS	Ø
822 378	32	1	53	65	83	84	44	60
822 385	40	1¼	60	73	97	94	50	70
822 392	50	1½	74	85	120	107	62	87
822 408	63	2	76	94	121	120	72	97

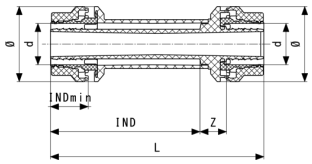
WS = wrench size
Ø = diameter



Geopress K coupling
- Plastic
Model 9715TW

Article	d	Z	L	Ø
821 890	25	51	113	52
821 906	32	62	123	60
821 913	40	75	148	70
821 920	50	82	173	87
821 937	63	81	172	97

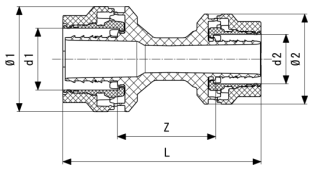
Ø = diameter



Geopress K repair coupling
- Plastic
Model 9715.5TW

Article	d	INDmin	IND	Z	L	Ø
821 470	32	30	119	22	171	60
821 487	40	35	133	23	191	70
821 494	50	45	140	27	212	87
821 500	63	45	139	35	219	97

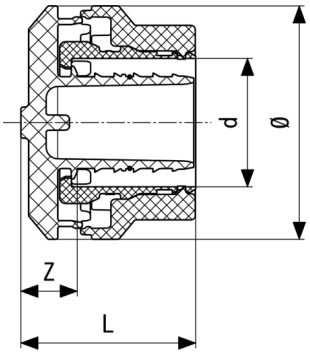
INDmin = insertion depth minimum
IND = insertion depth
Ø = diameter



Geopress K reducing coupling
- Plastic
Model 9715.2TW

Article	d1	d2	Z	L	Ø1	Ø2
822 477	32	25	59	121	60	52
822 484	40	32	66	133	70	60
822 491	50	32	74	151	87	60
822 507	50	40	84	166	87	70
822 514	63	32	79	155	97	60
822 521	63	40	88	170	97	70
822 538	63	50	86	178	97	87

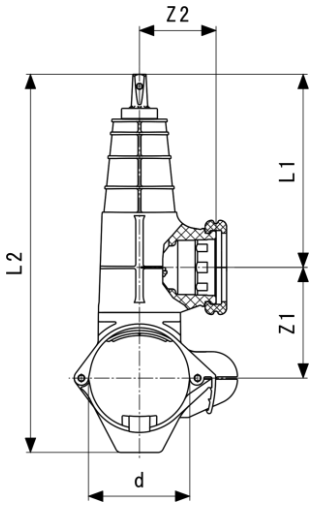
Ø = diameter



Geopress K cap
- Plastic
Model 9756TW

Article	d	Z	L	Ø
822 071	25	14	45	52
822 088	32	15	45	60
822 095	40	16	52	70
822 101	50	18	63	87
822 118	63	17	63	97

Ø = diameter



Geopress tapping valve
Model 9690TW

Article	for d	Z1	Z2	L1	L2
772 437	63	87	70	177	317
772 444	90	102	70	177	346
772 451	110	110	70	177	365
772 468	125	118	70	177	383
772 475	140	127	70	177	399
772 482	160	137	70	177	417
772 499	180	148	70	177	440
772 505	200	157	70	177	459

Imprint

Viega GmbH & Co. KG
Viega Platz 1
57439 Attendorn
Germany
Phone: +49/2722/61-0
Fax: +49/2722/61-1566

The Viega GmbH & Co. KG is represented by the general partners: Viega Management B.V. (Managing directors: Michael Klenz, Sebastian Lelgemann) and Viega Management GmbH (Managing directors: Michael Klenz, Sebastian Lelgemann)

The Submittal Package contains non-binding information that is being provided to you. All contents in the Submittal Package have been compiled with the greatest possible care and attention. Despite this, we are unable to guarantee that the information is up to date, accurate and complete. Placing an order does not automatically render the Submittal Package part of the contract.