

**Megapress G**

Submittal Package



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# Product group description

Flow-optimised press connector system made of non-alloy steel 1.0308 with an externally galvanised zinc-nickel coating for black and galvanised steel pipes. Press connectors with stainless steel cutting ring to ensure the mechanical strength of the connection. Suitable for concealed and pre-wall installations of riser pipes and floor installations.

## Marking

Manufacturer, pipe dimension, batch, yellow dot on press end, yellow rectangle with inscription »Gas MOP 5 / GT5«, detachable yellow label as press indicator

## 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 with compressed air or inert gases:

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

## Sealing elements

HNBR (hydrogenated acrylonitrile butadiene rubber), profile sealing element, yellow, pre-assembled

## Dimensions

D½ -2, size availability in accordance with the national regulations

## 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

Natural gas/liquid gas

Compressed air systems

Heating oil

Diesel fuel

## 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

Suitable for steel pipes in accordance with EN 10255, EN 10220 / EN 10216-1, EN 10220 / EN 10217-1.

Gases in accordance with DVGW G 260 in gas installations in accordance with DVGW-TRGI 2018 (DVGW Worksheet G 600) / DVFG-TRF 2021.

Natural gas/liquid gases in the gas phase for domestic and commercial applications, tested in accordance with DVGW Worksheet G 5614-B1.

Press connector approval in accordance with DVGW-registration no. DG-4550CQ0400.

## Operating conditions gas and liquid gas installations

Operating temperature -20 °C to +70 °C (-4 °F to +158 °F)

Operating pressure max. 0.5 MPa / 5 bar / 72.5 PSI

Operating pressure at HTB requirements 650°C (1202 °F)/30 minutes max. 0.5 MPa (5 bar; 72.5 PSI)

**Operating conditions heating oil and diesel fuel installation**

Operating temperature max. 40 °C / 104 °F

Operating pressure -0.05 to +0.5 MPa (-0.5 to +5 bar / -7.25 to +72.5 PSI)

**Press connector material**

Steel 1.0308

**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.








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	size and thread specifications	DN	external Ø	wall thickness
non-alloyed steel in accordance with DIN EN 10255 medium series (M) welded	½	15	21.3	2.6
	¾	20	26.9	
	1	25	33.7	3.2
	1¼	32	42.4	
	1½	40	48.3	
	2	50	60.3	3.6
non-alloyed steel in accordance with DIN EN 10255 medium series (M) seamless	½	15	21.3	2.6
	¾	20	26.9	
	1	25	33.7	3.2
	1¼	32	42.4	
	1½	40	48.3	
	2	50	60.3	3.6
non-alloyed steel in accordance with DIN EN 10255 heavy series (H) welded	½	15	21.3	3.2
	¾	20	26.9	
	1	25	33.7	4.0
	1¼	32	42.4	
	1½	40	48.3	
	2	50	60.3	4.5
non-alloyed steel in accordance with DIN EN 10255 heavy series (H) seamless	½	15	21.3	3.2
	¾	20	26.9	
	1	25	33.7	4.0
	1¼	32	42.4	
	1½	40	48.3	
	2	50	60.3	4.5
non-alloyed steel in accordance with DIN EN 10217-1 pipe series 1 welded	½	15	21.3	2.0
				2.3
	¾	20	26.9	2.6
				2.9
				3.2
	1	25	33.7	2.0
				2.3
				2.6
				2.9
				3.2
1¼	32	42.4	3.6	
			4.0	
1½	40	48.3	2.3	
			2.6	
			2.9	
1	25	33.7	3.2	
			3.6	
1¼	32	42.4	4.0	
			4.0	

standard	size and thread specifications	DN	external Ø	wall thickness
non-alloyed steel in accordance with DIN EN 10217-1 pipe series 1 welded	2	50	60.3	2.3
				2.6
				2.9
				3.2
				3.6
				4.0
non-alloyed steel in accordance with DIN EN 10216-1 pipe series 1 seamless	½	15	21.3	2.0
				2.3
				2.6
				2.9
				3.2
	¾	20	26.9	2.3
				2.6
				2.9
	1	25	33.7	3.2
				3.6
	1¼	32	42.4	4.0
				4.5
1½	40	48.3	2.9	
			3.2	
2	50	60.3	3.6	
			4.0	
			4.5	


# Certificates

	<p><b>ÖVGW certificate</b> Megapress G (1/2" - 2")</p>
<p>SZU</p>	<p><b>SZU Certificate</b> Megapress G</p>
<p>SZU</p>	<p><b>SZU Building Technical Certificate</b> Megapress G</p>
<p>AMTEC</p>	<p><b>AMTEC Certificate</b> Profipress, Sanpress, Sanpress Inox, Prestabo, Megapress, Profipress G, Sanpress Inox G, Megapress G</p>
	<p><b>DVGW type examination certificate</b> Megapress G (1/2" - 2")</p>
	<p><b>type examination certificate</b> Megapress G gas ball valve</p>
	<p><b>DNV GL Type Approval Certificate</b> Megapress</p>
	<p><b>DNV GL Type Approval Certificate</b> Megapress Push-in Connection</p>
	<p><b>TÜV Association Certificate</b> Megapress (DN 10 - DN 100)</p>
	<p><b>Bureau Veritas Type Approval Certificate</b> Megapress</p>
<p>BSI</p>	<p><b>BSI Kitemark Certificate</b> Megapress, Megapress S, Megapress G</p>

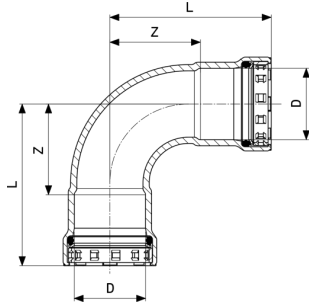
	<p><b>IMQ Certificate</b> Megapress G</p>
	<p><b>RINA Type Approval Certificate</b> Megapress, Megapress (S) XL , Megapress G</p>
	<p><b>Gastec Certificate</b> Megapress G</p>
	<p><b>Gastec Certificate</b> Megapress G (Hydrogen gas)</p>
<p>IZV</p>	<p><b>IZV Certificate</b> Megapress G</p>
	<p><b>ABS Approval Certificate</b> MegaPress, MegaPress G, Megapress FKM</p>
	<p><b>CSA Certificate</b> MegaPress G Ball Valves</p>
<p>LADBS</p>	<p><b>City of LA Certificate</b> MegaPressG</p>
	<p><b>IAPMO Certificate</b> MegaPress Gas fittings and valves</p>
	<p><b>IAPMO Certificate</b> Metallic Press-Connect Fittings for Piping and Tubing Systems</p>
	<p><b>ICC Certificate MegaPressG</b> MegaPress Gas</p>
	<p><b>ICC Certificate Seismic</b> Seismic Certificate for ProPress &amp; MegaPress</p>





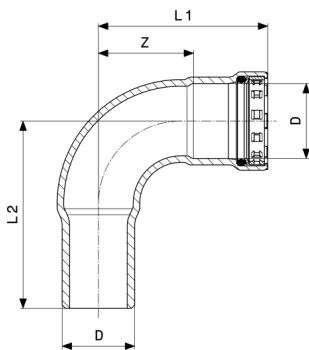
 <p>UL LISTED PEX SPRINKLER PIPE 3 SAV</p>	<p><b>UL180 Listing for MegaPressG</b> UL 180 Listing for MegaPress G</p>
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## Z dimensions



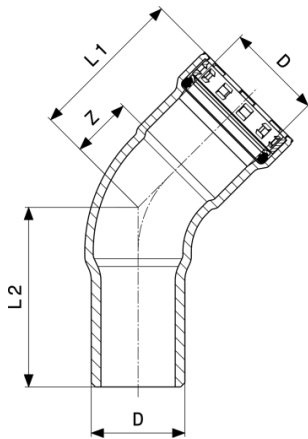
**Megapress G Elbow 90°**  
- non-alloyed steel, zinc-nickel coating  
**Model 4616**

Article	DN	D	Z	L
739 072	15	½	30	57
739 089	20	¾	35	64
739 096	25	1	44	78
739 102	32	1¼	51	97
739 119	40	1½	58	105
739 126	50	2	71	122



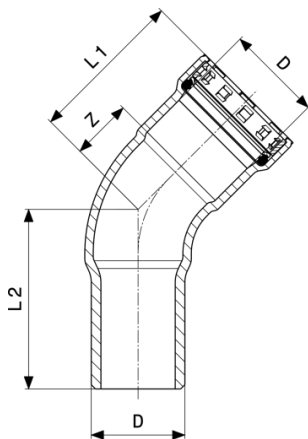
**Megapress G Elbow 90°**  
- non-alloyed steel, zinc-nickel coating  
**Model 4616.1**

Article	DN	D	Z	L1	L2
739 492	15	½	30	57	65
739 508	20	¾	35	64	71
739 515	25	1	44	78	86
739 522	32	1¼	51	97	103
739 539	40	1½	58	105	107
739 546	50	2	71	121	129



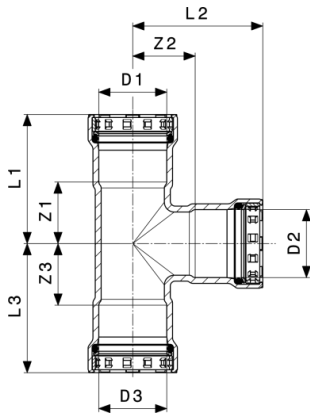
**Megapress G Elbow 45°**  
 - non-alloyed steel, zinc-nickel coating  
**Model 4626**

Article	DN	D	Z	L
739 133	15	½	15	43
739 140	20	¾	18	48
739 454	25	1	22	56
739 461	32	1¼	25	71
739 478	40	1½	29	76
739 485	50	2	34	84



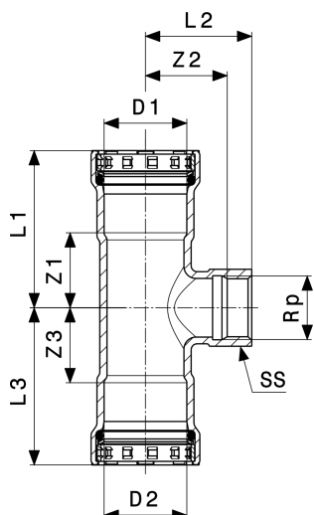
**Megapress G Elbow 45°**  
 - non-alloyed steel, zinc-nickel coating  
**Model 4626.1**

Article	DN	D	Z
739 553	15	½	15
739 560	20	¾	18
739 577	25	1	22
739 584	32	1¼	25
739 591	40	1½	29
739 607	50	2	34



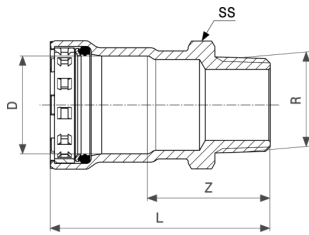
**Megapress G T-piece**  
 - non-alloyed steel, zinc-nickel coating  
**Model 4618**

Article	DN	D1	D2	D3	Z1
739 614	15	½	½	½	25
739 676	20	¾	½	¾	28
739 621	20	¾	¾	¾	28
739 683	25	1	½	1	31
739 690	25	1	¾	1	31
739 638	25	1	1	1	31
784 058	32	1¼	¾	1¼	36
739 706	32	1¼	1	1¼	36
739 645	32	1¼	1¼	1¼	36
784 065	40	1½	¾	1½	40
739 713	40	1½	1	1½	40
784 089	40	1½	1¼	1½	40
739 652	40	1½	1½	1½	40
784 072	50	2	¾	2	46
739 720	50	2	1	2	46
739 737	50	2	1¼	2	45
739 744	50	2	1½	2	46
739 669	50	2	2	2	46



**Megapress G T-piece**  
 - non-alloyed steel, zinc-nickel coating  
**Model 4617.2**

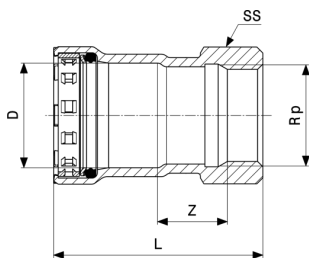
Article	DN	D1	Rp	D2	Z1	Z2	L1	L2	L3
<b>739 751</b>	20	¾	½	¾	28	29	58	39	58
<b>739 768</b>	20	¾	¾	¾	28	28	58	40	58
<b>739 775</b>	25	1	½	1	31	33	65	43	65
<b>739 782</b>	25	1	¾	1	31	34	65	44	65
<b>762 872</b>	25	1	1	1	31	36	65	47	65
<b>739 799</b>	32	1¼	½	1¼	36	36	82	46	82
<b>762 889</b>	32	1¼	¾	1¼	36	38	82	48	82
<b>762 896</b>	32	1¼	1	1¼	36	39	82	51	82
<b>739 805</b>	40	1½	½	1½	40	39	87	49	87
<b>762 902</b>	40	1½	¾	1½	40	40	87	50	87
<b>762 919</b>	40	1½	1	1½	40	43	87	54	87
<b>739 812</b>	50	2	½	2	46	47	96	57	96
<b>762 926</b>	50	2	¾	2	46	48	96	58	96
<b>762 933</b>	50	2	1	2	46	51	96	63	96


**Megapress G Adapter**

- non-alloyed steel, zinc-nickel coating

**Model 4611**

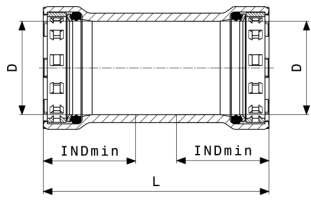
Article	DN	D	R	Z
<b>738 730</b>	15	½	½	37
<b>738 747</b>	20	¾	¾	40
<b>738 853</b>	25	1	1	43
<b>738 860</b>	32	1¼	1¼	48
<b>738 877</b>	40	1½	1½	49
<b>738 884</b>	50	2	2	54


**Megapress G Adapter**

- non-alloyed steel, zinc-nickel coating

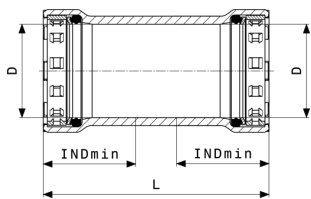
**Model 4612**

Article	DN	D	Rp	Z	L
<b>738 891</b>	15	½	½	21	58
<b>738 907</b>	20	¾	½	17	56
<b>738 914</b>	20	¾	¾	23	62
<b>738 921</b>	25	1	¾	18	63
<b>738 938</b>	25	1	1	23	69
<b>738 945</b>	32	1¼	1¼	24	85
<b>739 058</b>	40	1½	1½	25	86
<b>739 065</b>	50	2	2	25	92



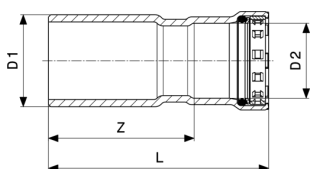
**Megapress G Coupling**  
 - non-alloyed steel, zinc-nickel coating  
**Model 4615**

Article	DN	D	Z
738 617	15	½	14
738 624	20	¾	16
738 631	25	1	15
738 648	32	1¼	18
738 655	40	1½	23
738 662	50	2	20



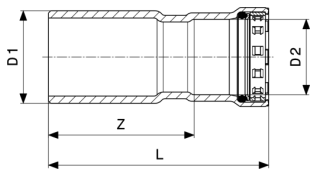
**Megapress G Slip coupling**  
 - non-alloyed steel, zinc-nickel coating  
**Model 4615.5**

Article	DN	D	L
738 679	15	½	69
738 686	20	¾	75
738 693	25	1	84
738 709	32	1¼	110
738 716	40	1½	118
738 723	50	2	120



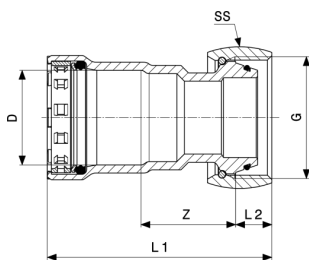
**Megapress G Reducer**  
 - non-alloyed steel, zinc-nickel coating  
**Model 4615.1**

Article	DN1	D1	DN2	D2	Z
739 843	20	¾	15	½	45
739 850	25	1	15	½	54
739 867	25	1	20	¾	53



**Megapress G Reducer**  
 - non-alloyed steel, zinc-nickel coating  
**Model 4615.1**

Article	DN1	D1	DN2	D2	Z
739 874	32	1¼	20	¾	72
739 881	32	1¼	25	1	67
739 898	40	1½	20	¾	76
739 911	40	1½	25	1	71
739 904	40	1½	32	1¼	68
739 928	50	2	32	1¼	77
739 935	50	2	40	1½	75

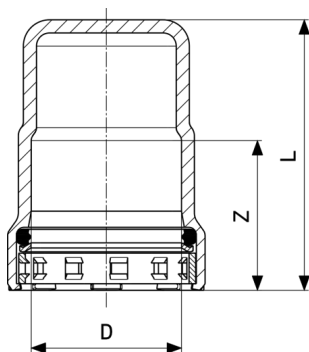


**Megapress G Connection screw fitting**  
 - non-alloyed steel, zinc-nickel coating  
**Model 4661**

Article	DN	D	G	Z
739 829*	20	¾	1⅝	25
739 836*	25	1	1⅝	35

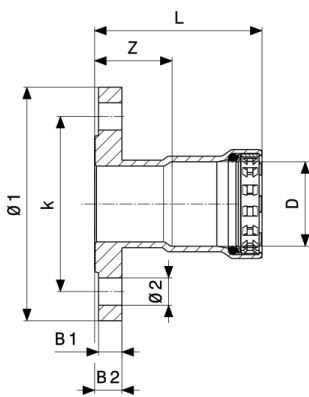
\* = Discontinued, limited availability





**Megapress G Cap**  
 - non-alloyed steel, zinc-nickel coating  
**Model 4656**

Article	DN	D	Z	L
739 942	15	½	27	54
739 959	20	¾	29	57
739 966	25	1	34	62
739 973	32	1¼	46	75
739 980	40	1½	48	77
739 997	50	2	51	79



**Megapress G Flange transition**  
 - non-alloyed steel, zinc-nickel coating  
**Model 4659.5**

Article	DN	D	Z	L	n
740 009*	15	½	37	64	4
740 016	20	¾	40	69	4
740 023	25	1	41	75	4
740 030	32	1¼	28	74	4
740 047	40	1½	28	76	4
740 054	50	2	27	78	4

n = number of holes

\* = Discontinued, limited availability

# Imprint

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

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