

Submittal Package

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Viega MegaPress® and MegaPressG Fitting System

- Chilled Water
- Hydronic Heating
- Fire Protection
- Low Pressure Steam
- Heating Fuel Oil
- Natural Gas
- Compressed Air



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System Data Sheet

System Description

Viega MegaPress and MegaPressG are safe, reliable, and economical steel pipe installation systems that use modern cold press connection technology for a wide assortment of more than 200 fittings in dimensions ranging from ½" to 2".

Pipe: Schedule 5 to schedule 40 Black steel pipe from ½" to 2" for Viega MegaPress. Schedule 40 black pipe for Viega MegaPressG.

Viega Smart Connect feature: By means of the Smart Connect feature on Viega MegaPress Systems fittings, an unpressed connection can be recognized by escaping water, or by a drop in pressure, when testing the system. Fitting connections without the Smart Connect feature may not leak initially; however, later they can unseat during system operations. The Smart Connect feature is designed to protect from the potential risk of unpressed fittings.

Applications

All piping must comply with the ASTM A53, A135, A795 and A106 standards. Viega MegaPress and MegaPressG fittings are approved for installations in both above and below ground applications. Per code, local inspector approval must be obtained prior to installation below ground.

Approved Applications:

- Hydronic heat
- Chilled water
- Compressed Air
- Non Medical Gases
- Fire Sprinkler
- Low Pressure Steam
- Vacuum
- Natural Gas
- LP Gas
- Fuel Oil

System Benefits

- Fast and Easy to Use
- Flameless
- Permanent Connections
- Wide Capacity from ½" to 2"
- Large Selection of Fittings
- Consistent Professional Appearance
- Less Equipment Required
- Environmentally Friendly Connection System
- Versatility of Fittings and Tools for Variety of Applications

Fittings

Viega MegaPress and MegaPressG fittings are offered in 200+ configurations including: Elbows, Couplings, Reducers, Tees, Reducing Tees, Threaded Adapters and Unions.

Tools

RIDGID offers pressing tools for connecting MegaPress fittings.

- 330-C Corded Tool (½" to 2")
- 330-B Battery powered Tool (½" to 2")
- 320-E
- RP 340
- CT-400
- ½" to 4" fittings are pressed in 4-7 sec.

RIDGID Pressing Tools		
Model	330C	330B
Volts	120v	14.4v Battery
Amps	5.2A	27.2A
Weight (w/out jaw)	9 lbs.	10 lbs.

History

Press technology has been used in Europe since the late 1980s and in the U.S. since the late 1990s for a variety of applications. Backed by two plumbing leaders with over 175 years of combined excellence.

Operating Temperatures:

Viega MegaPress: 0°F - 250°F
Viega MegaPressG: -40°F - 180°F

Operating Pressures:

Viega MegaPress: 200 psi max
Viega MegaPressG: 125 psi max

Approvals and Certificates

Viega MegaPress

- UL 213
- FM Class 1920
- IAPMO PS117
- ICC LC1002
- CRN #OA14541.6
- ABS
- GL

Viega MegaPressG

- CSA LC-4
- IAPMO LC-4
- ICC LC-4
- CRN #OA14541.6
- ABS
- GL

Compliant with

- ICC International Plumbing Code
- ICC International Mechanical Code
- UPC Uniform Plumbing Code
- UMC Uniform Mechanical Code
- International Fuel Gas Code
- NFPA 13,13D, 13R, 31, 54 and 58
- ASME B31

Contact your local Viega representative for details on local approvals

For more information on RIDGID products contact:

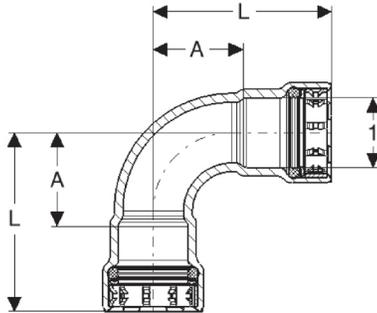
Ridge Tool Company
400 Clark Street, Elyria, Ohio 44036
Demos, Literature: 800-769-7743
Technical inquiries: 800-519-3456
Availability: 888-743-4333
Web: www.ridgid.com

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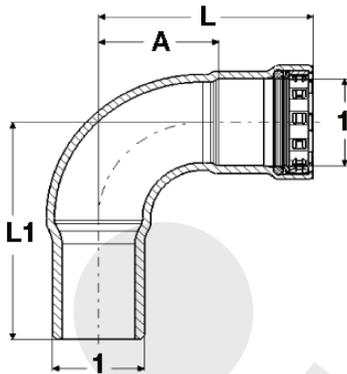
Dimensional Documentation

Steel Elbow 90° P x P - Models 4816 / 6616



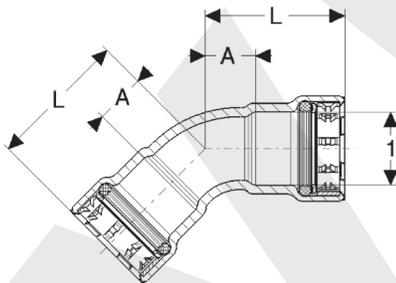
Part No.		Size	A (in)	L (in)
MegaPress	MegaPressG			
25200	25201	1/2"	1 1/8	2 1/4
25205	25206	3/4"	1 3/8	2 1/2
25210	25211	1"	1 3/4	3 1/8
25215	25216	1 1/4"	2	3 3/4
25220	25221	1 1/2"	2 1/4	4 1/8
25225	25226	2"	2 3/4	4 3/4

Steel Elbow 90° FTG x P - Models 4816.1 / 6616.1



Part No.		Size	A (in)	L (in)	L1 (in)
MegaPress	MegaPressG				
26050	26051	1/2"	1 1/8	2 1/4	2 1/2
26055	26056	3/4"	1 3/8	2 1/2	2 3/4
26060	26061	1"	1 3/4	3 1/8	3 3/8
26065	26066	1 1/4"	2	3 3/4	4
26070	26071	1 1/2"	2 1/4	4 1/8	4 1/4
26075	26076	2"	2 3/4	4 3/4	5

Steel Elbow 45° P x P - Models 4826 / 6626



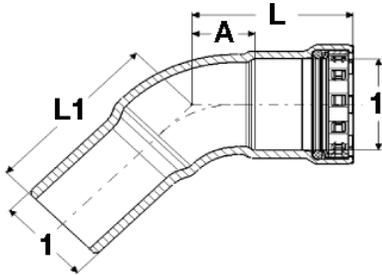
Part No.		Size	A (in)	L (in)
MegaPress	MegaPressG			
25230	25231	1/2"	5/8	1 5/8
25235	25236	3/4"	3/4	1 7/8
25240	25241	1"	7/8	2 1/4
25245	25246	1 1/4"	1	2 3/4
25250	25251	1 1/2"	1 1/8	3
25255	25256	2"	1 1/4	3 1/4

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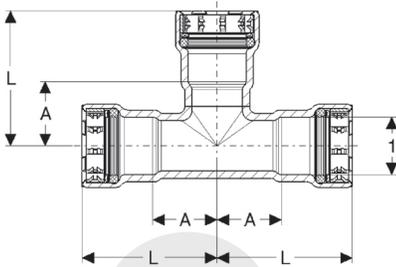


Steel Elbow 45° FTG x P - Models 4826.1 / 6626.1



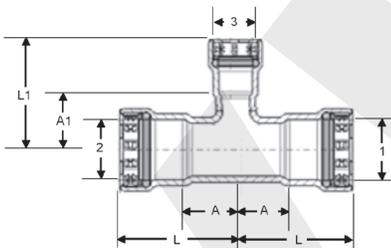
Part No.		Size	A (in)	L (in)	L1 (in)
MegaPress	MegaPressG				
26100	26101	1/2"	5/8	1 1/8	2
26105	26106	3/4"	3/4	1 7/8	2 1/8
26110	26111	1"	7/8	2 1/4	2 1/2
26115	26116	1 1/4"	1	2 3/4	3
26120	26121	1 1/2"	1 1/8	3	3 1/8
26125	26126	2"	1 1/4	3 1/4	3 5/8

Steel Tee P x P x P - Models 4818 / 6618



Part No.		Size	A (in)	L (in)
MegaPress	MegaPressG			
25300	25301	1/2"	1	2 1/8
25305	25306	3/4"	1 1/8	2 1/4
25310	25311	1"	1 1/4	2 9/16
25315	25316	1 1/4"	1 7/16	3 1/4
25320	25321	1 1/2"	1 9/16	3 7/16
25325	25326	2"	1 3/4	3 3/4

Steel Reducing Tee P x P x P - Models 4818 / 6618



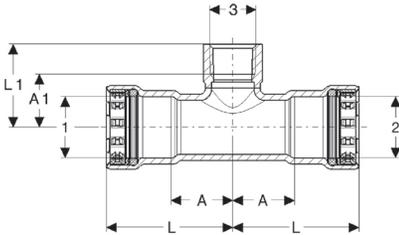
Part No.		Size	A (in)	A1 (in)	L (in)	L1 (in)
MegaPress	MegaPressG	1 2 3				
25330	25331	3/4" x 3/4" x 1/2"	1 1/4	11/16	2 1/4	2 1/8
25335	25336	1" x 1" x 1/2"	1 1/4	1 1/4	2 5/8	2 1/4
25340	25341	1" x 1" x 3/4"	1 1/4	1 1/4	2 5/8	2 3/8
25350	25351	1 1/4" x 1 1/4" x 1"	1 3/8	1 3/8	3 1/4	2 3/4
25360	25361	1 1/2" x 1 1/2" x 1/2"	1 9/16	1 7/16	3 1/2	2 1/2
25365	25366	1 1/2" x 1 1/2" x 3/4"	1 9/16	1 7/16	3 1/2	2 5/8
25370	25371	1 1/2" x 1 1/2" x 1"	1 9/16	1 7/16	3 1/2	2 7/8
25375	25376	1 1/2" x 1 1/2" x 1 1/4"	1 9/16	1 7/16	3 1/2	3 3/8
25380	25381	2" x 2" x 1/2"	1 3/4	1 3/4	3 3/4	2 7/8
25385	25386	2" x 2" x 3/4"	1 3/4	1 3/4	3 3/4	3
25390	25391	2" x 2" x 1"	1 3/4	1 3/4	3 3/4	3 1/8
25395	25396	2" x 2" x 1 1/4"	1 3/4	1 3/4	3 3/4	3 5/8
25400	25401	2" x 2" x 1 1/2"	1 3/4	1 7/8	3 3/4	3 3/4

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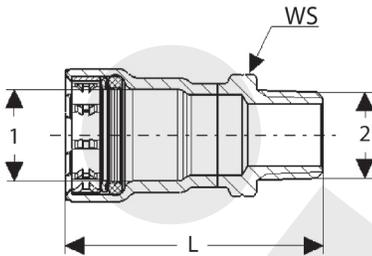


Steel Reducing Tee P x P x FPT - Models 4817.2 / 6617.2



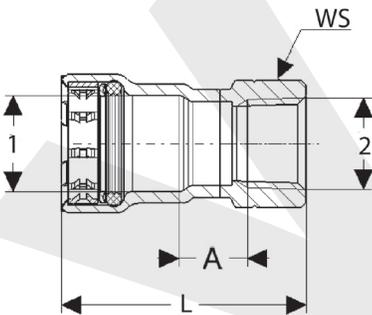
Part No.		Size	A (in)	A1 (in)	L (in)	L1 (in)
MegaPress	MegaPressG	1 2 3				
25405	25406	3/4" x 3/4" x 1/2"	1 1/8	1	2 1/4	1 1/2
25480	25481	3/4" x 3/4" x 3/4"	1 1/8	1 1/8	2 1/4	1 5/8
25410	25411	1" x 1" x 1/2"	1 1/4	1 1/8	2 5/8	1 5/8
25415	25416	1" x 1" x 3/4"	1 1/4	1 1/8	2 5/8	1 5/8
25485	25486	1 1/4" x 1 1/4" x 1/2"	1 3/8	1 3/8	3 1/4	1 7/8
25435	25436	1 1/2" x 1 1/2" x 1/2"	1 9/16	1 7/16	3 7/16	2
25440	25441	1 1/2" x 1 1/2" x 3/4"	1 9/16	1 7/16	3 7/16	2
25445	25446	1 1/2" x 1 1/2" x 1"	1 9/16	1 9/16	3 7/16	2 1/4
25450	25451	1 1/2" x 1 1/2" x 1 1/4"	1 9/16	1 7/16	3 7/16	2 1/4
25455	25456	2" x 2" x 1/2"	1 3/4	1 5/8	3 3/4	2 1/8
25460	25461	2" x 2" x 3/4"	1 3/4	1 5/8	3 3/4	2 1/4
25465	25466	2" x 2" x 1"	1 3/4	1 7/8	3 3/4	2 1/2
25470	25471	2" x 2" x 1 1/4"	1 3/4	1 3/4	3 3/4	2 7/16
25475	25476	2" x 2" x 1 1/2"	1 3/4	1 3/4	3 3/4	2 7/16

Steel Adapter P x MPT - Models 4811 / 6611



Part No.		Size	L (in)	WS (in)
MegaPress	MegaPressG	1 2		
25100	25101	1/2" x 1/2"	2 1/2	1 1/8
25105	25106	3/4" x 3/4"	2 5/8	1 1/4
25110	25111	1" x 1"	2 7/8	1 5/8
25115	25116	1 1/4" x 1 1/4"	3 5/8	1 3/4
25120	25121	1 1/2" x 1 1/2"	3 3/4	2 1/8
25125	25126	2" x 2"	3 7/8	2 3/4

Steel Adapter P x FPT - Models 4812 / 6612



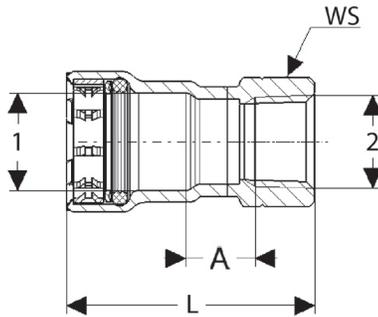
Part No.		Size	A (in)	L (in)	WS (in)
MegaPress	MegaPressG	1 2			
25130	25131	1/2" x 1/2"	5/8	2 1/4	1 1/8
25135	25136	3/4" x 3/4"	5/8	2 3/8	1 1/4
25140	25141	1" x 1"	5/8	2 5/8	1 5/8
25145	25146	1 1/4" x 1 1/4"	3/4	3 1/4	1 3/4
25150	25151	1 1/2" x 1 1/2"	3/4	3 3/8	2 1/8
25155	25156	2" x 2"	3/4	3 3/8	2 3/4

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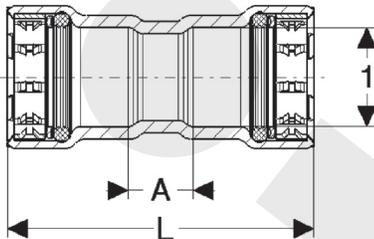


Steel Adapter Reducing P x FPT -- Models 4812 / 6612



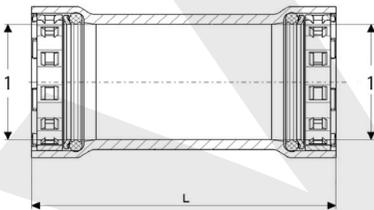
Part No.		Size	A (in)	L (in)	WS (in)
MegaPress	MegaPressG	1 2			
25575	25576	3/4" x 1/2"	5/8	2 3/8	1 1/8
25580	25581	1" x 1/2"	1	2 7/8	1 1/8
25585	25586	1" x 3/4"	3/4	2 5/8	1 1/4
25590	25591	1 1/4" x 1/2"	1 1/8	3 1/2	1 1/8
25595	25596	1 1/4" x 3/4"	1 1/8	3 1/2	1 1/4
25600	25601	1 1/4" x 1"	3/4	3 1/4	1 5/8
25605	25606	1 1/2" x 1/2"	1 1/4	3 3/4	1 1/8
25610	25611	1 1/2" x 3/4"	1 1/4	3 3/4	1 1/4
25615	25616	1 1/2" x 1"	1 1/8	3 5/8	1 5/8
25620	25621	1 1/2" x 1 1/4"	7/8	3 3/8	1 3/4
25625	25626	2" x 1/2"	1 9/16	4 1/16	1 1/8
25630	25631	2" x 3/4"	1 9/16	4 1/16	1 1/4
25635	25636	2" x 1"	1 3/8	4	1 5/8
25640	25641	2" x 1 1/4"	1 1/4	3 15/16	1 3/4
25645	25646	2" x 1 1/2"	3/4	3 3/8	2 1/8

Steel Coupling P x P With Stop - Models 4815 / 6615



Part No.		Size	A (in)	L (in)
MegaPress	MegaPressG	1		
25000	25001	1/2"	9/16	2 3/4
22005	22009	3/4"	5/8	2 15/16
25010	25011	1"	9/16	3 1/4
25015	25016	1 1/4"	1 1/16	4 3/8
25020	25021	1 1/2"	7/8	4 5/8
25025	25026	2"	3/4	4 11/16

Steel Coupling P x P No Stop - Models 4815.5 / 6615.5



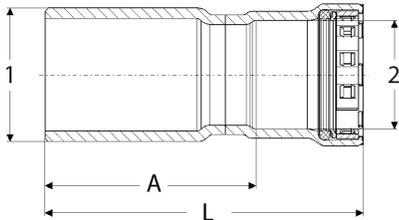
Part No.		Size	L (in)
MegaPress	MegaPressG	1	
25030	25031	1/2"	2 11/16
25035	25036	3/4"	2 15/16
25040	25041	1"	3 1/4
25045	25046	1 1/4"	4 5/16
25050	25051	1 1/2"	4 11/16
25055	25056	2"	4 3/4

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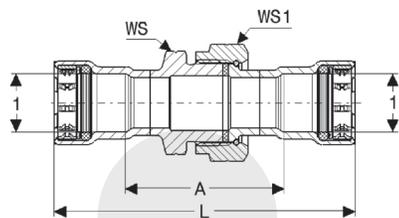


Steel Reducer FTG x P - Models 4815.1 / 6615.1



Part No.		Size	A (in)	L (in)
MegaPress	MegaPressG	1 2		
26000	26001	¾" x ½"	17/8	2 ¹⁵ / ₁₆
26005	26006	1" x ½"	2 ³ / ₁₆	3¼
26010	26011	1" x ¾"	2½	3¼
26015	26016	1¼" x 1"	2 ⁵ / ₈	3 ¹⁵ / ₁₆
26020	26021	1½" x ¾"	3	4½
26025	26031	1½" x 1"	2 ¹³ / ₁₆	4½
26030	26026	1½" x 1¼"	2 ¹¹ / ₁₆	4½
26035	26036	2" x 1"	3½	4½
26040	26041	2" x 1¼"	3 ¹ / ₁₆	4 ⁷ / ₈
26045	26046	2" x 1½"	3 ¹⁵ / ₁₆	4 ¹³ / ₁₆

Steel Union P x P - Models 4860 / 6660



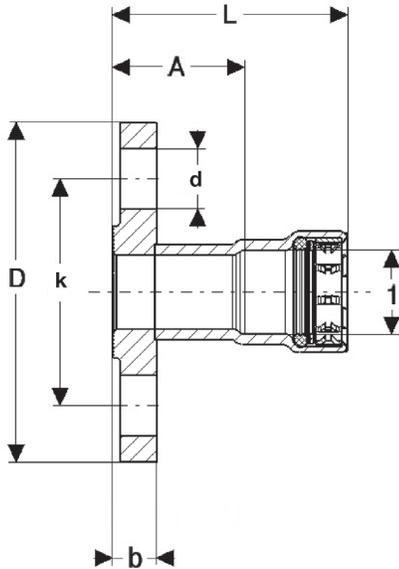
Part No.		Size	A (in)	L (in)	WS (in)	WS1 (in)
MegaPress	MegaPressG	1				
25700	25701	½"	2¾	4½	1¾	1 ⁵ / ₈
25705	25706	¾"	2¾	5	1¾	2
25710	25711	1"	2 ⁵ / ₈	5 ³ / ₈	2	2 ¹ / ₈
25715	25716	1¼"	2 ⁷ / ₈	6½	2	2 ¹ / ₈
25720	25721	1½"	3	6¾	2½	2¾
25725	25726	2"	3¼	7 ¹ / ₈	3½	3 ³ / ₈

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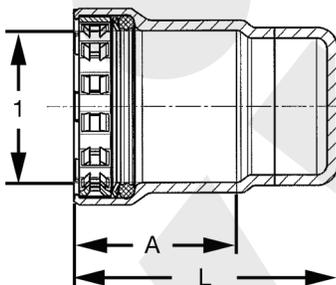


Steel Flange x P - Models 4859.5 / 6659.5



Part No.		Size	A (in)	L (in)	b (in)	k (in)	D (in)	d (in)
MegaPress	MegaPressG	1						
25760	25761	1/2"	1 3/8	2 7/16	7/16	2 3/8	3 9/16	5/8
25765	25766	3/4"	1 1/2	2 5/8	1/2	2 3/4	3 15/16	5/8
25770	25771	1"	1 5/8	2 15/16	9/16	3 1/8	4 5/16	5/8
25775	25776	1 1/4"	1 3/4	3 9/16	5/8	3 1/2	4 1/2	5/8
25780	25781	1 1/2"	1 15/16	3 13/16	11/16	3 7/8	4 15/16	5/8
25785	25786	2"	1 15/16	3 7/8	3/4	4 3/4	5 7/8	3/4

Steel Cap x P - Models 4856 / 6656



Part No.		Size	A (in)	L (in)
MegaPress	MegaPressG	1		
25730	25731	1/2"	1 1/16	2 1/8
25735	25736	3/4"	1 1/8	2 1/4
25740	25741	1"	1 5/16	2 7/16
25745	25746	1 1/4"	1 13/16	2 15/16
25750	25751	1 1/2"	1 7/8	3 1/16
25755	25756	2"	2	3 1/8

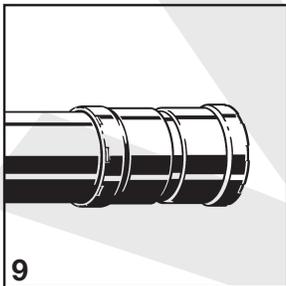
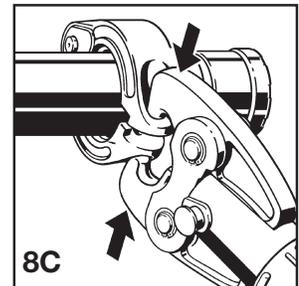
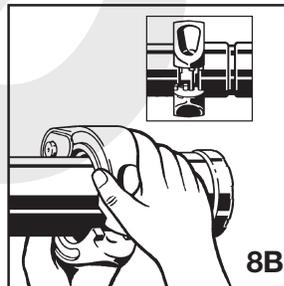
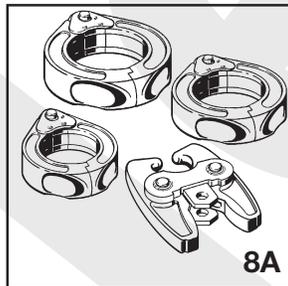
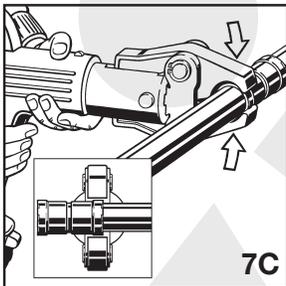
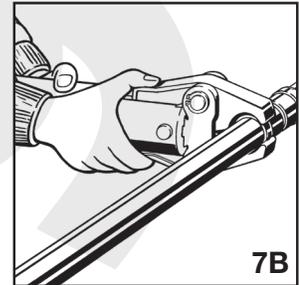
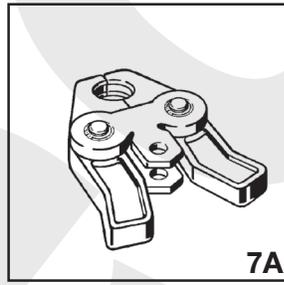
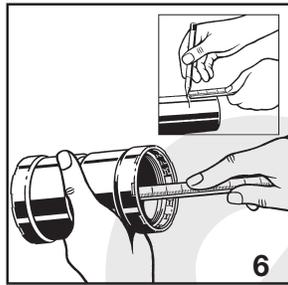
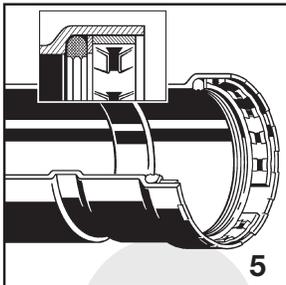
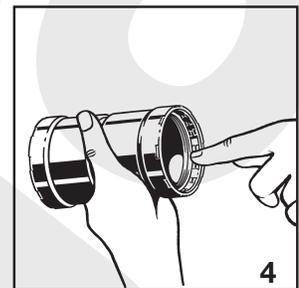
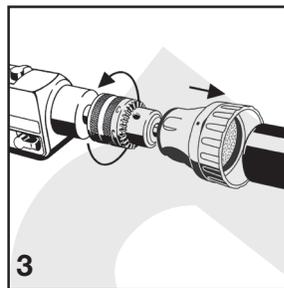
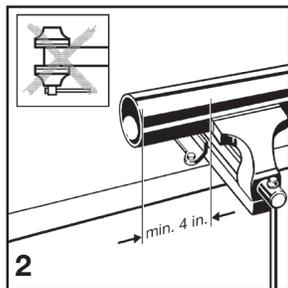
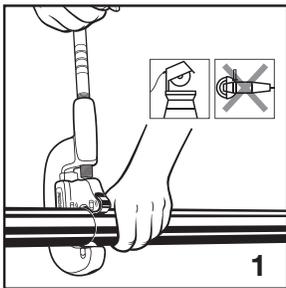
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Product Instructions

 Read and understand all instructions for installing Viega MegaPress and MegaPressG fittings. Failure to follow all instructions may result in extensive property damage, serious injury, or death.

Note: Tubing shall be free of surface imperfections.



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Megapress Viega Limited Warranty

Subject to the conditions and limitations in this Limited Warranty, Viega LLC (Viega) warrants to end users, installers, and distribution houses that its Viega MEGAPRESS metal press fittings (Viega Product) with application appropriate sealing element when properly installed shall be free from failure caused by manufacturing defects for a period of ten (10) years from date of installation in Viega MEGAPRESS Approved Applications for fluids/water, oil and lubricant, and gases under Viega specified system operating conditions.

Under this Limited Warranty, you only have a right to a remedy if the failure or leak resulted from a manufacturing defect in the Viega Product and the failure or leak occurs during the warranty period. You do not have a remedy under this warranty and the warranty remedy does not apply if the failure or any resulting damage is caused by (1) components other than those manufactured or sold by Viega, such as black iron pipe; (2) not designing, installing, inspecting, testing, or maintaining the Viega Product in accordance with Viega's installation and product instructions in effect at the time of installation and other specifications and approvals applicable to the installation; (3) use of Viega Product under non recommended system operating conditions, improper handling and protection of the Viega Product prior to, during and after installation, inadequate freeze protection, or exposure to environmental conditions not recommended for the application; or (4) acts of nature, such as, but not limited to, earthquakes, fire, or weather damage. In the event of a leak or other failure of the Viega Product covered by this warranty, it is the responsibility of the end user to take appropriate measures to mitigate any damage, to include making timely repairs. Only if the warranty applies will Viega be responsible for the remedy under this warranty. The part or parts which you claim failed should be kept and Viega contacted by writing to the address below or telephoning 1-877-843-4362 within thirty (30) calendar days after the leak or other failure and identifying yourself as having a warranty claim. You should be prepared to ship, at your expense, the product which you claim failed due to a manufacturing defect, document the date of installation, and the amount of the repair or replacement if performed by you. Within a reasonable time after receiving the product, Viega will investigate the reasons for the failure, which includes the right to inspect the product at a Viega location and reasonable access to the site of damage. Viega will notify you in writing as to the results of its review.

In the event that Viega determines that the failure or leak was the result of a manufacturing defect in the Viega Product covered by this warranty and this warranty applies, the **EXCLUSIVE AND ONLY REMEDY** under this warranty shall be the reimbursement for reasonable charges for repair or replacement of the Viega Product itself. **VIEGA SHALL NOT BE LIABLE FOR ANY CONSEQUENTIAL OR OTHER DAMAGE (FOR EXAMPLE, ECONOMIC LOSS, WATER OR PROPERTY OR MOLD REMEDIATION) UNDER ANY LEGAL THEORY AND WHETHER ASSERTED BY DIRECT ACTION, FOR CONTRIBUTION OR INDEMNITY OR OTHERWISE.**

THE ABOVE WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE OR ANY STATUTE OF LIMITATIONS RELATING TO SUCH WARRANTIES. Other than this Limited Warranty, Viega does not authorize any person or firm to create for it any other obligation or liability in connection with its products.

This Limited Warranty gives you specific legal rights and you also may have other rights which may vary from state to state. This warranty shall be interpreted and applied under the law of the state in which the product is installed and is intended as a **COMMERCIAL WARRANTY**.

MEGAPRESS WARRANTY, 9/2011

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