

Connected in quality.

# VIEGA MEGAPRESS® SYSTEMS

POCKET GUIDE

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**viega**



Viega.

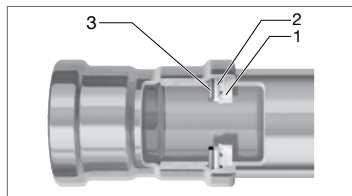
Connected in quality.

### Building on Tradition

Founded 125 years ago, Viega is a privately owned international group of companies. In the United States, Canada, Mexico, and Latin America, Viega specializes in plumbing, heating, and pipe-joining technologies. The values of Viega's founder, Franz-Anselm Viegener, are just as present today as they were when he started the company in 1899. Courage, passion, and innovative spirit are still the basics of Viega's foundation.

### At Viega, Safety is Priority.

Safe, certain, and secure, Viega fittings are designed for peace of mind.



1. In MegaPress fittings, the 420 stainless steel bite ring's teeth bite into the pipe and lock the fitting securely in place.
2. For ½" to 2" fittings, a 304 stainless steel separator ring protects the sealing element from damage by creating a positive physical separation during installation. For 2½" to 4" fittings, a PBT (polybutylene terephthalate) separator ring protects the sealing element.
3. The FKM sealing element ensures watertight or airtight connections.

In all MegaPress fittings, Viega's unique Smart Connect® technology helps installers ensure that they have pressed all connections.



This document is subject to updates. For the most current Viega technical literature, please visit [www.viega.us](http://www.viega.us).



A green dot on a Viega MegaPress fitting indicates Smart Connect® technology with an EPDM sealing element. A white dot on a Viega MegaPress FKM fitting indicates Smart Connect technology with an FKM sealing element. A yellow dot on a Viega MegaPressG fitting indicates Smart Connect technology with an HNBR sealing element. For a current list of applications, please see the [Applications Chart](#).

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Viega products are designed to be installed by licensed and trained plumbing and mechanical professionals who are familiar with Viega products and their installation. **Installation by non-professionals may void Viega LLC's warranty.**

## MegaPress, MegaPress FKM, and MegaPressG Systems

Viega MegaPress systems are state-of-the-art iron pipe Size (IPS) press fitting systems that provide an economical and reliable installation of schedule 5 to schedule 40 carbon steel pipes.

Viega MegaPressG fittings for fuel gas or fuel oil systems must be used with ASTM A53 schedule 10 and schedule 40 carbon steel pipe. MegaPressG is ANSI LC-4/CSA 6.32 approved for fuel gas installations.

Viega MegaPress fittings and valves are constructed of carbon steel with a corrosion-resistant zinc nickel coating ranging from ½" to 2" for MegaPress and ½" to 4" for MegaPress FKM and MegaPressG.

The Viega MegaPress fitting system is offered in configurations that allow for the installation of the vast majority of carbon steel piping applications in the residential, commercial, and industrial markets. MegaPress fittings may be used with seamless (S) or longitudinal welded (W) steel pipes.

MegaPress fittings feature a green dot with an EPDM sealing element while MegaPress FKM fittings have a white dot with an FKM sealing element. MegaPressG fittings have a yellow dot with an HNBR sealing element. All use Viega's unique Smart Connect technology to help installers ensure that they have pressed all connections.

MegaPress ½" to 2" fittings with an EPDM sealing element and MegaPress FKM 2½" to 4" fittings may be installed in NFPA 13, 13R, and 13D fire sprinkler systems. They are certified for use in "wet" and "dry" fire protection systems in accordance with UL and FM certifications:

- ANSI/CAN/UL 213: Standard for Rubber Gasketed Fittings for Fire-Protection Services.
- FM Class 1920: Pipe Couplings and Fittings for Aboveground Fire Protection Systems.

Viega MegaPress systems can help reduce installation time by up to 90 percent compared to traditional methods of pipe joining. Threading and welding can be messy and time consuming, and connections are not always reliable. With Viega press technology, installers can make consistent, secure press connections in a matter of seconds without flame or heavy equipment.

The fittings require no soldering or welding and are installed with electrohydraulic press tools (battery-powered or corded press tools).

Viega MegaPress fittings can be utilized for a wide variety of applications in industrial, commercial, or residential projects.



It is the responsibility of the installer or any other parties to adhere to all applicable local rules and regulations governing the nature of the installation.



The use of the system for applications other than those listed or outside of these parameters must be approved by Viega Technical Support ([techsupport@viega.us](mailto:techsupport@viega.us)).

## Smart Connect Technology – Security Under Pressure

Locating unpressed connections is an important step in the pressure-testing process. Viega MegaPress fittings include Smart Connect technology, providing quick and easy identification of unpressed connections during a pressure test.

Smart Connect technology is a design of the fitting, providing a path for liquids and/or gases from inside the system past the sealing element of an unpressed connection. When pressed according to our Product Instructions, the fluid path is altered, creating a reliable, leakproof connection.

Unpressed connections are located by pressurizing the system with air or water. When testing with water, the proper pressure range is 15 to 85 psi. Pressure testing with air can be dangerous at high pressures. When testing with compressed air, the proper pressure range is ½ to 45 psi. Following a successful Smart Connect test, the system may be pressure tested up to 600 psi maximum for water and 200 psi maximum for air if required by local code requirements.



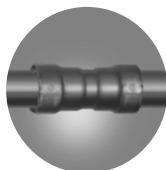
Testing for unpressed connections using Smart Connect is not a replacement for pressure-testing requirements of local codes and standards.



**1** Identify an unpressed connection during pressure testing when water flows past the sealing element.



**2** Upon identification, use the press tool to press the fitting, making a secure, leakproof connection.



**3** Viega MegaPress connections are fast, flameless, and reliable.



### **DANGER!**

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

## Viega MegaPress ½" to 2" Fittings

MegaPress is a carbon steel, cold press system designed for use in chilled water, hydronic heating, compressed air, and fire sprinkler applications.

MegaPress fittings in sizes from ½" to 2" are offered in configurations that include elbows, couplings, no-stop couplings, reducers, tees, reducing tees, adapters, reducing adapters, unions, caps, and flanges.

### Components

- Alloy: carbon steel with corrosion-resistant zinc nickel coating
- EPDM sealing element
- 420 stainless steel grip ring
- 304 stainless steel separator ring

### Operating Parameters

- Max. operating pressure: 200 psi
- Max. test pressure: 600 psi
- Temperature range: 0°F to 250°F

### Listings and Certifications

- ANSI/CAN/UL 213
- ASTM F3226
- CRN 23019.5 A/B/C
- FM Class 1920
- IAPMO/ANSI/CAN Z1117
- ICC LC1002

### Compliant With

- ASME B31, B31.1, B31.3, B31.9
- IAPMO Uniform Mechanical Code (UMC)
- ICC International Mechanical Code (IMC)
- ICC International Residential Code (IRC)
- National Building Code of Canada (NBCC)
- National Plumbing Code of Canada (NPCC)
- NFPA 13, 13D, 13R

### Approved Applications

- Hydronics
- Low-pressure steam
- Industrial gases
- Compressed air (no oil)
- Fire sprinkler
- Vacuum

MegaPress fittings with an EPDM seal are not approved for potable water or fuel gas applications. For more specific information on applications for MegaPress, contact Viega Technical Support at 1-800-976-9819.

MegaPress ½" to 2" systems are approved for underground use and must be protected against corrosion in accordance with NFPA 54 section 404.8, NACE Standard RP0169-2002 section 5, 2009 UPC Chapter 6 section 609.3.1, 2009 UMC Chapter 13 section 1312.1.3, and in accordance with local and national codes.

MegaPress fittings are designed for use in piping systems utilizing ASTM A53, A106, A135, and A795 schedule 5 to schedule 40 carbon steel pipe.

### Recommended Tools

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.)
- #56013 MegaPress jaw/ring kit

### Smart Connect Technology

MegaPress fittings are manufactured with Viega's unique Smart Connect technology. A design of the fitting, Smart Connect technology allows identification of an unpressed fitting during pressure testing.

## Viega MegaPress FKM Fittings

MegaPress FKM is a carbon steel, cold press system designed for use in chilled water, hydronic heating, compressed air, and fire sprinkler applications. MegaPress FKM fittings in sizes from ½" to 4" are offered in configurations that include elbows, couplings, no-stop couplings, reducers, tees, reducing tees, adapters, unions, caps, and flanges.

### Components

- Alloy: carbon steel with corrosion-resistant zinc nickel coating
- FKM sealing element
- 420 stainless steel grip ring
- 304 stainless steel separator ring for ½" to 2" fittings
- PBT separator ring for 2½" to 4" fittings

### Operating Parameters

- Max. operating pressure: 200 psi
- Max. test pressure: 600 psi
- Temperature range: 14°F to 284°F (with temperature spikes up to 356°F)

### Listings and Certifications

- ANSI/CAN/UL 213
- ASTM F3226
- CRN 23019.5 A/B/C
- IAPMO/ANSI/CAN Z1117
- ICC LC1002
- FM Class 1920

### Compliant With

- ASME B31, B31.1, B31.3, B31.9
- IAPMO Uniform Mechanical Code (UMC)
- ICC International Mechanical Code (IMC)
- ICC International Residential Code (IRC)
- National Building Code of Canada (NBCC)
- National Plumbing Code of Canada (NPCC)
- NFPA 13, 13D, 13R

### Approved Applications

- Fire sprinkler
- Hydronics
- Low-pressure steam
- Fuel oil
- Industrial gases
- Compressed air
- Vacuum

MegaPress FKM is not approved for potable water application. For more specific information on applications for MegaPress FKM, contact Viega Technical Support at 1-800-976-9819.

MegaPress FKM systems are approved for underground use and must be protected against corrosion in accordance with NFPA 54 section 404.8, NACE Standard RP0169-2002 section 5, 2009 UPC Chapter 6 section 609.3.1, 2009 UMC Chapter 13 section 1312.1.3, and in accordance with local and national codes.

MegaPress FKM fittings are designed for use in piping systems utilizing ASTM A53, A106, A135, and A795 schedule 5 to schedule 40 carbon steel pipe.

### Recommended Tools

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.)
- #56013 MegaPress jaw/ring kit (½" to 2")
- #26200 MegaPress XL PressBooster with 2½" press ring
- #57078 MegaPress XL 3" and 4" press ring kit
- #57081 Z3 Actuator with 2½" press ring (must be used with press gun with minimum 80mm press stroke)

### Smart Connect Technology

MegaPress FKM fittings are manufactured with Viega's unique Smart Connect technology. A design of the fitting, Smart Connect technology allows identification of an unpressed fitting during pressure testing.

## Viega MegaPressG Fittings

Viega MegaPressG is a carbon steel, cold press fitting system designed for use in fuel gas systems and applications with a high oil content. MegaPressG fittings in sizes from ½" to 4" are offered in numerous configurations.

### Components

- Alloy: carbon steel with corrosion-resistant zinc nickel coating
- HNBR sealing element
- 420 stainless steel grip ring
- 304 stainless steel separator ring for ½" to 2" fittings
- Graphite separator ring for 2½" to 4" fittings

### Operating Parameters

- Max. operating pressure: 125 psi for fuel gas applications; 200 psi for other approved applications
- Max. test pressure: 200 psi air; 600 psi water
- Temperature range: -40°F to 180°F

### Approved Piping

- Fuel gas applications: ASTM A53 schedule 10 to schedule 40 carbon steel pipe
- Non-fuel gas applications: ASTM A53, A106, A135, and A795 schedule 5 to schedule 40 carbon steel pipe. Schedule 80 pipe may be used, but operating pressures are limited to those in Viega's [Applications Chart](#).



Adopted code versions, standards compliance, and local approvals should be considered for selecting pipe schedule and type.

### Listings and Certifications

- ANSI/CAN/UL/ULC 180
- ASTM F3226
- CRN 23019.5 A/B/C
- CSA: ANSI LC 4a/CSA 6.32a
- IAPMO: ANSI LC 4a/CSA 6.32a
- ICC-ES: ANSI LC 4a/CSA 6.32a



ANSI/CAN/UL/ULC 180 Standard for Safety for Combustible Liquid Tank Accessories: Compression Fittings for Aboveground Pipe Supply and Fill Vents. Install according to the

Manufacturer's Instructions. For Combustible Liquid Use. Pressure rating max 125 psi / 861 kPa. Fire rating 30 minutes.

### Compliant With

- ASME B31, B31.1, B31.3, B31.9
- CAN/CSA-B149.1
- IAPMO National Standard Plumbing Code (NSPC)
- IAPMO Uniform Mechanical Code (UMC)
- IAPMO Uniform Plumbing Code (UPC)
- ICC International Fuel Gas Code (IFGC)
- ICC International Residential Code (IRC)
- NFPA 54/Z223: National Fuel Gas Code
- NFPA 58: Liquefied Petroleum Gas Code

### Approved Applications

- Natural gas
- Propane gas
- Lubricants/oils
- Compressed air
- Industrial gases
- Vacuum

For more specific information on applications for MegaPressG, contact Viega Technical Support at 1-800-976-9819.

Viega MegaPressG systems are approved for underground use and must be protected against corrosion in accordance with NFPA 54 section 404.8, NACE Standard RP0169-2002 section 5, 2009 UPC Chapter 6 section 609.3.1, 2009 UMC Chapter 13 section 1312.1.3, and in accordance with local and national codes.

### Recommended Tools

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.)
- #56013 MegaPress jaw/ring kit (½" to 2")
- #26200 MegaPress XL PressBooster with 2½" press ring
- #57078 MegaPress XL 3" and 4" press ring kit
- #57081 Z3 Actuator with 2½" press ring (must be used with press gun with minimum 80mm press stroke)

### Smart Connect Technology

Viega MegaPressG fittings are manufactured with Viega's unique Smart Connect technology. A design of the fitting, Viega Smart Connect technology allows identification of an unpressed fitting during pressure testing.

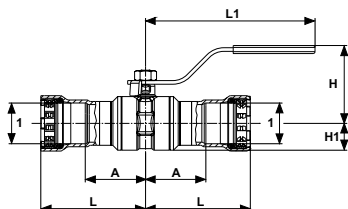


## Viega MegaPress Ball Valve, Model 4870

The MegaPress carbon steel ball valve is equipped with a full port, zinc-nickel-coated carbon steel body and press ends. The ball valve features an EPDM sealing element, a 420 stainless grip ring, a 304 stainless separator ring, EPDM stem seals, a locking metal handle, and Viega's Smart Connect technology for easy identification of unpressed connections during pressure testing.

### Features

- 316 stainless steel ball
- Body material designation: CS 1.0553
- Eco Brass® blowout-proof stem
- Lockable metal handle
- Reinforced PTFE seats
- Smart Connect technology



### Ratings

- Temperature range: 0°F to 250°F
- Max. operating pressure: 250 CWP

### Approvals

- Conforms to MSS SP-110
- ASME B31
- IAPMO/ANSI Z1157

### Recommended Tools

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.)
- #56013 MegaPress jaw/ring kit

| Part No. | Size (in) | A (in) | L (in) | L1 (in) | H (in) | H1 (in) |
|----------|-----------|--------|--------|---------|--------|---------|
|          | 1         |        |        |         |        |         |
| 28915    | 1/2       | 1.535  | 2.618  | 4.567   | 1.992  | 0.634   |
| 28920    | 3/4       | 1.638  | 2.795  | 4.567   | 2.102  | 0.748   |
| 28925    | 1         | 1.811  | 3.157  | 5.768   | 2.469  | 0.878   |
| 28930    | 1 1/4     | 1.976  | 3.795  | 5.768   | 2.709  | 1.142   |
| 28935    | 1 1/2     | 2.142  | 4.012  | 6.122   | 3.016  | 1.358   |
| 28940    | 2         | 2.382  | 4.370  | 6.122   | 3.315  | 1.654   |

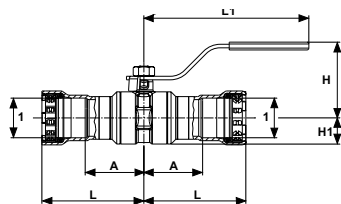
| Valve Size (in) | Valve Stem Nut Size | Stem Nut ft/lbs | Stem Nut (Nm) | Cv (US gal/min) |
|-----------------|---------------------|-----------------|---------------|-----------------|
| 1/2             | M8                  | 3.7 to 7.5      | 5 to 10       | 15.5            |
| 3/4             | M8                  | 3.7 to 7.5      | 5 to 10       | 33.4            |
| 1               | M8                  | 3.7 to 7.5      | 5 to 10       | 46.4            |
| 1 1/4           | M8                  | 3.7 to 7.5      | 5 to 10       | 93.5            |
| 1 1/2           | M8                  | 3.7 to 7.5      | 5 to 10       | 124             |
| 2               | M8                  | 3.7 to 7.5      | 5 to 10       | 246             |

## Viega MegaPress FKM Ball Valve, Models 5970 and 5970XL

The MegaPress FKM carbon steel ball valve is equipped with a full port, zinc-nickel-coated carbon steel body and press ends. The ball valve features an FKM sealing element, a 420 stainless steel grip ring, a 304 stainless separator ring, FKM stem seals, a locking metal handle, and Viega's Smart Connect technology for easy identification of unpressed connections during pressure testing.

### Features

- 316 stainless steel ball
- Body material designation: CS 1.0553
- Eco Brass blowout-proof stem
- Lockable metal handle
- Reinforced PTFE seats
- Smart Connect technology
- ISO 5211 mounting pad (for 2½", 3", and 4" only)



| Part No. | Size (in) | A (in) | L (in) | L1 (in) | H (in) | H1 (in) |
|----------|-----------|--------|--------|---------|--------|---------|
| 28945    | 1/2       | 1.535  | 2.618  | 4.567   | 1.992  | 0.634   |
| 28950    | 3/4       | 1.638  | 2.795  | 4.567   | 2.102  | 0.748   |
| 28955    | 1         | 1.811  | 3.157  | 5.768   | 2.469  | 0.878   |
| 28960    | 1 1/4     | 1.976  | 3.795  | 5.768   | 2.709  | 1.142   |
| 28965    | 1 1/2     | 2.142  | 4.012  | 6.122   | 3.016  | 1.358   |
| 28970    | 2         | 2.382  | 4.370  | 6.122   | 3.315  | 1.654   |
| 86790    | 2 1/2     | 3.720  | 5.520  | 11.09   | 5.130  | 2.390   |
| 86795    | 3         | 4.070  | 6.400  | 11.09   | 5.520  | 2.800   |
| 86800    | 4         | 4.670  | 7.840  | 13.06   | 6.700  | 3.450   |

### Ratings

- Temperature range: 14°F to 284°F (with temperature spikes up to 365°F)
- Max. operating pressure ½" to 2": 250 CWP
- Max. operating pressure 2½" to 4": 200 CWP

### Approvals

- Conforms to MSS SP-110
- ASME B31
- APMO/ANSI Z1157

### Recommended Tools

For ½" to 2":

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.)
- #56013 MegaPress jaw/ring kit (½" to 2")

For 2½" to 4":

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.) for use with the PressBooster
- #26200 MegaPress XL PressBooster with 2½" press ring
- #57078 MegaPress XL 3" and 4" press ring kit
- #57081 Z3 actuator with 2½" press ring (must be used with press gun with minimum 80 mm press stroke)

| Valve Size (in) | Valve Stem Nut Size | Stem Nut ft/lbs | Stem Nut (Nm) | Cv (US gal/min) |
|-----------------|---------------------|-----------------|---------------|-----------------|
| 1/2             | M8                  | 3.7-7.5         | 5-10          | 15.5            |
| 3/4             | M8                  | 3.7-7.5         | 5-10          | 33.4            |
| 1               | M8                  | 3.7-7.5         | 5-10          | 46.4            |
| 1 1/4           | M8                  | 3.7-7.5         | 5-10          | 93.5            |
| 1 1/2           | M8                  | 3.7-7.5         | 5-10          | 124             |
| 2               | M8                  | 3.7-7.5         | 5-10          | 246             |
| 2 1/2           | M8                  | 22.1-44.3       | 30-60         | 403             |
| 3               | M8                  | 22.1-44.3       | 30-60         | 606             |
| 4               | M8                  | 22.1-44.3       | 30-60         | 1.049           |

## Viega MegaPress 3-piece Ball Valve, Model 4875.8

The MegaPress EPDM 3-piece carbon steel ball valve is equipped with a full port, 316 stainless steel 3-piece body, and zinc-nickel-coated steel press ends. The ball valve features an EPDM sealing element, a 420 stainless grip ring, a 304 stainless separator ring, PTFE stem seals, a locking metal handle, and Viega's Smart Connect technology for easy identification of unpressed connections during pressure testing.

### Features

- 316 stainless steel ball
- Blowout-proof 316 stainless steel stem
- 304 stainless steel locking handle
- Adjustable packing nut
- Reinforced PTFE seats
- Smart Connect technology
- ISO 5211 mounting pad

### Ratings

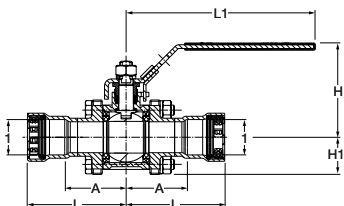
- Temperature range: 0°F to 250°F
- Max. operating pressure: 250 CWP

### Approvals

- Conforms to MSS SP-110
- ASME B31
- IAPMO Z1157

### Recommended Tools

- Standard-size press tool (minimum hydraulic ram output of 7200 lbs.)
- #56013 MegaPress jaw/ring kit



| Part No. | Size (in)<br>1 | A (in) | L (in) | L1 (in) | H (in) | H1 (in) |
|----------|----------------|--------|--------|---------|--------|---------|
| 28500    | 1/2            | 1.72   | 2.80   | 5.88    | 2.85   | 1.04    |
| 28501    | 3/4            | 1.91   | 3.06   | 5.88    | 2.93   | 1.16    |
| 28502    | 1              | 2.19   | 3.54   | 7.54    | 3.33   | 1.40    |
| 28503    | 1 1/4          | 2.50   | 4.31   | 7.54    | 3.57   | 1.57    |
| 28504    | 1 1/2          | 2.92   | 4.79   | 7.54    | 3.89   | 1.83    |
| 28505    | 2              | 3.09   | 5.07   | 7.54    | 3.89   | 1.83    |

| Valve Size (in) | Valve Body Bolt and Nut Size | Bolt Torque +/- 5 | Valve Stem Nut Size | Stem Nut    |
|-----------------|------------------------------|-------------------|---------------------|-------------|
|                 |                              | ft/lbs (Nm)       |                     | ft/lbs (Nm) |
| 1/2             | M8 x 55 M8                   | 7.5 (10)          | AF 16 mm            | 7.5 10      |
| 3/4             | M8 x 65 M8                   | 15 (20)           | AF 18 mm            | 11 15       |
| 1               | M10 x 75 M10                 | 15 (20)           | AF 21 mm            | 11 15       |
| 1 1/4           | M10 x 90 M10                 | 22.5 (30)         | AF 22 mm            | 18.5 25     |
| 1 1/2           | M10 x 100 M10                | 22.5 (30)         | AF 24 mm            | 18.5 25     |
| 2               | M10 x 100 M10                | 22.5 (30)         | AF 24 mm            | 18.5 25     |

## Viega MegaPress FKM 3-piece Ball Valve, Models 5975.8 and 5975.8XL

The MegaPress FKM 3-piece carbon steel ball valve is equipped with a full port, 316 stainless steel 3-piece body and zinc-nickel-coated steel press ends. The ball valve features an FKM sealing element, a 420 stainless grip ring, a 304 stainless separator ring, PTFE stem seals, a locking metal handle, and Viega's Smart Connect technology for easy identification of unpressed connections during pressure testing.

### Features

- 316 stainless steel ball
- Blowout-proof 316 stainless steel stem
- 304 stainless steel locking handle
- Adjustable packing nut
- Reinforced PTFE seats
- Smart Connect technology
- ISO 5211 mounting pad

### Ratings

- Temperature range: 14°F to 284°F (with temperature spikes up to 356°F)
- Max. operating pressure for ½" to 2": 250 CWP
- Max. operating pressure for 2½" to 4": 200 CWP

### Approvals

- Conforms to MSS SP-110
- ASME B31
- IAPMO Z1157

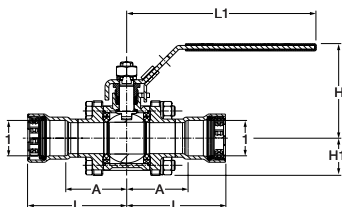
### Recommended Tools

For ½" to 2":

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.)
- #56013 MegaPress jaw/ring kit (½" to 2")

For 2½" to 4":

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.) for use with the PressBooster
- #26200 MegaPress XL PressBooster with 2½" press ring
- #57078 MegaPress XL 3" and 4" press ring kit
- #57081 Z3 actuator with 2½" press ring (must be used with press gun with minimum 80 mm press stroke)



| Valve Size (in)* | Valve Body Bolt and Nut Size | Bolt Torque +/- 5 ft/lbs (Nm) | Valve Stem Nut Size | Stem Nut ft/lbs (Nm) |
|------------------|------------------------------|-------------------------------|---------------------|----------------------|
| ½                | M8 x 55                      | M8 7.5 (10)                   | AF 16 mm            | 7.5 10               |
| ¾                | M8 x 65                      | M8 15 (20)                    | AF 18 mm            | 11 15                |
| 1                | M10 x 75                     | M10 15 (20)                   | AF 21 mm            | 11 15                |
| 1¼               | M10 x 90                     | M10 22.5 (30)                 | AF 22 mm            | 18.5 25              |
| 1½               | M10 x 100                    | M10 22.5 (30)                 | AF 24 mm            | 18.5 25              |
| 2                | M10 x 100                    | M10 22.5 (30)                 | AF 24 mm            | 18.5 25              |
| 2½               | M12 x 140                    | M14 45 (60)                   | AF 30 mm            | 26 (35)              |
| 3                | M12 x 140                    | M14 45 (60)                   | AF 30 mm            | 26 (35)              |
| 4                | M12 x 140                    | M14 45 (60)                   | AF 30 mm            | 26 (35)              |

\*Sizes up to 3" have 4-bolt flanges; 4" has 6-bolt flanges.

| Part No. | Size (in)* | A (in) | L (in) | L1 (in) | H (in) | H1 (in)   |
|----------|------------|--------|--------|---------|--------|-----------|
| EPDM     | FKM        | 1      |        |         |        |           |
| 28500    | 86400      | ½      | 1.72   | 2.80    | 5.88   | 2.85 1.04 |
| 28501    | 86405      | ¾      | 1.91   | 3.06    | 5.88   | 2.93 1.16 |
| 28502    | 86410      | 1      | 2.19   | 3.54    | 7.54   | 3.33 1.40 |
| 28503    | 86415      | 1¼     | 2.50   | 4.31    | 7.54   | 3.57 1.57 |
| 28504    | 86420      | 1½     | 2.92   | 4.79    | 7.54   | 3.89 1.83 |
| 28505    | 86425      | 2      | 3.09   | 5.07    | 7.54   | 3.89 1.83 |
| N/A      | 86680      | 2½     | 3.74   | 5.54    | 11.06  | 5.08 2.28 |
| N/A      | 86685      | 3      | 4.37   | 6.67    | 11.06  | 5.47 2.68 |
| N/A      | 86690      | 4      | 4.88   | 8.06    | 13.07  | 6.89 3.79 |

\*Sizes up to 3" have 4-bolt flanges; 4" has 6-bolt flanges.

## Viega MegaPressG Ball Valve, Model 6675

The MegaPressG ball valve, model 6675, comes equipped with a full port silicon bronze body, a 316 stainless steel ball, and zinc-nickel-coated steel press ends. The ball valve is P x P and features an HNBR sealing element, a 420 SST grip ring, a 304 separator ring, and Viega's Smart Connect technology for easy identification of unpressed connections during pressure testing.

### Features

- 316 stainless steel ball
- Lockable metal handle
- Double stem seal
- Reinforced PTFE seats
- Smart Connect technology

### Ratings

- Temperature range: -40°F to 180°F
- Max. operating pressure: 125 psi for fuel gas applications; 250 psi for other approved applications (See Viega's [Application Chart](#))

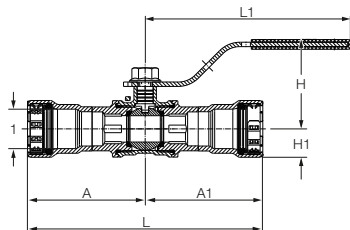
### Approvals

- Conforms to MSS SP-110
- ANSI LC 4/CSA 6.32
- ANSI LC 4a/CSA 6.32a
- ASME B31

### Recommended Tools

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.)
- #56013 MegaPress jaw/ring kit

| Component       | Material                 |
|-----------------|--------------------------|
| Body            | Bronze C87700            |
| Ball            | 316 stainless steel      |
| Seat            | Reinforced PTFE          |
| Stem seals      | FKM or HNBR              |
| Nut             | Zinc-plated steel        |
| Handle          | Zinc-plated steel        |
| Handle cover    | Polyvinyl                |
| Sealing element | HNBR                     |
| Connection ends | Zinc-nickel-coated steel |
| Grip ring       | 420 stainless steel      |
| Separator ring  | 304 stainless steel      |



| Part No. | Size (in) | A (in) | A1 (in) | L (in) | L1 (in) | H (in) | H1 (in) |
|----------|-----------|--------|---------|--------|---------|--------|---------|
| <b>1</b> |           |        |         |        |         |        |         |
| 30600    | 1/2       | 2.62   | 2.62    | 5.24   | 4.57    | 1.99   | 0.63    |
| 30605    | 3/4       | 2.80   | 2.80    | 5.59   | 4.57    | 2.10   | 0.77    |
| 30610    | 1         | 3.16   | 3.16    | 6.31   | 5.77    | 2.46   | 0.91    |
| 30615    | 1 1/4     | 3.78   | 3.78    | 7.55   | 5.77    | 2.69   | 1.14    |
| 30620    | 1 1/2     | 3.98   | 3.98    | 7.97   | 6.12    | 3.02   | 1.36    |
| 30625    | 2         | 4.35   | 4.35    | 8.70   | 6.12    | 3.31   | 1.65    |

## Viega MegaPressG Ball Valve, Model 6675XL

The MegaPressG ball valve comes equipped with a full port zinc-nickel-coated carbon steel body, press ends, and a plated ball. The ball valve is P x P and features an HNBR sealing element, a 420 SST grip ring, a graphite separator ring, and Viega's Smart Connect® technology for easy identification of unpressed connections during pressure testing.

### Features

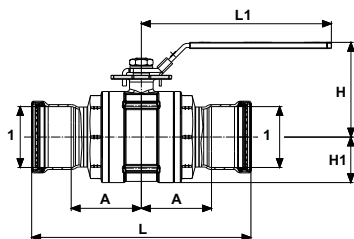
- Chromium-plated ball
- Lockable stainless steel handle
- Double stem HNBR seal
- Reinforced PTFE seats
- Smart Connect technology

### Ratings

- Temperature range: -40°F to 180°F
- Max. operating pressure: 125 psi for fuel gas applications; 250 psi for other approved applications (See Viega's [Application Chart](#))

### Approvals

- Conforms to MSS SP-110
- ANSI LC 4/CSA 6.32
- ANSI LC 4a/CSA 6.32a
- ASME B31



### Recommended Tools

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.) for use with the PressBooster
- #26200 MegaPress XL PressBooster with 2½" press ring
- #57078 MegaPress XL 3" and 4" press ring kit
- #57081 Z3 actuator with 2½" press ring (must be used with press gun with minimum 80 mm press stroke)

| Component       | Material                       |
|-----------------|--------------------------------|
| Body            | Zinc-nickel-coated steel       |
| Ball            | Low lead brass chromium plated |
| Seat            | Reinforced PTFE                |
| Stem seals      | HNBR                           |
| Nut             | Stainless steel                |
| Handle          | Stainless steel                |
| Handle cover    | Polyvinyl                      |
| Sealing element | HNBR                           |
| Connection ends | Zinc-nickel-coated steel       |
| Grip ring       | 420 stainless steel            |
| Separator ring  | 304 stainless steel            |

| Part No. | Size (in)<br>1 | A (in) | L (in) | L1 (in) | H (in) | H1 (in) |
|----------|----------------|--------|--------|---------|--------|---------|
| 86840    | 2½             | 3.72   | 11.04  | 11.09   | 5.14   | 2.40    |
| 86845    | 3              | 4.07   | 12.80  | 11.09   | 5.54   | 2.80    |
| 86850    | 4              | 4.67   | 15.68  | 13.06   | 6.70   | 3.45    |

## Viega MegaPressG Ball Valve, Model 6675.1

The MegaPressG ball valve, model 6675.1, comes equipped with a full port silicon bronze body, a 316 stainless steel ball, and zinc-nickel-coated steel connection ends. The ball valve is PxPPT and features an HNBR sealing element, a 420 SST grip ring, a 304 separator ring, and Viega's Smart Connect technology for easy identification of unpressed connections during pressure testing.

### Features

- 316 stainless steel ball
- Lockable metal handle
- Double stem seal
- Reinforced PTFE seats
- Smart Connect technology

### Ratings

- Temperature range: -40°F to 180°F
- Max. operating pressure: 125 psi for fuel gas applications; 250 psi for other approved applications (See Viega's [Application Chart](#))

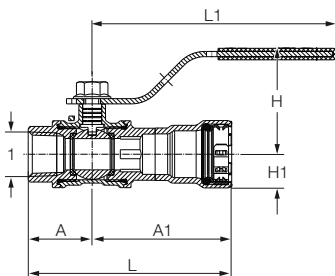
### Approvals

- Conforms to MSS SP-110
- ANSI LC 4/CSA 6.32
- ANSI LC 4a/CSA 6.32a
- ASME B31

### Recommended Tools

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.)
- #56013 MegaPress jaw/ring kit

| Component       | Material                 |
|-----------------|--------------------------|
| Body            | Bronze C87700            |
| Ball            | 316 stainless steel      |
| Seat            | Reinforced PTFE          |
| Stem seals      | FKM or HNBR              |
| Nut             | Zinc-plated steel        |
| Handle          | Zinc-plated steel        |
| Handle cover    | Polyvinyl                |
| Sealing element | HNBR                     |
| Connection ends | Zinc-nickel-coated steel |
| Grip ring       | 420 stainless steel      |
| Separator ring  | 304 stainless steel      |



| Part No. | Size (in) | A (in) | A1 (in) | L (in) | L1 (in) | H (in) | H1 (in) |
|----------|-----------|--------|---------|--------|---------|--------|---------|
| <b>1</b> |           |        |         |        |         |        |         |
| 30630    | 1/2       | 1.20   | 2.62    | 3.82   | 4.57    | 1.99   | 0.63    |
| 30635    | 3/4       | 1.36   | 2.80    | 4.15   | 4.57    | 2.10   | 0.77    |
| 30640    | 1         | 1.85   | 3.16    | 5.00   | 5.77    | 2.46   | 0.91    |
| 30645    | 1 1/4     | 1.87   | 3.78    | 5.64   | 5.77    | 2.69   | 1.14    |
| 30650    | 1 1/2     | 2.05   | 3.98    | 6.03   | 6.12    | 3.02   | 1.36    |
| 30655    | 2         | 2.43   | 4.35    | 6.78   | 6.12    | 3.31   | 1.65    |

## Viega MegaPressG Ball Valve, Model 6675.2

The MegaPressG ball valve, model 6675.2, comes equipped with a full port silicon bronze body, a 316 stainless steel ball, and zinc-nickel-coated steel connection ends. The ball valve is PxMPT and features an HNBR sealing element, a 420 SST grip ring, a 304 separator ring, and Viega's Smart Connect technology for easy identification of unpressed connections during pressure testing.

### Features

- 316 stainless steel ball
- Lockable metal handle
- Double stem seal
- Reinforced PTFE seats
- Smart Connect technology

### Ratings

- Temperature range: -40°F to 180°F
- Max. operating pressure: 125 psi for fuel gas applications, 250 psi for other approved applications (See Viega's [Application Chart](#))

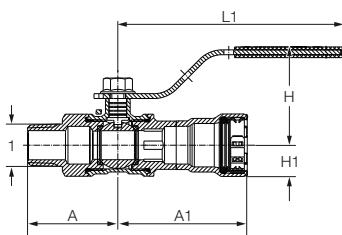
### Approvals

- Conforms to MSS SP-110
- ANSI LC 4/CSA 6.32
- ANSI LC 4a/CSA 6.32a
- ASME B31

### Recommended Tools

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.)
- #56013 MegaPress jaw/ring kit

| Component       | Material                 |
|-----------------|--------------------------|
| Body            | Bronze C87700            |
| Ball            | 316 stainless steel      |
| Seat            | Reinforced PTFE          |
| Stem seals      | FKM or HNBR              |
| Nut             | Zinc-plated steel        |
| Handle          | Zinc-plated steel        |
| Handle cover    | Polyvinyl                |
| Sealing element | HNBR                     |
| Connection ends | Zinc-nickel-coated steel |
| Grip ring       | 420 stainless steel      |
| Separator ring  | 304 stainless steel      |



| Part No. | Size (in) | A (in) | A1 (in) | L (in) | L1 (in) | H (in) | H1 (in) |
|----------|-----------|--------|---------|--------|---------|--------|---------|
| <b>1</b> |           |        |         |        |         |        |         |
| 30630    | 1/2       | 1.81   | 2.62    | 4.44   | 4.57    | 0.63   | 1.99    |
| 30635    | 3/4       | 1.87   | 2.80    | 4.64   | 4.57    | 0.77   | 2.10    |
| 30640    | 1         | 2.53   | 3.16    | 5.69   | 5.77    | 0.91   | 2.46    |
| 30645    | 1 1/4     | 2.56   | 3.78    | 6.33   | 5.77    | 1.14   | 2.69    |
| 30650    | 1 1/2     | 2.67   | 3.98    | 6.65   | 6.12    | 1.36   | 3.02    |
| 30655    | 2         | 2.92   | 4.35    | 7.28   | 6.12    | 1.65   | 3.31    |



## Viega MegaPressG Ball Valve, Model 6675.3

The MegaPressG ball valve, model 6675.3, comes equipped with a full port silicon bronze body, a 316 stainless steel ball, and zinc-nickel-coated steel press ends. The ball valve is PxGJ and features an HNBR sealing element, a 420 SST grip ring, a 304 separator ring, and Viega's Smart Connect technology for easy identification of unpressed connections during pressure testing.

### Features

- 316 stainless steel ball
- Lockable metal handle
- Double stem seal
- Reinforced PTFE seats
- Smart Connect technology

### Ratings

- Temperature range: -40°F to 180°F
- Max. operating pressure: 125 psi for fuel gas applications, 250 psi for other approved applications (See Viega's [Application Chart](#))

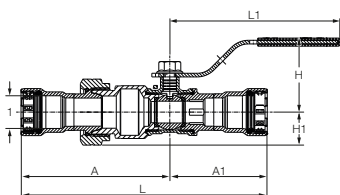
### Approvals

- Conforms to MSS SP-110
- ANSI LC 4/CSA 6.32
- ANSI LC 4a/CSA 6.32a
- ASME B31

### Recommended Tools

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.)
- #56013 MegaPress jaw/ring kit

| Component       | Material                 |
|-----------------|--------------------------|
| Body            | Bronze C87700            |
| Ball            | 316 stainless steel      |
| Seat            | Reinforced PTFE          |
| Stem seals      | FKM or HNBR              |
| Nut             | Zinc-plated steel        |
| Handle          | Zinc-plated steel        |
| Handle cover    | Polyvinyl                |
| Sealing element | HNBR                     |
| Connection ends | Zinc-nickel-coated steel |
| Grip ring       | 420 stainless steel      |
| Separator ring  | 304 stainless steel      |



| Part No. | Size (in) | A (in) | A1 (in) | L (in) | L1 (in) | H (in) | H1 (in) |
|----------|-----------|--------|---------|--------|---------|--------|---------|
| <b>1</b> |           |        |         |        |         |        |         |
| 30690    | 1/2       | 4.00   | 2.62    | 6.62   | 4.57    | 1.99   | 0.89    |
| 30695    | 3/4       | 4.19   | 2.80    | 6.99   | 4.57    | 2.10   | 1.08    |
| 30700    | 1         | 4.53   | 3.16    | 7.69   | 5.77    | 2.46   | 1.18    |
| 30705    | 1 1/4     | 5.65   | 3.78    | 9.43   | 5.77    | 2.69   | 1.50    |
| 30710    | 1 1/2     | 5.59   | 3.98    | 9.57   | 6.12    | 3.02   | 1.50    |
| 30715    | 2         | 6.53   | 4.35    | 10.88  | 6.12    | 3.31   | 1.65    |

## Viega MegaPress FKM Strainer Valve, Model 5981.1

Viega MegaPress FKM Strainer is a strainer valve with a stainless-steel body, stainless-steel mesh, and MegaPress press ends. The valve features FKM sealing elements, a 420 stainless steel grip ring, a 304 stainless separator ring, and Viega's Smart Connect Technology® for easy identification of unpressed connections during pressure testing.

### Features

- PTFE gasket
- FKM sealing element
- MegaPress connections
- Smart Connect technology

### Ratings

- Temperature range: 0°F to 250°F (with temperature spikes up to 284°F)
- Max. operating pressure: 250 psi

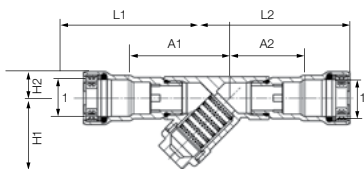
### Accessories

- Replacement 100 mesh – 5181.11

### Recommended Tools

- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.)
- #56013 MegaPress jaw/ring kit

| Component       | Material            |
|-----------------|---------------------|
| Body            | 316 stainless steel |
| Cap Gasket      | PTFE                |
| Mesh            | Stainless steel     |
| Cap             | 316 stainless steel |
| Screw-in piece  | Carbon steel        |
| Sealing element | FKM                 |



| Part No. | Size (in) | H1 (in) | H2 (in) | L1 (in) | L2 (in) | A1 (in) | A2 (in) | Cv (US gal/min) |
|----------|-----------|---------|---------|---------|---------|---------|---------|-----------------|
|          | 1         |         |         |         |         |         |         |                 |
| 87140    | ½         | 1.69    | 0.63    | 3.50    | 2.87    | 2.44    | 1.81    | 3.7             |
| 87145    | ¾         | 2.01    | 0.75    | 3.98    | 3.19    | 2.83    | 2.05    | 6.2             |
| 87150    | 1         | 2.52    | 0.91    | 4.72    | 3.50    | 3.39    | 2.17    | 8.3             |
| 87155    | 1¼        | 2.76    | 1.10    | 5.51    | 4.13    | 3.66    | 2.28    | 14.6            |
| 87160    | 1½        | 3.19    | 1.22    | 5.83    | 4.25    | 3.98    | 2.36    | 21.4            |
| 87165    | 2         | 3.54    | 1.46    | 6.61    | 4.57    | 4.61    | 2.60    | 33.4            |

## Viega MegaPress FKM Swing Check Valve, Model 5974.2

Viega MegaPress FKM Swing Check Valve has a brass body and MegaPress press ends. The valve features an FKM sealing elements, a 420 stainless steel grip ring, a 304 stainless separator ring, and Viega's Smart Connect® Technology for easy identification of unpressed connections during pressure testing.

### Features

- Swing-style check
- PTFE gasket
- FKM sealing element
- MegaPress connections
- Smart Connect technology

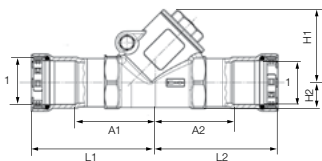
### Ratings

- Temperature range: 0°F to 250°F (with temperature spikes up to 284°F)
- Max. operating pressure: 250 psi

### Recommended Tools

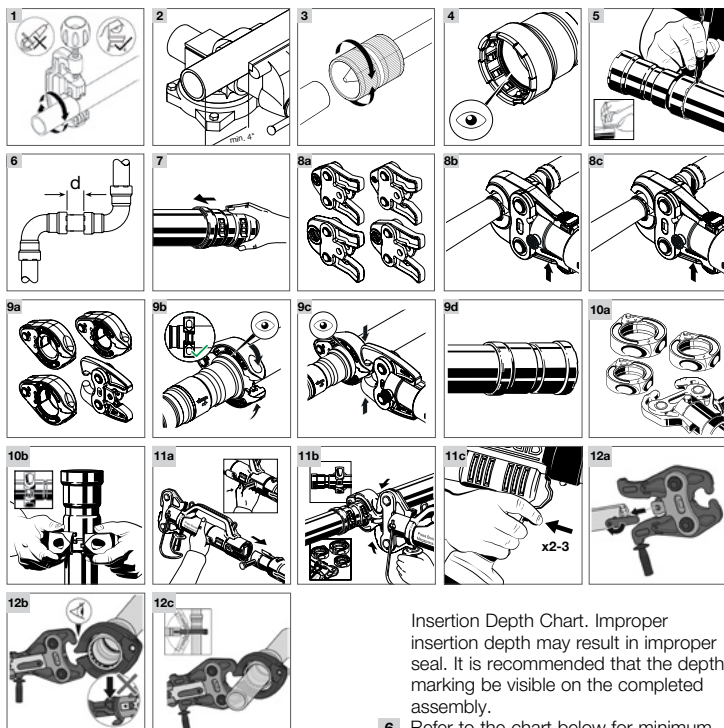
- Standard-size press tool (minimum hydraulic ram output of 7,200 lbs.)
- #56013 MegaPress jaw/ring kit

| Component       | Material            |
|-----------------|---------------------|
| Body            | Brass CB770S        |
| Cap             | Brass CW511L        |
| Hanger          | Brass CW511L        |
| Pin             | Brass CW509L        |
| Seat shutter    | PTFE                |
| Seat cap        | PTFE                |
| Nut             | 316 stainless steel |
| Screw-in piece  | Carbon steel        |
| Sealing element | FKM                 |



| Part No. | Size (in) | H1 (in) | H2 (in) | L1 (in) | L2 (in) | A1 (in) | A2 (in) | Cv (US gal/min) |
|----------|-----------|---------|---------|---------|---------|---------|---------|-----------------|
| <b>1</b> |           |         |         |         |         |         |         |                 |
| 87200    | ½         | 1.65    | 0.63    | 3.07    | 3.07    | 0.47    | 2.01    | 5.50            |
| 87205    | ¾         | 1.97    | 0.75    | 3.35    | 3.35    | 0.55    | 3.35    | 9.50            |
| 87210    | 1         | 2.28    | 0.91    | 3.86    | 3.86    | 0.75    | 2.48    | 16.80           |
| 87215    | 1¼        | 2.72    | 1.10    | 4.57    | 4.57    | 0.91    | 2.76    | 27.50           |
| 87220    | 1½        | 2.72    | 1.10    | 4.57    | 4.57    | 0.91    | 2.76    | 40.80           |
| 87225    | 2         | 3.86    | 1.34    | 5.28    | 5.28    | 1.30    | 3.31    | 76.30           |

## Viega MegaPress ½" to 4" Fittings



Insertion Depth Chart. Improper insertion depth may result in improper seal. It is recommended that the depth marking be visible on the completed assembly.

- 6** Refer to the chart below for minimum distance between fittings. To ensure a correct press, a minimum distance between press fittings must be maintained. Failure to provide this distance may result in an improper seal.

| Pipe diameter (in) | d (in) | d (mm) |
|--------------------|--------|--------|
| ½                  | ¼      | 6      |
| ¾                  | ¼      | 6      |
| 1                  | ¼      | 6      |
| 1¼                 | ½      | 13     |
| 1½                 | ½      | 13     |
| 2                  | ½      | 13     |
| 2½                 | ½      | 13     |
| 3                  | ½      | 13     |
| 4                  | ½      | 13     |

- 1 Cut pipe square using displacement-type cutter or fine-toothed saw.
- 2 Keep end of pipe a minimum of 4" away from the contact area of the vise to prevent possible damage to the pipe in the press area.
- 3 Remove burr from inside and outside of the pipe and prep to proper insertion depth using a preparation tool or fine-grit sandpaper.
- 4 Check seal, separator ring, and grip ring for correct fit. Do not use oils or lubricants.
- 5 Mark proper insertion depth as indicated by the Viega MegaPress

- 7** While turning slightly, slide fitting onto the pipe to the marked depth. End of pipe must contact stop.



Keep extremities and foreign objects away from press tool during pressing operation to prevent injury or incomplete press.

## Pressing ½" to 1" Fittings

- 8a** Viega MegaPress ½" to 1" fitting connections must be performed with MegaPress jaws and rings.
- 8b** Open the MegaPress jaw and place at right angles on the fitting. Visually check insertion depth using mark on pipe.
- 8c** Start pressing process and hold the trigger until the jaw has engaged the fitting. Jaws will automatically release after a full press is made. Remove the MegaPress jaw from the fitting.

## Pressing 1½" to 2" Fittings

- 9a** Viega MegaPress 1¼" to 2" fitting connections must be performed with MegaPress rings and V2 actuator.
- 9b** Open the MegaPress ring and place at right angles on the fitting. The MegaPress ring must be engaged on the fitting bead. Check insertion depth.
- 9c** Place V2 actuator onto the MegaPress ring and start pressing process. Hold the trigger until the actuator has engaged the MegaPress ring.
- 9d** Once the press is complete, release the V2 actuator from the MegaPress ring and then remove the MegaPress ring from the fitting.

## Pressing 2½" to 4" Fittings

- 10a** Viega MegaPress 2½" to 4" fitting connections must be made using MegaPress XL rings and either the MegaPress XL PressBooster or the MegaPress Z3 actuator.
- 10b** Open MegaPress XL ring and place at right angles on the fitting. The MegaPress XL ring must be engaged on the fitting bead. Check insertion depth.

## Pressing with MegaPress XL PressBooster

- 9** Remove the retaining bolt of the press machine. Slide the PressBooster in via the press jaw fixture. Slide the retaining bolt of the press machine in as far as it will go.
- 10** To open the PressBooster jaw, pull back the handle at the hinged adapter jaw. Place PressBooster onto the MegaPress XL ring by inserting the ball heads of the hinged adapter jaw into the contact points of the XL ring. Push the handle forward to close the hinged adapter jaw.
- 11** Hold the trigger until the actuator has engaged the MegaPress XL ring. The PressBooster requires two presses of the trigger to execute a complete press. A third press may be needed to initiate a release cycle to reset the rollers back to the original position.

## Pressing with MegaPress Z3 Actuator

- 12** On the press tool, rotate the retaining pin handle 180 degrees and pull it out to open the slot for the actuator. Insert the Viega Z3 actuator into the slot on the press tool. On the press tool, push the retaining pin back in and rotate it 180 degrees.
- 13** Open the Viega Z3 actuator by pulling the handle back. Place the open Viega Z3 actuator onto the MegaPress XL ring by inserting the ball heads of the actuator into the contact points of the XL ring. Close the Z3 actuator.
- 14** Start the pressing process by holding the press tool trigger until the actuator has engaged the XL ring. When the press cycle is complete, the actuator will stop and release.

## Approved Applications

| Media <sup>1</sup>                  | System Operating Conditions  |                      |                        | Product Line, Material, and Sealing Element <sup>2</sup> |                |                |
|-------------------------------------|--|----------------------|------------------------|--|----------------|----------------|
|                                     |  |                      |                        | MegaPress  | MegaPressG     |                |
|                                     |  |                      |                        | Carbon Steel   |                |                |
|                                     | Comments   | Max. Pressure (psig) | Temperature Range (°F) | EPDM   | FKM            | HNBR           |
| <b>Water/Liquids</b>                |  |                      |                        |  |                |                |
| Chilled water                       | ≤50% ethylene/propylene glycol   | 200                  | See note <sup>3</sup>  | ✓  | ✓              |                |
| Hydronic heating water <sup>9</sup> | ≤50% ethylene/propylene glycol   |                      |                        | ✓  | ✓              |                |
| Isopropyl alcohol                   |  |                      |                        | ✓  | ✓              |                |
| Fire sprinkler                      | NFPA 13, 13D, 13R  | 175                  | Ambient <sup>5</sup>   | ✓  | ✓              |                |
| Steam                               | Low pressure   | 15                   | Max. 250°              |  | ✓ <sup>4</sup> |                |
|                                     | Residential  | 5                    | Max. 227°              | ✓ <sup>4</sup>   | ✓ <sup>4</sup> |                |
| <b>Gases</b>                        |  |                      |                        |  |                |                |
| Compressed air                      | Oil concentration ≤25 mg/m <sup>3</sup>                                      | 200                  | Max. 140°              | ✓ <sup>4</sup>   | ✓ <sup>4</sup> | ✓ <sup>4</sup> |
|                                     | Oil concentration >25 mg/m <sup>3</sup>                                      |                      |                        |  | ✓ <sup>4</sup> | ✓ <sup>4</sup> |
| Nitrogen (N <sub>2</sub> )          |  |                      |                        | ✓  | ✓              | ✓              |
| Carbon dioxide (CO <sub>2</sub> )   | Dry  |                      |                        | ✓  | ✓              | ✓              |
| Argon (Ar)                          |  |                      |                        | ✓  | ✓              | ✓              |
| Ammonia                             | Ammonia environment <sup>7</sup>   |                      | Max. 120°              | ✓  | ✓              | ✓              |
| Oxygen (O <sub>2</sub> )            | Non-medical<br>Keep free of oil and grease                                   | 140                  | Max. 140°              | ✓  |                |                |
| Hydrogen (H <sub>2</sub> )          |  | 125                  |                        | ✓  | ✓              | ✓              |
| Acetylene                           | Test pressure 350 psi  | 20                   | Ambient <sup>5</sup>   | ✓  | ✓              | ✓              |
| Vacuum                              | Minimum absolute pressure 750µm Hg<br>Maximum differential pressure 29.2" Hg |                      | Max. 160°              | ✓  | ✓              | ✓              |

<sup>1</sup> It is recommended that all systems be clearly labeled with the media being conveyed. For further information please consult Viega Technical Services 866-838-8714.

<sup>2</sup> All Viega systems must be used with the manufacturer's recommended sealing element. Contact your local Viega representative or Viega Technical Services for specific application temperature, pressure, and concentration limits.

<sup>3</sup> Standard temperature ranges for each material are listed here but are limited to application specific ranges in the table.

<sup>3a</sup> EPDM temperature ranges are typically 0°F to 250°F.

<sup>3b</sup> FKM temperature ranges are typically 14°F to 284°F with temperature spikes (24hr) up to 356°F.

<sup>3c</sup> HNBR temperature ranges are typically -40°F to 180°F.

<sup>4</sup> System must contain adequate condensate drainage.

<sup>5</sup> Ambient temperatures should be taken as normal operating conditions for the applications not to exceed sealing element limitations.

<sup>6</sup> Compliant with CSA 6.32 / ANSI LC-4.

<sup>7</sup> HNBR sealing elements are not recommended for silicone based oils.

<sup>8</sup> MegaPressG fittings with HNBR sealing elements are compliant with standard UL 180 for combustible liquid applications.



### Caution!

MegaPressG fittings are for use with fuel gases and are intended for operating pressures of 0-125 psi.



### Caution!

MegaPressG fuel gas system must not be used as a grounding electrode for an electrical system.

| Media <sup>1</sup>           | System Operating Conditions |                      |                        | Product Line, Material, and Sealing Element <sup>2</sup> |     |                  |
|------------------------------|-----------------------------|----------------------|------------------------|--|-----|------------------|
|                              |                             |                      |                        | MegaPress MegaPressG                                     |     |                  |
|                              |                             |                      |                        | Carbon Steel   |     |                  |
|                              | Comments                    | Max. Pressure (psig) | Temperature Range (°F) | EPDM   | FKM | HNBR             |
| <b>Fuels/Oils/Lubricants</b> |                             |                      |                        |  |     |                  |
| Mineral oil                  |                             | 200                  | Ambient <sup>5</sup>   |  | ✓   | ✓                |
| Lube oil                     | Petroleum based             |                      |                        |  | ✓   | ✓                |
| Biodiesel                    | ASTM D6751                  | 140                  | Max. 150°              |  | ✓   |                  |
| Propane                      |                             |                      |                        |  |     | ✓ <sup>6</sup>   |
| Butane                       |                             |                      |                        |  |     | ✓ <sup>6</sup>   |
| Natural gas                  | Primarily methane           |                      | -40° to 180            |  |     | ✓ <sup>6</sup>   |
| Heating fuel oil             |                             |                      |                        |  | ✓   | ✓ <sup>8</sup>   |
| Diesel fuel                  |                             |                      | Max. 100°              |  | ✓   | ✓ <sup>8</sup>   |
| Kerosene                     |                             |                      | Max. 68°               |  | ✓   |                  |
| Gear oil                     | Lubricant                   | 125                  |                        |  | ✓   | ✓                |
| Automatic transmission fluid |                             |                      |                        |  | ✓   | ✓                |
| Hydraulic oil                |                             |                      |                        |  | ✓   | ✓ <sup>7</sup>   |
| Engine oil                   |                             |                      | See note <sup>3</sup>  |  | ✓   | ✓ <sup>7,8</sup> |
| Engine coolant               |                             |                      |                        | ✓  | ✓   |                  |
| Waste oil                    |                             |                      |                        |  | ✓   | ✓ <sup>7,8</sup> |

<sup>1</sup> It is recommended that all systems be clearly labeled with the media being conveyed. For further information please consult Viega Technical Services 866-838-8714.

<sup>2</sup> All Viega systems must be used with the manufacturer's recommended sealing element. Contact your local Viega representative or Viega Technical Services for specific application temperature, pressure, and concentration limits.

<sup>3</sup> Standard temperature ranges for each material are listed here but are limited to application specific ranges in the table.

<sup>3a</sup> EPDM temperature ranges are typically 0°F to 250°F.

<sup>3b</sup> FKM temperature ranges are typically 14°F to 284°F with temperature spikes (24hr) up to 356°F.

<sup>3c</sup> HNBR temperature ranges are typically -40°F to 180°F.

<sup>4</sup> System must contain adequate condensate drainage.

<sup>5</sup> Ambient temperatures should be taken as normal operating conditions for the applications not to exceed sealing element limitations.

<sup>6</sup> Compliant with CSA 6.32 / ANSI LC-4.

<sup>7</sup> HNBR sealing elements are not recommended for silicone based oils.

<sup>8</sup> MegaPressG fittings with HNBR sealing elements are compliant with standard UL 180 for combustible liquid applications.



The installation, inspection, testing, and purging of the fuel gas system must be in accordance with local codes or, in the absence of local codes, in accordance with the International Fuel Gas Code, NFPA 54/National Fuel Gas Code z223.1, the Uniform Plumbing Code, NFPA 58, or CSA B 149.1 as applicable.



The use of the system for applications other than those listed or outside of these parameters must be approved by the Viega Technical Support ([techsupport@viega.us](mailto:techsupport@viega.us)).

## Sealing Element Description

### EPDM Sealing Element

MegaPress press fittings are manufactured with an EPDM sealing element installed at the factory. The EPDM sealing element is used mainly for hydronic heating, fire sprinkler, and compressed-air installations.

**Definition:** EPDM – ethylene propylene diene monomer

**Sealing element color:** Gloss black

**Smart Connect dot color on fitting:** Green

**Operating temperature:** 0°F to 250°F

The EPDM sealing element is a synthetically manufactured and peroxidically cross-linked, general-purpose elastomer with a wide range of applications. It is resistant to aging, ozone, sunlight, weathering, environmental influences, chemicals, and most alkaline solutions.

The EPDM sealing element is used mainly in the applications of hydronic heating, chilled water, and fire sprinkler installations. It is not resistant to hydrocarbon solvent solutions, oils, chlorinated hydrocarbons, turpentine, or gasoline.

### FKM Sealing Element

MegaPress FKM press fittings are manufactured with an FKM sealing element installed at the factory. FKM is well known for its excellent resistance to petroleum products and solvents as well as for its exceptional high-temperature performance, which makes it ideal for seals and gaskets in solar, district heating, low-pressure steam, and compressed-air systems.

**Definition:** FKM – fluoroelastomer

**Sealing element color:** Dull black

**Smart Connect dot color on fitting:** White

The FKM sealing element is a special-purpose elastomer typically installed where higher temperatures are required. It possesses excellent resistance to aging, ozone, sunlight, weathering, environmental influences, and oils and petroleum-based additives.

### HNBR Sealing Element

MegaPressG press fittings are manufactured with an HNBR sealing element installed at the factory. The HNBR sealing element is used mainly for natural gas, propane, and mixed and manufactured gases in the vapor state. It is commonly used in fuel oil heating systems.

**Definition:** HNBR – hydrogenated nitrile butadiene rubber,

**Sealing element color:** Yellow

**Smart Connect dot color on fitting:** Yellow

**Operating temperature:** -40°F to 180°F

HNBR is widely known for its physical strength and retention of its properties after long-term exposure to heat, oil, and chemicals.

The unique properties of the HNBR sealing element have resulted in its wide adoption for automotive, industrial, and assorted performance-demanding applications (e.g., engine seals, grommets, and gaskets; fuel system seals and hoses; transmission system bonded piston seals; chevron seals, oil field packers, and rotary shaft seals).

The HNBR sealing element is not suitable for food contact applications and cannot be installed in drinking water applications.



## Viega MegaPress Pipe Marking Guide

Viega MegaPress ½" to 4" fittings are compatible with ASTM A53, A135, A106, and A795 carbon steel and galvanized steel pipe. All Viega MegaPress piping systems should be continuously marked in accordance with ANSI A13.1 or as required by the local authority having jurisdiction.

| Usage                         | Material properties   | Type of application (typical)   | Color scheme           |
|-------------------------------|---|---|------------------------|
| Hazardous materials           | <ul style="list-style-type: none"> <li>Flammable or explosive</li> <li>Chemically active or toxic</li> <li>Radioactive</li> <li>Extreme temperature/pressure</li> </ul> | <ul style="list-style-type: none"> <li>Process piping</li> <li>High-pressure steam</li> <li>Acids/corrosives</li> </ul> | <b>YELLOW ON BLACK</b> |
| Low-hazard materials (liquid) | <ul style="list-style-type: none"> <li>Liquid</li> <li>Liquid admixture</li> </ul>  | <ul style="list-style-type: none"> <li>Cooling water</li> <li>Greywater</li> <li>Chilled water</li> </ul>               | <b>WHITE ON GREEN</b>  |
| Low-hazard materials (gas)    | <ul style="list-style-type: none"> <li>Gas</li> <li>Gas admixture</li> </ul>  | <ul style="list-style-type: none"> <li>Compression air</li> <li>Nitrogen (N<sub>2</sub>)</li> <li>Argon (Ar)</li> </ul> | <b>WHITE ON BLUE</b>   |
| Fire suppression              | <ul style="list-style-type: none"> <li>Liquid</li> <li>Gas</li> <li>Foam</li> </ul>   | <ul style="list-style-type: none"> <li>Sprinklers (wet/dry)</li> <li>CO<sub>2</sub></li> <li>Foam (AFFF)</li> </ul>     | <b>WHITE ON RED</b>    |

### Marker Placement

- At all changes in direction
- At both sides of any penetrations (valves, flanges, tees, etc.)
- At frequent intervals on straight run (50 feet is typical)
- Locate pipe markers so they are readily visible
- Provide arrows indicating direction of flow

| Pipe O.D. including covering |        | Minimum length of label field color |      | Minimum height of letters |      |
|------------------------------|--------|-------------------------------------|------|---------------------------|------|
| (in)                         | (mm)   | (in)                                | (mm) | (in)                      | (mm) |
| ¾-1¼                         | 19-32  | 8                                   | 203  | ½                         | 13   |
| 1½-2                         | 38-51  | 8                                   | 203  | ¾                         | 19   |
| 2½-4                         | 64-102 | 12                                  | 305  | 1¼                        | 32   |



This guide is for general information purposes only. Pipe markings must be in accordance with local code requirements.

## No-Stop Couplings

No-stop couplings and extended no-stop couplings are often used to conduct repairs. Without a stop, these couplings can slide completely onto a pipe and allow a connection to be made in tighter spaces. Unlike fittings with an integrated stop that have a minimum insertion depth, no-stop couplings have minimum and maximum allowable insertion depths. The minimum and the maximum insertion depths should be marked and a line should connect the two marks.



**Viega MegaPress No-stop Couplings**

| Pipe diameter<br>(in) | Minimum insertion<br>(in) | (mm) | Maximum insertion<br>(in) | (mm) |
|-----------------------|---------------------------|------|---------------------------|------|
| 1/2                   | 1 1/16                    | 27   | 1 5/8                     | 41   |
| 3/4                   | 1 3/16                    | 30   | 1 13/16                   | 46   |
| 1                     | 1 3/8                     | 35   | 1 15/16                   | 49   |
| 1 1/4                 | 1 13/16                   | 46   | 2 1/2                     | 64   |
| 1 1/2                 | 1 7/8                     | 48   | 2 3/4                     | 70   |
| 2                     | 2                         | 51   | 2 3/4                     | 70   |
| 2 1/2                 | 1 13/16                   | 46   | 3 1/8                     | 79   |
| 3                     | 2 5/16                    | 59   | 3 11/16                   | 94   |
| 4                     | 3 3/8                     | 80   | 4 3/8                     | 111  |

**Viega MegaPress  
Extended No-stop Couplings**

| Pipe Diameter<br>(in) | Minimum Insertion<br>(in) | (mm) | Maximum Insertion<br>(in) | (mm) |
|-----------------------|---------------------------|------|---------------------------|------|
| 1/2                   | 1 1/16                    | 27   | 2 3/4                     | 70   |
| 3/4                   | 1 3/16                    | 30   | 2                         | 71   |
| 1                     | 1 3/8                     | 35   | 3                         | 76   |
| 1 1/4                 | 1 13/16                   | 46   | 3 1/2                     | 89   |
| 1 1/2                 | 1 7/8                     | 48   | 3                         | 90   |
| 2                     | 2                         | 51   | 3                         | 94   |

## Welding

The following requirements must be considered when welding in the same vicinity as Viega MegaPress fittings.

### Welding Requirements

The installer should take precautions to keep the MegaPress connection cool:

- Wrap the connection with a cold, wet rag.
- Protect the connection with a weld blanket.
- Prefabricate solder connections/welded fittings prior to installing the press fitting. (Ensure pipe has cooled before installing the press fitting.)
- Apply heat sink gel or spray or spot freezing.

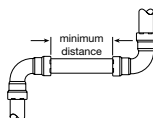
### Welding Adjacent to a Press Fitting

To prevent damage to the sealing element, maintain proper welding distances from the fitting. If welding adjacent to the connection, weld a minimum of four inches away.

### Welding in Line With a Press Fitting

To prevent damage to the sealing element, maintain proper welding distances from the fitting. If welding in line with the connection, weld a minimum of three feet away from the connection.

### Minimum Distance Between MegaPress Connections



**Viega MegaPress – Minimum  
Distance Between Connections**

| Pipe Diameter<br>(in) | Minimum Distance<br>(in) | (mm) |
|-----------------------|--------------------------|------|
| 1/2                   | 1/4                      | 7    |
| 3/4                   | 1/4                      | 7    |
| 1                     | 1/4                      | 7    |
| 1 1/4                 | 1/2                      | 13   |
| 1 1/2                 | 1/2                      | 13   |
| 2                     | 1/2                      | 13   |
| 2 1/2                 | 1/2                      | 13   |
| 3                     | 1/2                      | 13   |
| 4                     | 1/2                      | 13   |

## General Installation Notes

### Expansion

Thermal expansion in installed systems generates stress on pipes and appliance connectors. Compensation must be allowed for expansion and contraction that may occur within the piping system. Expansion joints or mechanical expansion compensators may be used to alleviate these stresses.

### Electrical Bonding

When properly installed, MegaPress fittings comply with Section 1211.15 Electrical Bonding and Grounding of the Uniform Plumbing Code. The mechanical press provides continuous metal-to-metal contact between fitting and pipe. The press ensures the continuity of the bonding through this contact.



#### **Caution!** **Potential Explosive Hazard – MegaPressG**

The fuel gas system must not be used as a grounding electrode for an electrical system.



#### **DANGER!** **Electric Shock**

An electric shock can cause burns, serious injury, and even death.

- Because all metallic piping can conduct electricity, unintentional contact with a live wire can cause the entire system and components connected to it to become energized. Metal piping is not meant to conduct electricity.
- A properly bonded system creates a safe path for electricity to travel so that the system can't be energized.
- An unbonded or improperly bonded system can be a shock hazard.
- Always ensure that bonding is in accordance with local codes.

FKM sealing element available with Viega MegaPress FKM fittings can be installed in ambient temperatures down to 14°F. The HNBR sealing element available with Viega MegaPressG fittings can be installed in ambient temperatures down to -40°F. When the contents could freeze, piping must be protected per acceptable engineering practices, codes, and as required by local code.

### Underground Installations

Viega MegaPress fitting systems and carbon steel pipe are approved for underground installations. However, installations must meet all state and local codes, including those for underground. Proper authorization must be obtained from the Authority Having Jurisdiction prior to installation.

### Concealed Spaces

The Viega MegaPress fitting system has been approved for use in concealed spaces. Viega MegaPressG has been examined according to the construction and performance criteria in the ANSI LC-4/CSA 6.32 requirement and was found acceptable. Specific performance tests were conducted to evaluate the fittings for use in concealed locations.

### Corrosion Protection

Viega MegaPress fittings exposed to corrosive action, such as soil conditions or moisture, must be protected in an approved manner in accordance with NFPA 54 Section 404.8, NACE Standard RP0169-2002 Section 5, 2009 UPC Chapter 6 Section 609.3.1, 2009 UMC Chapter 13 Section 1312.1.3, and in a manner satisfactory to local code requirements. Care should be taken to select hangers of suitable material that is galvanically compatible with the piping system. In addition, systems should be properly sized to minimize the risk of erosion corrosion resulting from excessive velocities.

### Exposure to Freezing Temperatures

Viega MegaPress systems with EPDM sealing elements can be installed in ambient temperatures down to 0°F. The

## Pressure Surges

- Pressure surges or transients from fast-acting valves, pump surges, and other sources that result in water hammer may cause damage to many system components, including press fittings.
- When fast-acting valves and/or pumps are incorporated into a system, the designer and installer should isolate press fittings from sharp pressure surges.

## Transition Fittings – Threaded

Viega MegaPress systems can be joined with off-the-shelf threaded fittings made of non-ferrous metals. In this regard:

- The threaded connection is made first.
  - The press connection is made second.
- This process avoids unnecessary torsion on the press fitting.

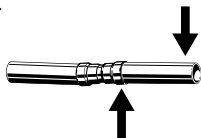
## Transition Fittings – Flange

When using Viega flanges, bolt the flange end in place prior to pressing the fitting to the pipe.

## Deflection

The pressing process can cause deflection (angular misalignment) to occur. When pressing Viega MegaPress fittings in a system, the deformation of the fitting is constant. This allows for a consistent leak-free joint every time and is a result of the pressing technique.

Deflection occurs in the same way for every fitting. The fitting being pressed will move in the direction of the jaw or ring opening.



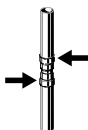
- Since the fitting will deflect toward the opening of the jaw or ring, the pipe end will deflect in the opposite direction.
- By counteracting the fitting movement, one can minimize the deflection of the

fitting and ultimately the pipe.

- When using strut and clamps, deflection is minimized and nearly eliminated, depending on clamp spacing.

## Controlling Deflection

Deflection while pressing can be minimized by utilizing the following installation practices.



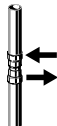
### Alternate Press Directions

- Press one end of fitting.
- Make second press on other end of fitting from the opposite side.

### Push-pull Method

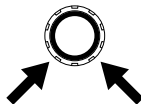
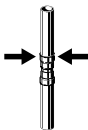
- Rings = Push on press tool.
- Jaws = Pull on press tool.

The press tool can be feathered using the trigger as needed to apply pulling or pushing force to control deflection.







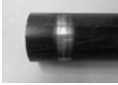




### Re-press

- Press the fitting, once on each side. (That is, re-press the fitting a second time on the opposite side).
- Pressing the same connection from the opposite side will usually straighten misalignment between the pipe and fitting.



- When pressing overhead piping, it may be inconvenient to alternate sides for each press.
- The natural weight of the piping plus pressing on opposite sides at a 45-degree angle should adequately eliminate deflection.
- This technique can also be used for any horizontal piping and when working above the piping.

## Viega MegaPress Pipe Preparation Guide

| Description                        | Different pipe surface types  | Surface after prepping  | Comments  |
|------------------------------------|---|---|---|
| Clean, bare pipe                   |    |   | If the pipe has no lacquer, there is no rust on the surface, and the surface is smooth, then no prep is necessary.  |
| Galvanized steel pipe              |    |  | If the surface of the galvanized pipe is uneven, then the pipe surface must be smoothed.  |
| Pipe with black shellac or lacquer |    |  | If the pipe is coated with black shellac or lacquer, the coating must be smoothed. It is not necessary to completely remove the coating.  |
| Pipe with rust                     |    |  | If the pipe has no lacquer and there is a rust film on the surface, then the surface must be prepped until the rust film is removed and the pipe surface is smooth.                                   |
| Epoxy coating                      |    |   | The epoxy coating must be reduced to allow the pipe to be inserted into the fitting. If the pipe has been coated, the maximum external diameter must not exceed the limit in the Pipe Schedule table. |
| Cataphoretic paint (KTL)           |  |   | If the pipe is cataphoretic painted (KTL) and the surface is smooth, it is not necessary to prep the pipe. If there are scratches on the KTL, the surface must be smoothed.                           |

Pipe surfaces for each type of pipe must be smooth, free of indentations (even and undamaged), pits, and deformations, and must be clean and free of dirt, debris, rust, scale, oil, and grease. It is not necessary to completely remove protective coatings or to expose the bare steel material.

Install MegaPress fittings on plain end pipe only. Pressing fittings directly over threads will result in an improper seal.

To avoid leak paths, engraved or stamped pipe must not be used with the Viega MegaPress fitting system. Engraving or stamping must not be removed through use of a grinder or other tool. Scratches or scuffs that may have occurred to the pipe during shipping and handling must be smoothed out to insure no leak path was created.

In systems where complete corrosion protection is required (e.g., cooling systems), apply suitable corrosion protection to the previously processed pipe surfaces that are still uncovered after pressing.

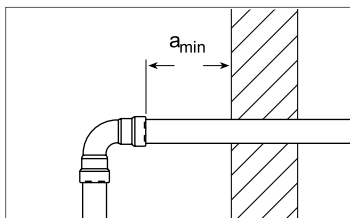
The Viega MegaPress system does not require lubrication of the pipe or the fitting.

## Tool Clearances

Minimum distances should be taken into consideration during planning in order to avoid space constraints during installation.

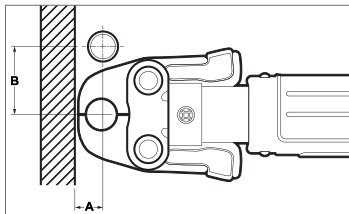
Ensure that the space required for pressing tools is available if Viega MegaPress fittings will be installed immediately upstream or downstream from wall or floor penetrations.

### MegaPress Distance Requirements for Press Jaws Between Pipes and Walls



| Minimum space requirement<br>( $a_{min}$ )<br>for RIDGID RP 330-B, 330-C,<br>and 340-B press tools |        |
|--|--------|
| Pipe diameter  |        |
| 1/2"-1"  | 1 7/8" |
| 1 1/4"-2"  | 3/4"   |
| 2 1/2"-4"  | 3/4"   |

### MegaPress Standard Jaws Clearance

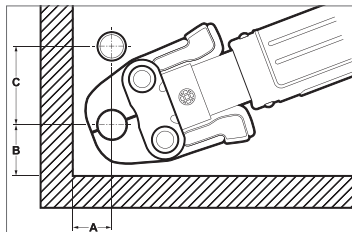


| Pipe diameter | A minimum | B minimum |
|---------------|-----------|-----------|
| 1/2"          | 1         | 2 5/8"    |
| 3/4"          | 1 1/4"    | 3 1/8"    |
| 1"            | 1 3/4"    | 3 5/8"    |

### MegaPress Compact Jaws Clearance

| Pipe diameter | A minimum | B minimum |
|---------------|-----------|-----------|
| 1/2"          | 1 1/4"    | 2 7/8"    |
| 3/4"          | 1 1/8"    | 3"        |

## MegaPress Standard Jaws Clearance Between Pipe, Wall, and Floor

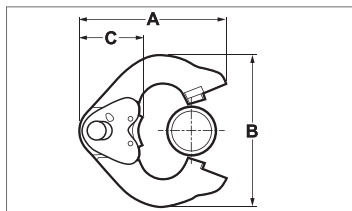


| Pipe diameter | A minimum | B minimum | C minimum |
|---------------|-----------|-----------|-----------|
| 1/2"          | 1 1/4"    | 1 1/8"    | 3"        |
| 3/4"          | 1 1/2"    | 2 1/8"    | 3 1/2"    |
| 1"            | 2"        | 2 1/2"    | 4"        |

## MegaPress Compact Jaws Clearance Between Pipe, Wall, and Floor

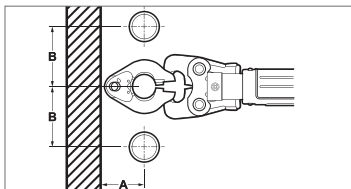
| Pipe diameter | A minimum | B minimum | C minimum |
|---------------|-----------|-----------|-----------|
| 1/2"          | 1 1/2"    | 2 1/8"    | 3 1/8"    |
| 3/4"          | 1 3/8"    | 2 1/8"    | 3 3/8"    |

## MegaPress Rings Dimensions



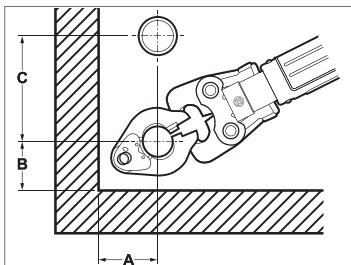
| Pipe diameter | A minimum | B minimum | C minimum |
|---------------|-----------|-----------|-----------|
| 1 1/4"        | 6"        | 6 1/4"    | 2 1/2"    |
| 1 1/2"        | 6"        | 6 3/4"    | 2 5/8"    |
| 2"            | 6"        | 6 3/8"    | 2 1/2"    |
| 2 1/2"        | 6 3/8"    | 7 5/8"    | 2 1/2"    |
| 3"            | 7 1/2"    | 8 7/8"    | 2 1/2"    |
| 4"            | 8 1/2"    | 10 3/8"   | 2 5/8"    |

## MegaPress Rings with V2/V3 Actuator Clearance



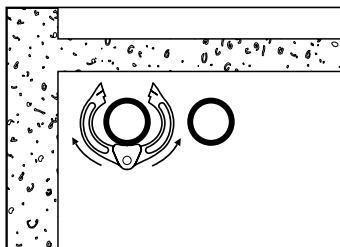
| Pipe diameter | A minimum | B minimum |
|---------------|-----------|-----------|
| 1 1/4"        | 3 3/4"    | 4 7/8"    |
| 1 1/2"        | 4"        | 5 1/8"    |
| 2"            | 4"        | 5 3/8"    |
| 2 1/2"        | 4 1/2"    | 5 3/8"    |
| 3"            | 4 3/4"    | 6 3/4"    |
| 4"            | 5 3/8"    | 8 1/4"    |

## MegaPress Rings with V2/V3 Actuator Clearance Between Pipe, Wall, and Floor

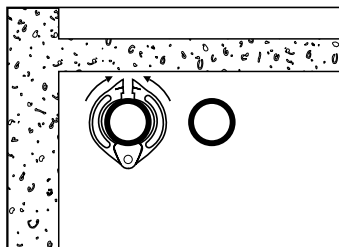


| Pipe diameter | A minimum | B minimum | C minimum |
|---------------|-----------|-----------|-----------|
| 1 1/4"        | 3 3/4"    | 3 3/4"    | 4 7/8"    |
| 1 1/2"        | 4"        | 4"        | 5 1/8"    |
| 2"            | 4"        | 4"        | 5 3/8"    |
| 2 1/2"        | 4 1/2"    | 4"        | 5 3/8"    |
| 3"            | 4 3/4"    | 4 3/4"    | 6 3/4"    |
| 4"            | 5 3/8"    | 5 1/2"    | 8 1/4"    |

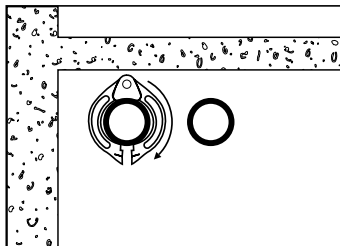
## Pressing With Ring and Actuator in Tight Quarters



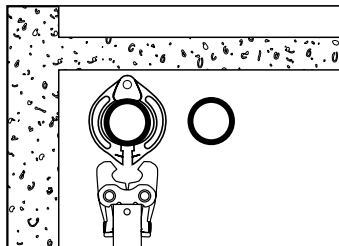
1. Wrap the actuator ring around the press fitting with the opening facing away from you.



2. Close the actuator tight around the fitting.



3. Rotate the actuator ring until the press jaw receptacle is facing toward you.



4. Properly insert press jaws and begin the press procedure.

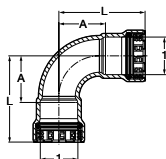


## Dimensional Documentation

### MegaPress Fittings

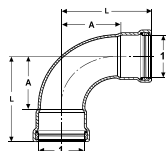


## MegaPress 90° Elbow, Carbon Steel, P x P - Models 4816 / 5916 / 6616



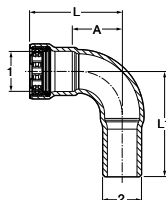
| Part No. |       |       | Size (in) |      | A (in)  |      | L (in)  |  |
|----------|-------|-------|-----------|------|---------|------|---------|--|
| EPDM     | FKM   | HNBR  | 1         | Dec  | Frac    | Dec  | Frac    |  |
| 25200    | 84305 | 25201 | 1/2       | 1.17 | 1 1/16  | 2.24 | 2 1/4   |  |
| 25205    | 84310 | 25206 | 3/4       | 1.36 | 1 3/8   | 2.52 | 2 1/2   |  |
| 25210    | 84315 | 25211 | 1         | 1.72 | 1 3/4   | 3.07 | 3 1/16  |  |
| 25215    | 84320 | 25216 | 1 1/4     | 2.00 | 2       | 3.82 | 3 13/16 |  |
| 25220    | 84325 | 25221 | 1 1/2     | 2.26 | 2 1/4   | 4.13 | 4 1/8   |  |
| 25225    | 84330 | 25226 | 2         | 2.80 | 2 13/16 | 4.78 | 4 3/4   |  |

## Viega MegaPress 90° Elbow, P x P - Models 4816XL / 6616XL



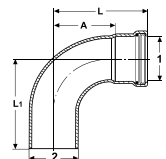
| Part No. |       | Size (in) |      | A (in) |      | L (in)  |  |
|----------|-------|-----------|------|--------|------|---------|--|
| FKM      | HNBR  | 1         | Dec  | Frac   | Dec  | Frac    |  |
| 26500    | 28600 | 2 1/2     | 4.15 | 4 1/8  | 5.94 | 5 15/16 |  |
| 26505    | 28605 | 3         | 4.76 | 4 3/4  | 7.09 | 7 1/16  |  |
| 26510    | 28610 | 4         | 6.00 | 6      | 9.17 | 9 3/16  |  |

## MegaPress 90° Elbow, Carbon Steel, P x FTG - Models 4816.1 / 5916.1 / 6616.1



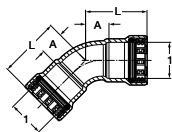
| Part No. |       |       | Size (in)     |   | A (in) |         | L (in) |         | L1 (in) |        |
|----------|-------|-------|---------------|---|--------|---------|--------|---------|---------|--------|
| EPDM     | FKM   | HNBR  | 1             | 2 | Dec    | Frac    | Dec    | Frac    | Dec     | Frac   |
| 26050    | 84875 | 26051 | 1/2 x 1/2     |   | 1.17   | 1 1/16  | 2.24   | 2 1/4   | 2.56    | 2 9/16 |
| 26055    | 84880 | 26056 | 3/4 x 3/4     |   | 1.36   | 1 3/8   | 2.52   | 2 1/2   | 2.87    | 2 7/8  |
| 26060    | 84885 | 26061 | 1 x 1         |   | 1.72   | 1 3/4   | 3.07   | 3 1/16  | 3.39    | 3 3/8  |
| 26065    | 84890 | 26066 | 1 1/4 x 1 1/4 |   | 2.00   | 2       | 3.82   | 3 13/16 | 4.04    | 4 1/16 |
| 26070    | 84895 | 26071 | 1 1/2 x 1 1/2 |   | 2.26   | 2 1/4   | 4.13   | 4 1/8   | 4.21    | 4 3/16 |
| 26075    | 84900 | 26076 | 2 x 2         |   | 2.80   | 2 13/16 | 4.78   | 4 3/4   | 5.08    | 5 1/16 |

## Viega MegaPress 90° Street Elbow, P x FTG - Models 4816.1XL / 6616.1XL



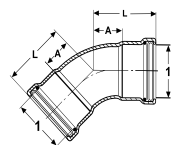
| Part No. |       | Size (in)     |   | A (in) |       | L (in) |         | L1 (in) |         |
|----------|-------|---------------|---|--------|-------|--------|---------|---------|---------|
| FKM      | HNBR  | 1             | 2 | Dec    | Frac  | Dec    | Frac    | Dec     | Frac    |
| 26515    | 28615 | 2 1/2 x 2 1/2 |   | 4.15   | 4 1/8 | 5.94   | 5 15/16 | 6.06    | 6 1/16  |
| 26520    | 28620 | 3 x 3         |   | 4.76   | 4 3/4 | 7.09   | 7 1/16  | 6.81    | 6 13/16 |
| 26525    | 28625 | 4 x 4         |   | 6.00   | 6     | 9.17   | 9 3/16  | 8.78    | 8 3/4   |

## MegaPress 45° Elbow, Carbon Steel, P x P - Models 4826 / 5926 / 6626



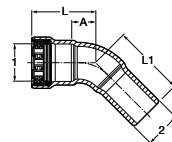
| Part No. |       |       | Size (in) |      | A (in) |      | L (in)  |  |
|----------|-------|-------|-----------|------|--------|------|---------|--|
| EPDM     | FKM   | HNBR  | 1         | Dec  | Frac   | Dec  | Frac    |  |
| 25230    | 84335 | 25231 | 1/2       | 0.60 | 5/8    | 1.67 | 1 1/16  |  |
| 25235    | 84340 | 25236 | 3/4       | 0.71 | 1 1/16 | 1.87 | 1 7/8   |  |
| 25240    | 84345 | 25241 | 1         | 0.86 | 7/8    | 2.20 | 2 3/16  |  |
| 25245    | 84350 | 25246 | 1 1/4     | 0.98 | 1      | 2.80 | 2 13/16 |  |
| 25250    | 84355 | 25251 | 1 1/2     | 1.12 | 1 1/8  | 2.99 | 3       |  |
| 25255    | 84360 | 25256 | 2         | 1.32 | 1 5/16 | 3.31 | 3 5/16  |  |

## Viega MegaPress 45° Elbow, P x P - Models 4826XL / 6626XL



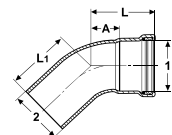
| Part No. |       | Size (in) |      | A (in) |      | L (in)  |  |
|----------|-------|-----------|------|--------|------|---------|--|
| FKM      | HNBR  | 1         | Dec  | Frac   | Dec  | Frac    |  |
| 26530    | 28630 | 2 1/2     | 2.10 | 2 1/8  | 3.90 | 3 7/8   |  |
| 26535    | 28635 | 3         | 2.26 | 2 1/4  | 4.56 | 4 9/16  |  |
| 26540    | 28640 | 4         | 2.74 | 2 3/4  | 5.92 | 5 15/16 |  |

## MegaPress 45° Elbow, Carbon Steel, P x FTG - Models 4826.1 / 5926.1 / 6626.1



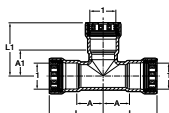
| Part No. |       |       | Size (in)     |      | A (in) |      | L (in)  |      | L1 (in) |      |
|----------|-------|-------|---------------|------|--------|------|---------|------|---------|------|
| EPDM     | FKM   | HNBR  | 1             | 2    | Dec    | Frac | Dec     | Frac | Dec     | Frac |
| 26100    | 84905 | 26101 | 1/2 x 1/2     | 0.60 | 5/8    | 1.67 | 1 11/16 | 1.97 | 1 15/16 |      |
| 26105    | 84910 | 26106 | 3/4 x 3/4     | 0.71 | 1 1/16 | 1.87 | 1 7/8   | 2.13 | 2 1/8   |      |
| 26110    | 84915 | 26111 | 1 x 1         | 0.86 | 7/8    | 2.20 | 2 3/16  | 2.52 | 2 1/2   |      |
| 26115    | 84920 | 26116 | 1 1/4 x 1 1/4 | 0.98 | 1      | 2.80 | 2 13/16 | 2.99 | 3       |      |
| 26120    | 84925 | 26121 | 1 1/2 x 1 1/2 | 1.12 | 1 1/8  | 2.99 | 3       | 3.07 | 3 1/16  |      |
| 26125    | 84930 | 26126 | 2 x 2         | 1.32 | 1 5/16 | 3.31 | 3 5/16  | 3.58 | 3 9/16  |      |

## Viega MegaPress 45° Street Elbow, P x FTG - Models 4826.1XL / 6626.1XL



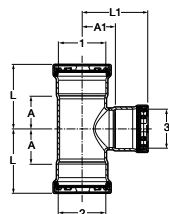
| Part No. |       | Size (in)     |      | A (in) |      | L (in)  |      | L1 (in) |      |
|----------|-------|---------------|------|--------|------|---------|------|---------|------|
| FKM      | HNBR  | 1             | 2    | Dec    | Frac | Dec     | Frac | Dec     | Frac |
| 26545    | 28645 | 2 1/2 x 2 1/2 | 2.10 | 2 1/8  | 3.90 | 3 7/8   | 3.95 | 3 15/16 |      |
| 26550    | 28650 | 3 x 3         | 2.26 | 2 1/4  | 4.56 | 4 9/16  | 4.34 | 4 5/16  |      |
| 26555    | 28655 | 4 x 4         | 2.74 | 2 3/4  | 5.92 | 5 15/16 | 5.62 | 5 5/8   |      |

## MegaPress Tee, Carbon Steel, P x P x P - Models 4818 / 5918 / 6618



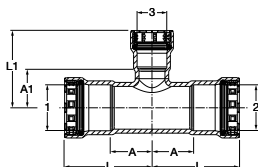
| Part No. |       |       | Size (in) | A (in) |         | A1 (in) |         | L (in) |         | L1 (in) |         |
|----------|-------|-------|-----------|--------|---------|---------|---------|--------|---------|---------|---------|
| EPDM     | FKM   | HNBR  | 1         | Dec    | Frac    | Dec     | Frac    | Dec    | Frac    | Dec     | Frac    |
| 25300    | 84365 | 25301 | ½         | 0.97   | 1       | 0.93    | 15⁄16   | 2.04   | 2 1⁄16  | 2.00    | 2       |
| 25305    | 84370 | 25306 | ¾         | 1.11   | 1 ⅛     | 1.09    | 1 1⁄16  | 2.26   | 2 ¼     | 2.24    | 2 ¼     |
| 25310    | 84375 | 25311 | 1         | 1.23   | 1 ¼     | 1.23    | 1 ¼     | 2.57   | 2 9⁄16  | 2.57    | 2 9⁄16  |
| 25315    | 84395 | 25316 | 1 ¼       | 1.41   | 1 7⁄16  | 1.38    | 1 ⅜     | 3.23   | 3 ¾     | 3.20    | 3 3⁄16  |
| 25320    | 84400 | 25321 | 1 ½       | 1.57   | 1 9⁄16  | 1.54    | 1 9⁄16  | 3.44   | 3 7⁄16  | 3.41    | 3 7⁄16  |
| 25325    | 84405 | 25326 | 2         | 1.81   | 1 13⁄16 | 1.80    | 1 13⁄16 | 3.80   | 3 13⁄16 | 3.79    | 3 13⁄16 |

## Viega MegaPress Tee P x P x P - Models 4818XL / 6618XL



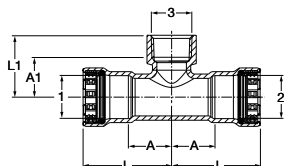
| Part No. |       | Size (in)             |   |   | A (in) |         | A1 (in) |        | L (in) |         | L1 (in) |         |
|----------|-------|-----------------------|---|---|--------|---------|---------|--------|--------|---------|---------|---------|
| FKM      | HNBR  | 1                     | 2 | 3 | Dec    | Frac    | Dec     | Frac   | Dec    | Frac    | Dec     | Frac    |
| N/A      | 28910 | 2 1/2 x 2 1/2 x 1     |   |   | 1.35   | 1 3/8   | 2.04    | 2 1/16 | 3.15   | 3 1/8   | 3.38    | 3 3/8   |
| N/A      | 28905 | 2 1/2 x 2 1/2 x 1 1/4 |   |   | 1.72   | 1 3/4   | 2.06    | 2 1/16 | 3.52   | 3 1/2   | 3.87    | 3 7/8   |
| 26575    | 28675 | 2 1/2 x 2 1/2 x 1 1/2 |   |   | 1.72   | 1 3/4   | 2.08    | 2 1/16 | 3.52   | 3 1/2   | 3.95    | 3 15/16 |
| 26580    | 28680 | 2 1/2 x 2 1/2 x 2     |   |   | 2.16   | 2 3/16  | 2.05    | 2 1/16 | 3.96   | 3 15/16 | 4.04    | 4 1/16  |
| 26560    | 28660 | 2 1/2 x 2 1/2 x 2 1/2 |   |   | 2.16   | 2 3/16  | 2.26    | 2 1/4  | 3.96   | 3 15/16 | 4.06    | 4 1/16  |
| 26595    | 28695 | 3 x 3 x 1 1/4         |   |   | 1.70   | 1 11/16 | 2.31    | 2 5/16 | 4.04   | 4 1/16  | 4.13    | 4 1/8   |
| 26590    | 28690 | 3 x 3 x 1 1/2         |   |   | 1.80   | 1 13/16 | 2.33    | 2 5/16 | 4.13   | 4 1/8   | 4.20    | 4 3/16  |
| 26585    | 28685 | 3 x 3 x 2             |   |   | 2.11   | 2 1/8   | 2.30    | 2 5/16 | 4.41   | 4 7/16  | 4.29    | 4 5/16  |
| 26600    | 28700 | 3 x 3 x 2 1/2         |   |   | 2.32   | 2 5/16  | 2.51    | 2 1/2  | 4.63   | 4 5/8   | 4.31    | 4 5/16  |
| 26565    | 28665 | 3 x 3 x 3             |   |   | 2.55   | 2 9/16  | 2.52    | 2 1/2  | 4.88   | 4 7/8   | 4.82    | 4 13/16 |
| 26605    | 28705 | 4 x 4 x 1 1/2         |   |   | 1.86   | 1 7/8   | 2.90    | 2 7/8  | 5.04   | 5 1/16  | 4.77    | 4 3/4   |
| 26610    | 28710 | 4 x 4 x 2             |   |   | 2.18   | 2 3/16  | 2.87    | 2 7/8  | 5.35   | 5 3/8   | 4.86    | 4 7/8   |
| 26615    | 28715 | 4 x 4 x 2 1/2         |   |   | 2.40   | 2 3/8   | 3.08    | 3 1/16 | 5.55   | 5 9/16  | 4.88    | 4 7/8   |
| 26620    | 28720 | 4 x 4 x 3             |   |   | 2.66   | 2 11/16 | 3.13    | 3 1/8  | 5.81   | 5 3/4   | 5.43    | 5 7/16  |
| 26570    | 28670 | 4 x 4 x 4             |   |   | 3.22   | 3 1/4   | 3.08    | 3 1/16 | 6.40   | 6 3/8   | 6.26    | 6 1/4   |

## MegaPress Reducing Tee, Carbon Steel, P x P x P - Models 4818 / 5918 / 6618



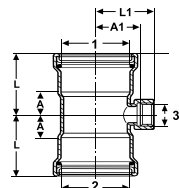
| Part No. |       |       | Size (in) |         |         | A (in) |         | A1 (in) |         | L (in) |         | L1 (in) |         |
|----------|-------|-------|-----------|---------|---------|--------|---------|---------|---------|--------|---------|---------|---------|
| EPDM     | FKM   | HNBR  | 1         | 2       | 3       | Dec    | Frac    | Dec     | Frac    | Dec    | Frac    | Dec     | Frac    |
| 25330    | 84410 | 25331 | 3/4       | x 3/4   | x 1/2   | 1.11   | 1 1/8   | 1.07    | 1 1/16  | 2.26   | 2 1/4   | 2.14    | 2 1/8   |
| 25335    | 84415 | 25336 | 1         | x 1     | x 1/2   | 1.23   | 1 1/4   | 1.20    | 1 3/16  | 2.57   | 2 9/16  | 2.28    | 2 1/4   |
| 25340    | 84420 | 25341 | 1         | x 1     | x 3/4   | 1.23   | 1 1/4   | 1.24    | 1 1/4   | 2.57   | 2 9/16  | 2.40    | 2 3/8   |
| 25510    | 84380 | 25491 | 1 1/4     | x 1 1/4 | x 1/2   | 1.41   | 1 7/16  | 1.35    | 1 3/8   | 3.23   | 3 1/4   | 2.42    | 2 7/16  |
| 25515    | 84385 | 25496 | 1 1/4     | x 1 1/4 | x 3/4   | 1.41   | 1 7/16  | 1.39    | 1 3/8   | 3.23   | 3 1/4   | 2.55    | 2 9/16  |
| 25350    | 84390 | 25351 | 1 1/4     | x 1 1/4 | x 1     | 1.41   | 1 7/16  | 1.38    | 1 3/8   | 3.23   | 3 1/4   | 2.73    | 2 3/4   |
| 25360    | 84425 | 25361 | 1 1/2     | x 1 1/2 | x 1/2   | 1.57   | 1 9/16  | 1.44    | 1 7/16  | 3.44   | 3 7/16  | 2.51    | 2 1/2   |
| 25365    | 84430 | 25366 | 1 1/2     | x 1 1/2 | x 3/4   | 1.57   | 1 9/16  | 1.48    | 1 1/2   | 3.44   | 3 7/16  | 2.64    | 2 5/8   |
| 25370    | 84435 | 25371 | 1 1/2     | x 1 1/2 | x 1     | 1.57   | 1 9/16  | 1.48    | 1 1/2   | 3.44   | 3 7/16  | 2.83    | 2 13/16 |
| 25375    | 84440 | 25376 | 1 1/2     | x 1 1/2 | x 1 1/4 | 1.57   | 1 9/16  | 1.50    | 1 1/2   | 3.44   | 3 7/16  | 3.32    | 3 5/16  |
| 25380    | 84445 | 25381 | 2         | x 2     | x 1/2   | 1.81   | 1 13/16 | 1.74    | 1 3/4   | 3.80   | 3 13/16 | 2.81    | 2 13/16 |
| 25385    | 84450 | 25386 | 2         | x 2     | x 3/4   | 1.81   | 1 13/16 | 1.80    | 1 13/16 | 3.80   | 3 13/16 | 2.95    | 2 15/16 |
| 25390    | 84455 | 25391 | 2         | x 2     | x 1     | 1.81   | 1 13/16 | 1.75    | 1 3/4   | 3.80   | 3 13/16 | 3.10    | 3 1/8   |
| 25395    | 84460 | 25396 | 2         | x 2     | x 1 1/4 | 1.81   | 1 13/16 | 1.78    | 1 3/4   | 3.80   | 3 13/16 | 3.60    | 3 5/8   |
| 25400    | 84465 | 25401 | 2         | x 2     | x 1 1/2 | 1.81   | 1 13/16 | 1.84    | 1 13/16 | 3.80   | 3 13/16 | 3.71    | 3 11/16 |

## MegaPress Reducing Tee, Carbon Steel, P x P x FPT - Models 4817.2 / 5917.2 / 6617.2



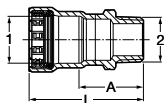
| Part No. |       |       | Size (in) |         |         | A (in) |         | A1 (in) |         | L (in) |         | L1 (in) |         |
|----------|-------|-------|-----------|---------|---------|--------|---------|---------|---------|--------|---------|---------|---------|
| EPDM     | FKM   | HNBR  | 1         | 2       | 3       | Dec    | Frac    | Dec     | Frac    | Dec    | Frac    | Dec     | Frac    |
| 25405    | 84545 | 25406 | 3/4       | x 3/4   | x 1/2   | 1.11   | 1 1/8   | 1.02    | 1       | 2.26   | 2 1/4   | 1.55    | 1 9/16  |
| 25480    | 84550 | 25481 | 3/4       | x 3/4   | x 3/4   | 1.11   | 1 1/8   | 1.03    | 1       | 2.26   | 2 1/4   | 1.58    | 1 9/16  |
| 25410    | 84555 | 25411 | 1         | x 1     | x 1/2   | 1.23   | 1 1/4   | 1.19    | 1 3/16  | 2.57   | 2 9/16  | 1.73    | 1 3/4   |
| 25415    | 84560 | 25416 | 1         | x 1     | x 3/4   | 1.23   | 1 1/4   | 1.18    | 1 3/16  | 2.57   | 2 9/16  | 1.73    | 1 3/4   |
| 25485    | 84575 | 25486 | 1 1/4     | x 1 1/4 | x 1/2   | 1.41   | 1 7/16  | 1.31    | 1 5/16  | 3.23   | 3 1/4   | 1.85    | 1 7/8   |
| 25505    | 84570 | 25506 | 1 1/4     | x 1 1/4 | x 3/4   | 1.41   | 1 7/16  | 1.33    | 1 5/16  | 3.23   | 3 1/4   | 1.89    | 1 7/8   |
| 25500    | 84565 | 25501 | 1 1/4     | x 1 1/4 | x 1     | 1.41   | 1 7/16  | 1.37    | 1 5/16  | 3.23   | 3 1/4   | 2.03    | 2       |
| 25435    | 84580 | 25436 | 1 1/2     | x 1 1/2 | x 1/2   | 1.57   | 1 9/16  | 1.42    | 1 7/16  | 3.44   | 3 7/16  | 1.95    | 1 15/16 |
| 25440    | 84585 | 25441 | 1 1/2     | x 1 1/2 | x 3/4   | 1.57   | 1 9/16  | 1.41    | 1 7/16  | 3.44   | 3 7/16  | 1.97    | 2       |
| 25445    | 84590 | 25446 | 1 1/2     | x 1 1/2 | x 1     | 1.57   | 1 9/16  | 1.57    | 1 9/16  | 3.44   | 3 7/16  | 2.24    | 2 1/4   |
| 25450    | NA    | 25451 | 1 1/2     | x 1 1/2 | x 1 1/4 | 1.57   | 1 9/16  | 1.47    | 1 7/2   | 3.44   | 3 7/16  | 2.15    | 2 1/8   |
| 25455    | 84595 | 25456 | 2         | x 2     | x 1/2   | 1.81   | 1 13/16 | 1.70    | 1 11/16 | 3.80   | 3 13/16 | 2.24    | 2 1/4   |
| 25460    | 84600 | 25461 | 2         | x 2     | x 3/4   | 1.81   | 1 13/16 | 1.72    | 1 3/4   | 3.80   | 3 13/16 | 2.28    | 2 1/4   |
| 25465    | 84605 | 25466 | 2         | x 2     | x 1     | 1.81   | 1 13/16 | 1.89    | 1 7/8   | 3.80   | 3 13/16 | 2.55    | 2 9/16  |
| 25470    | NA    | 25471 | 2         | x 2     | x 1 1/4 | 1.81   | 1 13/16 | 1.77    | 1 3/4   | 3.80   | 3 13/16 | 2.45    | 2 7/16  |
| 25475    | NA    | 25476 | 2         | x 2     | x 1 1/2 | 1.81   | 1 13/16 | 1.73    | 1 3/4   | 3.80   | 3 13/16 | 2.41    | 2 7/16  |

## Viega MegaPress Tee P x P x FPT - Models 4817.2XL / 6617.2XL



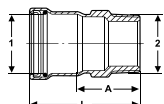
| Part No. |       | Size (in) |         |       | A (in) |        | A1 (in) |       | L (in) |       | L1 (in) |         |
|----------|-------|-----------|---------|-------|--------|--------|---------|-------|--------|-------|---------|---------|
| FKM      | HNBR  | 1         | 2       | 3     | Dec    | Frac   | Dec     | Frac  | Dec    | Frac  | Dec     | Frac    |
| 26625    | 28725 | 2 1/2     | x 2 1/2 | x 3/4 | 1.35   | 1 1/8  | 2.00    | 2     | 3.15   | 3 1/8 | 2.55    | 2 9/16  |
| 26630    | 28730 | 3         | x 3     | x 3/4 | 1.44   | 1 7/16 | 2.24    | 2 1/4 | 3.74   | 3 3/4 | 2.80    | 2 13/16 |
| 26635    | 28735 | 4         | x 4     | x 3/4 | 1.55   | 1 9/16 | 2.76    | 2 3/4 | 4.72   | 4 3/4 | 3.31    | 3 5/16  |

## MegaPress Adapter, Carbon Steel, P x MPT - Models 4811 / 5911 / 6611



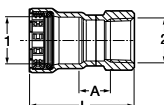
| Part No. |       |       | Size (in) |         | A (in) |         | L (in) |         |
|----------|-------|-------|-----------|---------|--------|---------|--------|---------|
| EPDM     | FKM   | HNBR  | 1         | 2       | Dec    | Frac    | Dec    | Frac    |
| 25100    | 84245 | 25101 | 1/2       | x 1/2   | 1.45   | 1 7/16  | 2.52   | 2 1/2   |
| 25105    | 84250 | 25106 | 3/4       | x 3/4   | 1.50   | 1 1/2   | 2.66   | 2 11/16 |
| 25110    | 84255 | 25111 | 1         | x 1     | 1.66   | 1 11/16 | 3.00   | 3       |
| 25115    | 84260 | 25116 | 1 1/4     | x 1 1/4 | 1.90   | 1 7/8   | 3.70   | 3 11/16 |
| 25120    | 84265 | 25121 | 1 1/2     | x 1 1/2 | 1.93   | 1 15/16 | 3.80   | 3 13/16 |
| 25125    | 84270 | 25126 | 2         | x 2     | 1.93   | 1 5/4   | 3.92   | 3 15/16 |

## Viega MegaPress Adapter P x MPT - Models 4811XL / 6611XL



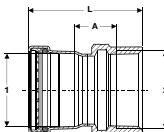
| Part No. |       | Size (in) |         | A (in) |       | L (in) |        |
|----------|-------|-----------|---------|--------|-------|--------|--------|
| FKM      | HNBR  | 1         | 2       | Dec    | Frac  | Dec    | Frac   |
| 26640    | 28740 | 2 1/2     | x 2 1/2 | 2.75   | 2 3/4 | 4.55   | 4 9/16 |
| 26645    | 28745 | 3         | x 3     | 2.89   | 2 7/8 | 5.20   | 5 3/16 |
| 26650    | 28750 | 4         | x 4     | 3.03   | 3     | 6.21   | 6 1/16 |

## MegaPress Adapter, Carbon Steel, P x FPT - Models 4812 / 5912 / 6612



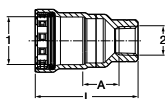
| Part No. |       |       | Size (in) |         | A (in) |      | L (in) |        |
|----------|-------|-------|-----------|---------|--------|------|--------|--------|
| EPDM     | FKM   | HNBR  | 1         | 2       | Dec    | Frac | Dec    | Frac   |
| 25130    | 84275 | 25131 | 1/2       | x 1/2   | 0.69   | 1/16 | 2.29   | 2 5/16 |
| 25135    | 84280 | 25136 | 3/4       | x 3/4   | 0.74   | 3/4  | 2.45   | 2 7/16 |
| 25140    | 84285 | 25141 | 1         | x 1     | 0.73   | 3/4  | 2.74   | 2 3/4  |
| 25145    | 84290 | 25146 | 1 1/4     | x 1 1/4 | 0.77   | 3/4  | 3.27   | 3 1/4  |
| 25150    | 84295 | 25151 | 1 1/2     | x 1 1/2 | 0.72   | 3/4  | 3.28   | 3 1/4  |
| 25155    | 84300 | 25156 | 2         | x 2     | 0.76   | 3/4  | 3.44   | 3 1/16 |

## Viega MegaPress Adapter P x FPT - Models 4812XL / 6612XL



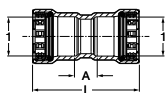
| Part No. |       | Size (in) |         | A (in) |        | L (in) |        |
|----------|-------|-----------|---------|--------|--------|--------|--------|
| FKM      | HNBR  | 1         | 2       | Dec    | Frac   | Dec    | Frac   |
| 26655    | 28755 | 2 1/2     | x 2 1/2 | 1.13   | 1 1/8  | 3.86   | 3 7/8  |
| 26660    | 28760 | 3         | x 3     | 1.17   | 1 3/16 | 4.49   | 4 1/2  |
| 26665    | 28765 | 4         | x 4     | 1.15   | 1 1/8  | 5.42   | 5 1/16 |

## MegaPress Reducing Adapter, Carbon Steel, P x FPT - Models 4812 / 5912 / 6612



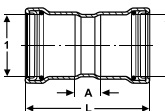
| Part No. |       |       | Size (in) |         | A (in) |        | L (in) |         |
|----------|-------|-------|-----------|---------|--------|--------|--------|---------|
| EPDM     | FKM   | HNBR  | 1         | 2       | Dec    | Frac   | Dec    | Frac    |
| 25575    | 84750 | 25576 | 3/4       | x 1/2   | 0.73   | 3/4    | 2.43   | 2 7/16  |
| 25580    | 84755 | 25581 | 1         | x 1/2   | 1.03   | 1      | 2.91   | 2 15/16 |
| 25585    | 84760 | 25586 | 1         | x 3/4   | 0.78   | 3/4    | 2.68   | 2 11/16 |
| 25590    | 84765 | 25591 | 1 1/4     | x 1/2   | 1.15   | 1 1/8  | 3.50   | 3 1/2   |
| 25595    | 84770 | 25596 | 1 1/4     | x 3/4   | 1.11   | 1 1/8  | 3.48   | 3 1/2   |
| 25600    | 84775 | 25601 | 1 1/4     | x 1     | 0.76   | 3/4    | 3.24   | 3 1/4   |
| 25605    | 84780 | 25606 | 1 1/2     | x 1/2   | 1.31   | 1 5/16 | 3.72   | 3 3/4   |
| 25610    | 84785 | 25611 | 1 1/2     | x 3/4   | 1.27   | 1 1/4  | 3.70   | 3 11/16 |
| 25615    | 84790 | 25616 | 1 1/2     | x 1     | 1.11   | 1 1/8  | 3.64   | 3 5/8   |
| 25620    | 84795 | 25621 | 1 1/2     | x 1 1/4 | 0.86   | 7/8    | 3.41   | 3 7/16  |
| 25625    | NA    | 25626 | 2         | x 1/2   | 1.56   | 1 9/16 | 4.06   | 4 1/16  |
| 25630    | 84800 | 25631 | 2         | x 3/4   | 1.54   | 1 9/16 | 4.08   | 4 1/16  |
| 25635    | 84805 | 25636 | 2         | x 1     | 1.35   | 1 3/8  | 4.00   | 4       |
| 25640    | NA    | 25641 | 2         | x 1 1/4 | 1.28   | 1 1/4  | 3.93   | 3 15/16 |
| 25645    | 84810 | 25646 | 2         | x 1 1/2 | 1.03   | 1      | 3.70   | 3 11/16 |

## MegaPress Coupling with Stop, Carbon Steel, P x P - Models 4815 / 5915 / 6615



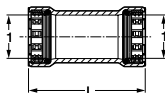
| Part No. |       |       | Size (in) |   | A (in) |        | L (in) |         |
|----------|-------|-------|-----------|---|--------|--------|--------|---------|
| EPDM     | FKM   | HNBR  | 1         | 2 | Dec    | Frac   | Dec    | Frac    |
| 25000    | 84215 | 25001 | 1/2       |   | 0.56   | 9/16   | 2.70   | 2 1/16  |
| 22005    | 84220 | 22009 | 3/4       |   | 0.63   | 5/8    | 2.94   | 2 15/16 |
| 25010    | 84225 | 25011 | 1         |   | 0.59   | 9/16   | 3.29   | 3 5/16  |
| 25015    | 84230 | 25016 | 1 1/4     |   | 0.70   | 1 1/16 | 4.34   | 4 5/16  |
| 25020    | 84235 | 25021 | 1 1/2     |   | 0.89   | 7/8    | 4.63   | 4 9/8   |
| 25025    | 84240 | 25026 | 2         |   | 0.77   | 3/4    | 4.75   | 4 3/4   |

## Viega MegaPress Coupling with Stop P x P - Models 4815XL / 6615XL



| Part No. |       | Size (in) |   | A (in) |        | L (in) |         |
|----------|-------|-----------|---|--------|--------|--------|---------|
| FKM      | HNBR  | 1         | 2 | Dec    | Frac   | Dec    | Frac    |
| 26670    | 28770 | 2 1/2     |   | 1.32   | 1 5/16 | 4.92   | 4 15/16 |
| 26675    | 28775 | 3         |   | 1.38   | 1 3/8  | 5.98   | 6       |
| 26680    | 28780 | 4         |   | 1.57   | 1 9/16 | 7.87   | 7 7/8   |

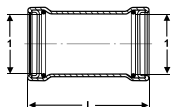
## MegaPress Coupling No Stop, Carbon Steel, P x P - Models 4815.5 / 5915.5 / 6615.5



| Part No. |       |       | Size (in) |   | L (in) |         |
|----------|-------|-------|-----------|---|--------|---------|
| EPDM     | FKM   | HNBR  | 1         | 2 | Dec    | Frac    |
| 25030    | 84130 | 25031 | 1/2       |   | 2.71   | 2 1/16  |
| 25035    | 84135 | 25036 | 3/4       |   | 2.94   | 2 15/16 |
| 25040    | 84140 | 25041 | 1         |   | 3.29   | 3 5/16  |
| 25045    | 84145 | 25046 | 1 1/4     |   | 4.34   | 4 5/16  |
| 25050    | 84150 | 25051 | 1 1/2     |   | 4.63   | 4 9/8   |
| 25055    | 84155 | 25056 | 2         |   | 4.74   | 4 3/4   |



## Viega MegaPress Coupling No Stop P x P - Models 4815.5XL / 6615.5XL



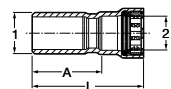
| Part No. |       | Size (in) |      | L (in)                          |  |
|----------|-------|-----------|------|---------------------------------|--|
| FKM      | HNBR  | 1         | Dec  | Frac                            |  |
| 26685    | 28785 | 2½        | 4.92 | 4 <sup>15</sup> / <sub>16</sub> |  |
| 26690    | 28790 | 3         | 5.98 | 6                               |  |
| 26695    | 28795 | 4         | 7.91 | 7 <sup>15</sup> / <sub>16</sub> |  |

## MegaPress Extended No Stop Coupling, Carbon Steel, P x P - Models 4815.3 / 6615.3



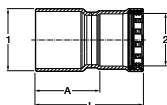
| Part No. |       | Size (in) |      | L (in)                          |  |
|----------|-------|-----------|------|---------------------------------|--|
| EPDM     | HNBR  | 1         | Dec  | Frac                            |  |
| 25070    | 25071 | ½         | 3.82 | 3 <sup>13</sup> / <sub>16</sub> |  |
| 25075    | 25076 | ¾         | 4.00 | 4                               |  |
| 25080    | 25081 | 1         | 4.38 | 4 <sup>3</sup> / <sub>8</sub>   |  |
| 25085    | 25086 | 1¼        | 5.33 | 5 <sup>5</sup> / <sub>16</sub>  |  |
| 25090    | 25091 | 1½        | 5.44 | 5 <sup>9</sup> / <sub>16</sub>  |  |
| 25095    | 25096 | 2         | 5.63 | 5 <sup>5</sup> / <sub>8</sub>   |  |

## MegaPress Reducer, Carbon Steel, FTG x P - Models 4815.1 / 5915.1 / 6615.1



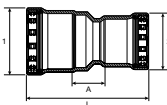
| Part No. |       |       | Size (in) |   | A (in) |                                 | L (in) |                                 |
|----------|-------|-------|-----------|---|--------|---------------------------------|--------|---------------------------------|
| EPDM     | FKM   | HNBR  | 1         | 2 | Dec    | Frac                            | Dec    | Frac                            |
| 26000    | 84160 | 26001 | ¾ x ½     |   | 1.78   | 1¾                              | 2.85   | 2 <sup>7</sup> / <sub>8</sub>   |
| 26005    | 84165 | 26006 | 1 x ½     |   | 2.14   | 2 <sup>1</sup> / <sub>8</sub>   | 3.21   | 3 <sup>3</sup> / <sub>16</sub>  |
| 26010    | 84170 | 26011 | 1 x ¾     |   | 2.09   | 2 <sup>1</sup> / <sub>16</sub>  | 3.24   | 3¼                              |
| NA       | 84175 | NA    | 1¼ x ¾    |   | 2.81   | 2 <sup>13</sup> / <sub>16</sub> | 3.97   | 4                               |
| 26015    | 84180 | 26016 | 1¼ x 1    |   | 2.63   | 2 <sup>5</sup> / <sub>8</sub>   | 3.98   | 4                               |
| 26020    | 84185 | 26021 | 1½ x ¾    |   | 2.98   | 3                               | 4.13   | 4 <sup>1</sup> / <sub>8</sub>   |
| 26025    | 84190 | 26031 | 1½ x 1    |   | 2.81   | 2 <sup>13</sup> / <sub>16</sub> | 4.16   | 4 <sup>3</sup> / <sub>16</sub>  |
| 26030    | 84195 | 26026 | 1½ x 1¼   |   | 2.70   | 2 <sup>11</sup> / <sub>16</sub> | 4.52   | 4½                              |
| 26035    | 84200 | 26036 | 2 x 1     |   | 3.14   | 3 <sup>1</sup> / <sub>8</sub>   | 4.49   | 4½                              |
| 26040    | 84205 | 26041 | 2 x 1¼    |   | 3.02   | 3                               | 4.83   | 4 <sup>13</sup> / <sub>16</sub> |
| 26045    | 84210 | 26046 | 2 x 1½    |   | 2.96   | 2 <sup>15</sup> / <sub>16</sub> | 4.83   | 4 <sup>13</sup> / <sub>16</sub> |

## Viega MegaPress Reducer FTG x P - Models 4815.1XL / 6615.1XL



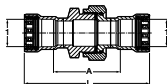
| Part No. |       | Size (in) |      | A (in) |                                | L (in) |                                 |
|----------|-------|-----------|------|--------|--------------------------------|--------|---------------------------------|
| FKM      | HNBR  | 1         | 2    | Dec    | Frac                           | Dec    | Frac                            |
| 26700    | 28800 | 2½        | x 1  | 3.49   | 3½                             | 4.83   | 4 <sup>13</sup> / <sub>16</sub> |
| 26705    | 28805 | 2½        | x 1¼ | 3.37   | 3¾                             | 5.19   | 5 <sup>5</sup> / <sub>16</sub>  |
| 26710    | 28810 | 2½        | x 1½ | 3.30   | 3 <sup>5</sup> / <sub>16</sub> | 5.17   | 5 <sup>3</sup> / <sub>16</sub>  |
| 26715    | 28815 | 2½        | x 2  | 2.97   | 3                              | 4.96   | 4 <sup>15</sup> / <sub>16</sub> |
| 26720    | 28820 | 3         | x 1¼ | 4.16   | 4 <sup>3</sup> / <sub>16</sub> | 5.98   | 6                               |
| 26725    | 28825 | 3         | x 1½ | 4.08   | 4 <sup>1</sup> / <sub>16</sub> | 5.95   | 5 <sup>15</sup> / <sub>16</sub> |
| 26730    | 28830 | 3         | x 2  | 3.76   | 3¾                             | 5.75   | 5¾                              |
| 26735    | 28835 | 3         | x 2½ | 3.75   | 3¾                             | 5.55   | 5 <sup>9</sup> / <sub>16</sub>  |
| 26740    | 28840 | 4         | x 1½ | 5.60   | 5 <sup>5</sup> / <sub>8</sub>  | 7.47   | 7½                              |
| 26745    | 28845 | 4         | x 2  | 5.28   | 5¼                             | 7.27   | 7¼                              |
| 26750    | 28850 | 4         | x 2½ | 5.27   | 5¼                             | 7.06   | 7 <sup>1</sup> / <sub>16</sub>  |
| 26755    | 28855 | 4         | x 3  | 5.03   | 5                              | 7.33   | 7 <sup>5</sup> / <sub>16</sub>  |

## MegaPress Reducer, Carbon Steel, P x P - Models 4815.2 / 6615.2



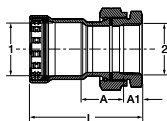
| Part No. |       | Size (in) |      | A (in) |                                | L (in) |                                 |
|----------|-------|-----------|------|--------|--------------------------------|--------|---------------------------------|
| EPDM     | HNBR  | 1         | 2    | Dec    | Frac                           | Dec    | Frac                            |
| 25930    | 25931 | ¾         | x ½  | 1.20   | 1 <sup>1</sup> / <sub>16</sub> | 3.43   | 3 <sup>7</sup> / <sub>16</sub>  |
| 25935    | 25936 | 1         | x ½  | 1.37   | 1¾                             | 3.79   | 3 <sup>13</sup> / <sub>16</sub> |
| 25940    | 25941 | 1         | x ¾  | 1.24   | 1¼                             | 3.74   | 3¾                              |
| 25945    | 25946 | 1¼        | x ¾  | 1.40   | 1¾                             | 4.37   | 4¾                              |
| 25950    | 25951 | 1¼        | x 1  | 1.23   | 1¼                             | 4.39   | 4¾                              |
| 25955    | 25956 | 1½        | x 1¼ | 1.21   | 1 <sup>1</sup> / <sub>16</sub> | 4.90   | 4 <sup>7</sup> / <sub>8</sub>   |
| 25960    | 25961 | 2         | x 1¼ | 1.45   | 1 <sup>7</sup> / <sub>16</sub> | 5.27   | 5¼                              |
| 25965    | 25966 | 2         | x 1½ | 1.43   | 1 <sup>1</sup> / <sub>16</sub> | 5.26   | 5¼                              |

## MegaPress Union, Carbon Steel, P x P - Model 4860 / 5960



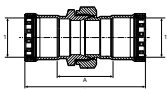
| Part No. |       | Size (in) |  | A (in) |                                 | L (in) |                                |
|----------|-------|-----------|--|--------|---------------------------------|--------|--------------------------------|
| EPDM     | FKM   | 1         |  | Dec    | Frac                            | Dec    | Frac                           |
| 25700    | 84815 | ½         |  | 2.35   | 2¾                              | 4.50   | 4½                             |
| 25705    | 84820 | ¾         |  | 2.67   | 2 <sup>7</sup> / <sub>16</sub>  | 4.99   | 5                              |
| 25710    | 84825 | 1         |  | 2.65   | 2 <sup>5</sup> / <sub>8</sub>   | 5.34   | 5 <sup>5</sup> / <sub>16</sub> |
| 25715    | 84830 | 1¼        |  | 2.84   | 2 <sup>13</sup> / <sub>16</sub> | 6.48   | 6½                             |
| 25720    | 84835 | 1½        |  | 2.89   | 2 <sup>7</sup> / <sub>8</sub>   | 6.63   | 6 <sup>5</sup> / <sub>8</sub>  |
| 25725    | 84840 | 2         |  | 3.92   | 3 <sup>15</sup> / <sub>16</sub> | 7.89   | 7¾                             |

## MegaPress Union, Carbon Steel, P x FPT - Model 4862



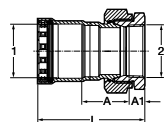
| Part No.<br>EPDM | Size (in) |       | A (in) |        | A1 (in) |        | L (in) |        |
|------------------|-----------|-------|--------|--------|---------|--------|--------|--------|
|                  | 1         | 2     | Dec    | Frac   | Dec     | Frac   | Dec    | Frac   |
| 25650            | 1/2       | 1/2   | 1.25   | 1 1/4  | 0.54    | 9/16   | 2.85   | 2 7/8  |
| 25655            | 3/4       | 3/4   | 1.48   | 1 1/2  | 0.56    | 9/16   | 3.20   | 3 1/16 |
| 25660            | 1         | 1     | 1.37   | 1 3/8  | 0.66    | 1 1/16 | 3.38   | 3 3/8  |
| 25665            | 1 1/4     | 1 1/4 | 1.53   | 1 1/2  | 0.68    | 1 1/16 | 4.03   | 4      |
| 25670            | 1 1/2     | 1 1/2 | 1.55   | 1 9/16 | 0.68    | 1 1/16 | 4.10   | 4 1/8  |
| 25675            | 2         | 2     | 2.33   | 2 5/16 | 0.70    | 1 1/16 | 5.00   | 5      |

## MegaPress Union, Carbon Steel, P x P - Model 6660



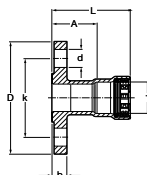
| Part No.<br>HNBR | Size (in) |  | A (in) |         | L (in) |        |
|------------------|-----------|--|--------|---------|--------|--------|
|                  | 1         |  | Dec    | Frac    | Dec    | Frac   |
| 25701            | 1/2       |  | 2.33   | 2 5/16  | 4.47   | 4 1/2  |
| 25706            | 3/4       |  | 2.67   | 2 11/16 | 4.98   | 5      |
| 25711            | 1         |  | 2.60   | 2 5/8   | 5.29   | 5 1/16 |
| 25716            | 1 1/4     |  | 2.85   | 2 7/8   | 6.49   | 6 1/2  |
| 25721            | 1 1/2     |  | 2.90   | 2 7/8   | 6.64   | 6 5/8  |
| 25726            | 2         |  | 3.41   | 3 7/16  | 7.35   | 7 3/8  |

## MegaPress Union, Carbon Steel, P x FPT - Model 6662



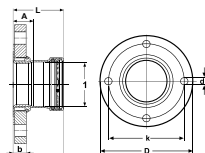
| Part No.<br>HNBR | Size (in) |       | A (in) |         | A1 (in) |        | L (in) |       |
|------------------|-----------|-------|--------|---------|---------|--------|--------|-------|
|                  | 1         | 2     | Dec    | Frac    | Dec     | Frac   | Dec    | Frac  |
| 25651            | 1/2       | 1/2   | 1.38   | 1 3/8   | 0.54    | 9/16   | 2.98   | 3     |
| 25656            | 3/4       | 3/4   | 1.64   | 1 5/8   | 0.56    | 9/16   | 3.35   | 3 3/8 |
| 25661            | 1         | 1     | 1.62   | 1 5/8   | 0.66    | 1 1/16 | 3.63   | 3 5/8 |
| 25666            | 1 1/4     | 1 1/4 | 1.85   | 1 7/8   | 0.68    | 1 1/16 | 4.35   | 4 3/8 |
| 25671            | 1 1/2     | 1 1/2 | 1.80   | 1 13/16 | 0.68    | 1 1/16 | 4.35   | 4 3/8 |
| 25676            | 2         | 2     | 2.11   | 2 1/8   | 0.70    | 1 1/16 | 4.77   | 4 3/4 |

## MegaPress Flange Class 150 Raised Face, Carbon Steel, P - Models 5959.5 / 6659.5



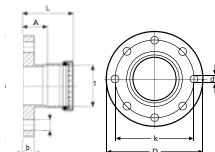
| Part No. |       | Size (in) | A (in) |        | L (in) |        | b (in) |      | k (in) |       | D (in) |         | d (in) |      |
|----------|-------|-----------|--------|--------|--------|--------|--------|------|--------|-------|--------|---------|--------|------|
| FKM      | HNBR  | 1         | Dec    | Frac   | Dec    | Frac   | Dec    | Frac | Dec    | Frac  | Dec    | Frac    | Dec    | Frac |
| 84845    | 25761 | ½         | 1.51   | 1 ½    | 2.58   | 2 9/16 | 0.46   | 7/16 | 2.36   | 2 3/8 | 3.54   | 3 9/16  | 0.63   | 5/8  |
| 84850    | 25766 | ¾         | 1.58   | 1 1/16 | 2.74   | 2 ¾    | 0.52   | ½    | 2.76   | 2 ¾   | 3.94   | 3 5/16  | 0.63   | 5/8  |
| 84855    | 25771 | 1         | 1.75   | 1 ¾    | 3.10   | 3 3/8  | 0.58   | 9/16 | 3.11   | 3 1/8 | 4.33   | 4 9/16  | 0.63   | 5/8  |
| 84860    | 25776 | 1 ¼       | 1.89   | 1 7/8  | 3.71   | 3 7/16 | 0.64   | 5/8  | 3.50   | 3 ½   | 4.53   | 4 ½     | 0.63   | 5/8  |
| 84865    | 25781 | 1 ½       | 2.06   | 2 1/16 | 3.93   | 3 5/16 | 0.70   | 1/16 | 3.86   | 3 3/8 | 4.92   | 4 15/16 | 0.63   | 5/8  |
| 84870    | 25786 | 2         | 2.07   | 2 1/16 | 4.06   | 4 1/16 | 0.77   | ¾    | 4.76   | 4 ¾   | 5.91   | 5 15/16 | 0.75   | ¾    |

## Viega MegaPress Adapter Flange Class 150 Raised Face, P - Model 4859.5XL



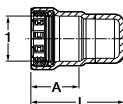
| Part No. | Size (in) | A (in) |    | L (in) |      | b (in) |       | k (in) |      | D (in) |      | d (in) |      |
|----------|-----------|--------|----|--------|------|--------|-------|--------|------|--------|------|--------|------|
|          |           | FKM    | 1  | Dec    | Frac | Dec    | Frac  | Dec    | Frac | Dec    | Frac | Dec    | Frac |
| 26775    | 2½        | 1.54   | 1⅞ | 3.33   | 3⅞   | 0.89   | ⅞     | 5.51   | 5½   | 7.09   | 7⅛   | 0.75   | ¾    |
| 26780    | 3         | 1.65   | 1⅝ | 3.95   | 3⅟16 | 0.96   | 15/16 | 5.98   | 6    | 7.48   | 7½   | 0.75   | ¾    |
| 26785    | 4         | 1.63   | 1⅝ | 4.80   | 4⅟16 | 0.96   | 15/16 | 7.52   | 7½   | 9.06   | 9⅛   | 0.75   | ¾    |

## Viega MegaPressG Adapter Flange Class 125 Flat Face, P - Model 6659.5XL



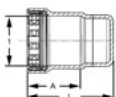
| Part No. | Size (in) | A (in) |      | L (in) |      | b (in) |       | k (in) |      | D (in) |      | d (in) |      |
|----------|-----------|--------|------|--------|------|--------|-------|--------|------|--------|------|--------|------|
| HNBR     | 1         | Dec    | Frac | Dec    | Frac | Dec    | Frac  | Dec    | Frac | Dec    | Frac | Dec    | Frac |
| 28875    | 2½        | 1.54   | 1⅞   | 3.33   | 3⅞   | 0.89   | ⅞     | 5.51   | 5½   | 7.09   | 7⅛   | 0.75   | ¾    |
| 28880    | 3         | 1.65   | 1⅝   | 3.95   | 3⅟16 | 0.96   | 15/16 | 5.98   | 6    | 7.48   | 7½   | 0.75   | ¾    |
| 28885    | 4         | 1.63   | 1⅝   | 4.80   | 4⅟16 | 0.96   | 15/16 | 7.52   | 7½   | 9.06   | 9⅛   | 0.75   | ¾    |

## MegaPress Cap, Carbon Steel, P x Cap - Models 4856 / 5956 / 6656



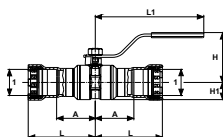
| Part No. |       |       | Size (in) |      | A (in)  |      | L (in)  |  |
|----------|-------|-------|-----------|------|---------|------|---------|--|
| EPDM     | FKM   | HNBR  | 1         | Dec  | Frac    | Dec  | Frac    |  |
| 25730    | 84100 | 25731 | 1/2       | 1.07 | 1 1/16  | 2.14 | 2 1/8   |  |
| 25735    | 84105 | 25736 | 3/4       | 1.16 | 1 3/16  | 2.26 | 2 1/4   |  |
| 25740    | 84110 | 25741 | 1         | 1.35 | 1 3/8   | 2.43 | 2 7/16  |  |
| 25745    | 84115 | 25746 | 1 1/4     | 1.82 | 1 13/16 | 2.93 | 2 15/16 |  |
| 25750    | 84120 | 25751 | 1 1/2     | 1.87 | 1 7/8   | 3.02 | 3       |  |
| 25755    | 84125 | 25756 | 2         | 1.99 | 2       | 3.11 | 3 1/8   |  |

## Viega MegaPress Cap P - Models 4856.1XL / 6656.1XL



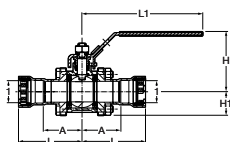
| Part No. |       | Size (in) |      | A (in)  |      | L (in) |  |
|----------|-------|-----------|------|---------|------|--------|--|
| FKM      | HNBR  | 1         | Dec  | Frac    | Dec  | Frac   |  |
| 26760    | 28860 | 2 1/2     | 1.80 | 1 13/16 | 3.27 | 3 1/4  |  |
| 26765    | 28865 | 3         | 2.30 | 2 5/16  | 3.78 | 3 3/4  |  |
| 26770    | 28870 | 4         | 3.18 | 3 3/16  | 4.65 | 4 5/8  |  |

## MegaPress Ball Valve, Carbon Steel, P x P - Models 4870 / 5970 / 5970XL



| Part No. |       | Size (in) |      | A (in)  |      | L (in)  |       | L1 (in) |      | H (in)  |      | H1 (in) |  |
|----------|-------|-----------|------|---------|------|---------|-------|---------|------|---------|------|---------|--|
| EPDM     | FKM   | 1         | Dec  | Frac    | Dec  | Frac    | Dec   | Frac    | Dec  | Frac    | Dec  | Frac    |  |
| 28915    | 28945 | 1/2       | 1.54 | 1 1/16  | 2.62 | 2 5/8   | 4.57  | 4 9/16  | 1.99 | 2       | 0.63 | 5/8     |  |
| 28920    | 28950 | 3/4       | 1.64 | 1 5/8   | 2.80 | 2 13/16 | 4.57  | 4 9/16  | 2.10 | 2 1/8   | 0.75 | 3/4     |  |
| 28925    | 28955 | 1         | 1.81 | 1 13/16 | 3.16 | 3 3/16  | 5.77  | 5 3/4   | 2.47 | 2 1/2   | 0.88 | 7/8     |  |
| 28930    | 28960 | 1 1/4     | 1.98 | 2       | 3.80 | 3 13/16 | 5.77  | 5 3/4   | 2.71 | 2 11/16 | 1.14 | 1 1/8   |  |
| 28935    | 28965 | 1 1/2     | 2.14 | 2 1/8   | 4.01 | 4       | 6.12  | 6 1/8   | 3.02 | 3       | 1.36 | 1 3/8   |  |
| 28940    | 28970 | 2         | 2.38 | 2 3/8   | 4.37 | 4 3/8   | 6.12  | 6 1/8   | 3.32 | 3 5/16  | 1.65 | 1 1/2   |  |
| NA       | 86790 | 2 1/2     | 3.72 | 3 3/4   | 5.52 | 5 1/2   | 11.09 | 11 1/16 | 5.13 | 5 1/8   | 2.39 | 2 3/8   |  |
| NA       | 86795 | 3         | 4.07 | 4 1/16  | 6.40 | 6 3/8   | 11.09 | 11 1/16 | 5.52 | 5 1/2   | 2.80 | 2 13/16 |  |
| NA       | 86800 | 4         | 4.67 | 4 7/16  | 7.84 | 7 13/16 | 13.06 | 13 1/16 | 6.70 | 6 11/16 | 3.45 | 3 7/16  |  |

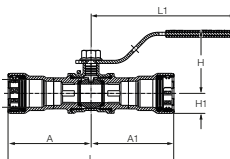
## MegaPress 3-Piece Ball Valve, Carbon Steel, P x P - Models 4875.8 / 5975.8 / 5975.8XL



| Part No. |       | Size (in)* | A (in) |                                 | L (in) |                                 | L1 (in) |                                 | H (in) |                                 | H1 (in) |                                 |
|----------|-------|------------|--------|---------------------------------|--------|---------------------------------|---------|---------------------------------|--------|---------------------------------|---------|---------------------------------|
| EPDM     | FKM   |            | 1      | Dec                             | Frac   | Dec                             | Frac    | Dec                             | Frac   | Dec                             | Frac    | Dec                             |
| 28500    | 86400 | ½          | 1.72   | 1¾                              | 2.80   | 2 <sup>13</sup> / <sub>16</sub> | 5.88    | 5⅞                              | 2.85   | 2⅞                              | 1.04    | 1 <sup>1</sup> / <sub>16</sub>  |
| 28501    | 86405 | ¾          | 1.91   | 1 <sup>15</sup> / <sub>16</sub> | 3.06   | 3 <sup>1</sup> / <sub>16</sub>  | 5.88    | 5⅞                              | 2.93   | 2 <sup>15</sup> / <sub>16</sub> | 1.16    | 1 <sup>3</sup> / <sub>16</sub>  |
| 28502    | 86410 | 1          | 2.19   | 2 <sup>3</sup> / <sub>16</sub>  | 3.54   | 3 <sup>9</sup> / <sub>16</sub>  | 7.54    | 7 <sup>9</sup> / <sub>16</sub>  | 3.33   | 3 <sup>5</sup> / <sub>16</sub>  | 1.40    | 1 <sup>3</sup> / <sub>8</sub>   |
| 28503    | 86415 | 1¼         | 2.50   | 2½                              | 4.31   | 4 <sup>5</sup> / <sub>16</sub>  | 7.54    | 7 <sup>9</sup> / <sub>16</sub>  | 3.57   | 3 <sup>9</sup> / <sub>16</sub>  | 1.57    | 1 <sup>9</sup> / <sub>16</sub>  |
| 28504    | 86420 | 1½         | 2.92   | 2 <sup>15</sup> / <sub>16</sub> | 4.79   | 4 <sup>13</sup> / <sub>16</sub> | 7.54    | 7 <sup>9</sup> / <sub>16</sub>  | 3.89   | 3⅞                              | 1.83    | 1 <sup>13</sup> / <sub>16</sub> |
| 28505    | 86425 | 2          | 3.09   | 3 <sup>1</sup> / <sub>16</sub>  | 5.07   | 5 <sup>1</sup> / <sub>16</sub>  | 7.54    | 7 <sup>9</sup> / <sub>16</sub>  | 3.89   | 3⅞                              | 1.83    | 1 <sup>13</sup> / <sub>16</sub> |
| NA       | 86680 | 2½         | 3.74   | 3¾                              | 5.54   | 5 <sup>9</sup> / <sub>16</sub>  | 11.06   | 11 <sup>1</sup> / <sub>16</sub> | 5.08   | 5 <sup>1</sup> / <sub>16</sub>  | 2.28    | 2¼                              |
| NA       | 86685 | 3          | 4.37   | 4⅝                              | 6.67   | 6 <sup>1</sup> / <sub>16</sub>  | 11.06   | 11 <sup>1</sup> / <sub>16</sub> | 5.47   | 5½                              | 2.68    | 2 <sup>1</sup> / <sub>16</sub>  |
| NA       | 86690 | 4          | 4.88   | 4⅞                              | 8.06   | 8 <sup>1</sup> / <sub>16</sub>  | 13.07   | 13 <sup>1</sup> / <sub>16</sub> | 6.89   | 6⅞                              | 3.79    | 3 <sup>13</sup> / <sub>16</sub> |

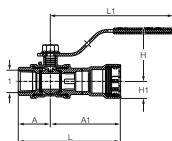
Sizes up to 3" have 4-bolt flanges; 4" has 6-bolt flanges.

## Viega MegaPressG Ball Valve - Model 6675 / 6675XL



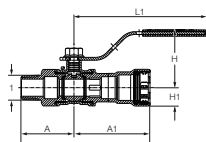
| Part No. | Size (in) | A (in) |                  | L (in) |                   | L1 (in) |                   | H (in) |                  | H1 (in) |                  |
|----------|-----------|--------|------------------|--------|-------------------|---------|-------------------|--------|------------------|---------|------------------|
|          |           | HNBR   | 1                | Dec    | Frac              | Dec     | Frac              | Dec    | Frac             | Dec     | Frac             |
| 30630    | ½         | 2.62   | 2⅝               | 5.24   | 5¼                | 4.57    | 4⅞ <sub>16</sub>  | 1.99   | 2                | 0.63    | ⅝                |
| 30635    | ¾         | 2.80   | 2⅓ <sub>16</sub> | 5.59   | 5⅞ <sub>16</sub>  | 4.57    | 4⅞ <sub>16</sub>  | 2.10   | 2⅛               | 0.77    | ¾                |
| 30640    | 1         | 3.16   | 3⅜ <sub>16</sub> | 6.31   | 6⅝ <sub>16</sub>  | 5.77    | 5¾                | 2.46   | 2⅞ <sub>16</sub> | 0.91    | 1⅝ <sub>16</sub> |
| 30645    | 1¼        | 3.78   | 3¾               | 7.55   | 7⅞ <sub>16</sub>  | 5.77    | 5¾                | 2.69   | 2⅞ <sub>16</sub> | 1.14    | 1⅞               |
| 30650    | 1½        | 3.98   | 4                | 7.97   | 8                 | 6.12    | 6⅞                | 3.02   | 3                | 1.36    | 1⅞               |
| 30655    | 2         | 4.35   | 4⅝               | 8.70   | 8⅞ <sub>16</sub>  | 6.12    | 6⅞                | 3.31   | 3⅞ <sub>16</sub> | 1.65    | 1⅞               |
| 86840    | 2½        | 3.72   | 3¾               | 11.04  | 11⅞ <sub>16</sub> | 11.09   | 11⅞ <sub>16</sub> | 5.14   | 5⅞               | 2.40    | 2⅞               |
| 86845    | 3         | 4.07   | 4⅞ <sub>16</sub> | 12.80  | 12¾               | 11.09   | 11⅞ <sub>16</sub> | 5.54   | 5⅞ <sub>16</sub> | 2.80    | 2¾               |
| 86850    | 4         | 4.67   | 4⅞ <sub>16</sub> | 15.68  | 15⅞ <sub>16</sub> | 13.06   | 13⅞ <sub>16</sub> | 6.70   | 6⅞ <sub>16</sub> | 3.45    | 3⅞ <sub>16</sub> |

## Viega MegaPressG Ball Valve - Model 6675.1



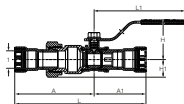
| Part No. | Size (in) | A (in) |       | A1 (in) |       | L (in) |       | L1 (in) |       | H (in) |       | H1 (in) |       |
|----------|-----------|--------|-------|---------|-------|--------|-------|---------|-------|--------|-------|---------|-------|
|          |           | Dec    | Frac  | Dec     | Frac  | Dec    | Frac  | Dec     | Frac  | Dec    | Frac  | Dec     | Frac  |
| 30630    | 1/2       | 1.20   | 13/16 | 2.62    | 25/8  | 3.82   | 33/16 | 4.57    | 49/16 | 1.99   | 2     | 0.63    | 5/8   |
| 30635    | 3/4       | 1.36   | 13/8  | 2.80    | 23/16 | 4.15   | 41/8  | 4.57    | 49/16 | 2.10   | 21/8  | 0.77    | 3/4   |
| 30640    | 1         | 1.85   | 17/8  | 3.16    | 33/16 | 5.00   | 5     | 5.77    | 53/4  | 2.46   | 27/16 | 0.91    | 15/16 |
| 30645    | 1 1/4     | 1.87   | 17/8  | 3.78    | 33/4  | 5.64   | 55/8  | 5.77    | 53/4  | 2.69   | 27/16 | 1.14    | 11/8  |
| 30650    | 1 1/2     | 2.05   | 21/16 | 3.98    | 4     | 6.03   | 6     | 6.12    | 61/8  | 3.02   | 3     | 1.36    | 13/8  |
| 30655    | 2         | 2.43   | 27/16 | 4.35    | 43/8  | 6.78   | 63/4  | 6.12    | 61/8  | 3.31   | 33/8  | 1.65    | 13/8  |

## Viega MegaPressG Ball Valve - Model 6675.2



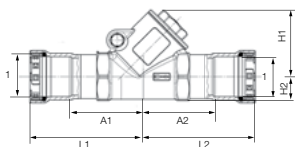
| Part No. | Size (in) | A (in) |        | A1 (in) |       | L (in) |        | L1 (in) |       | H (in) |       | H1 (in) |        |
|----------|-----------|--------|--------|---------|-------|--------|--------|---------|-------|--------|-------|---------|--------|
|          |           | Dec    | Frac   | Dec     | Frac  | Dec    | Frac   | Dec     | Frac  | Dec    | Frac  | Dec     | Frac   |
| 30630    | 1/2       | 1.81   | 13/16  | 2.62    | 25/8  | 4.44   | 47/16  | 4.57    | 49/16 | 0.63   | 5/8   | 1.99    | 2      |
| 30635    | 3/4       | 1.87   | 13/8   | 2.80    | 23/16 | 4.64   | 45/8   | 4.57    | 49/16 | 0.77   | 3/4   | 2.10    | 21/8   |
| 30640    | 1         | 2.53   | 21/2   | 3.16    | 33/16 | 5.69   | 511/16 | 5.77    | 53/4  | 0.91   | 15/16 | 2.46    | 27/16  |
| 30645    | 1 1/4     | 2.56   | 25/8   | 3.78    | 33/4  | 6.33   | 63/8   | 5.77    | 53/4  | 1.14   | 11/8  | 2.69    | 211/16 |
| 30650    | 1 1/2     | 2.67   | 21/16  | 3.98    | 4     | 6.65   | 63/8   | 6.12    | 61/8  | 1.36   | 13/8  | 3.02    | 3      |
| 30655    | 2         | 2.92   | 215/16 | 4.35    | 43/8  | 7.28   | 71/4   | 6.12    | 61/8  | 1.65   | 13/8  | 3.31    | 33/8   |

## Viega MegaPressG Ball Valve - Model 6675.3



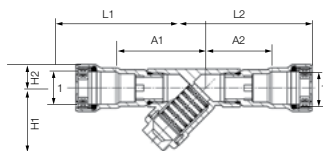
| Part No. | Size (in) | A (in) |       | A1 (in) |       | L (in) |       | L1 (in) |       | H (in) |       | H1 (in) |       |
|----------|-----------|--------|-------|---------|-------|--------|-------|---------|-------|--------|-------|---------|-------|
|          |           | Dec    | Frac  | Dec     | Frac  | Dec    | Frac  | Dec     | Frac  | Dec    | Frac  | Dec     | Frac  |
| 30630    | 1/2       | 4.00   | 4     | 2.62    | 25/8  | 6.62   | 63/8  | 4.57    | 49/16 | 1.99   | 2     | 0.89    | 7/8   |
| 30635    | 3/4       | 4.19   | 43/16 | 2.80    | 23/16 | 6.99   | 7     | 4.57    | 49/16 | 2.10   | 21/8  | 1.08    | 11/16 |
| 30640    | 1         | 4.53   | 41/2  | 3.16    | 33/16 | 7.69   | 77/16 | 5.77    | 53/4  | 2.46   | 27/16 | 1.18    | 13/16 |
| 30645    | 1 1/4     | 5.65   | 55/8  | 3.78    | 33/4  | 9.43   | 97/16 | 5.77    | 53/4  | 2.69   | 27/16 | 1.50    | 11/2  |
| 30650    | 1 1/2     | 5.59   | 59/16 | 3.98    | 4     | 9.57   | 99/16 | 6.12    | 61/8  | 3.02   | 3     | 1.50    | 11/2  |
| 30655    | 2         | 6.53   | 61/2  | 4.35    | 43/8  | 10.88  | 107/8 | 6.12    | 61/8  | 3.31   | 33/8  | 1.65    | 13/8  |

## Viega MegaPress FKM Swing Check Valve – Model 5974.2



| Part No. | Size (in) | H1 (in) |      | H2 (in) |      | L1 (in) |      | L2 (in) |      | A1 (in) |      | A2 (in) |      | Cv (US gal/min) |
|----------|-----------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-----------------|
|          | 1         | Dec     | Frac | Dec     | Frac | Dec     | Frac | Dec     | Frac | Dec     | Frac | Dec     | Frac |                 |
| 87200    | ½         | 1.65    | 1⅝   | 0.63    | ⅝    | 3.07    | 3⅛   | 3.07    | 3⅛   | 0.47    | ½    | 2.01    | 2    | 5.50            |
| 87205    | ¾         | 1.97    | 2    | 0.75    | ¾    | 3.35    | 3⅝   | 3.35    | 3⅝   | 0.55    | ⅞    | 3.35    | 3⅝   | 9.50            |
| 87210    | 1         | 2.28    | 2¼   | 0.91    | 1⅝   | 3.86    | 3⅞   | 3.86    | 3⅞   | 0.75    | ¾    | 2.48    | 2½   | 16.80           |
| 87215    | 1¼        | 2.72    | 2¾   | 1.10    | 1⅞   | 4.57    | 4⅞   | 4.57    | 4⅞   | 0.91    | 1⅝   | 2.76    | 2¾   | 27.50           |
| 87220    | 1½        | 2.72    | 2¾   | 1.10    | 1⅞   | 4.57    | 4⅞   | 4.57    | 4⅞   | 0.91    | 1⅝   | 2.76    | 2¾   | 40.80           |
| 87225    | 2         | 3.86    | 3⅞   | 1.34    | 1⅞   | 5.28    | 5¼   | 5.28    | 5¼   | 1.30    | 1⅝   | 3.31    | 3⅝   | 76.30           |

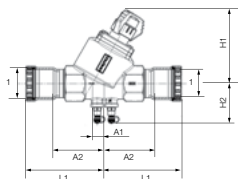
## Viega MegaPress FKM Strainer Valve – Model 5981.1



| Part No. | Size (in) | H1 (in) |      | H2 (in) |      | L1 (in) |      | L2 (in) |      | A1 (in) |      | A2 (in) |      | Cv (US gal/min) |
|----------|-----------|---------|------|---------|------|---------|------|---------|------|---------|------|---------|------|-----------------|
|          | 1         | Dec     | Frac | Dec     | Frac | Dec     | Frac | Dec     | Frac | Dec     | Frac | Dec     | Frac |                 |
| 87140    | ½         | 1.69    | 1⅞   | 0.63    | ⅝    | 3.50    | 3½   | 2.87    | 2⅞   | 2.44    | 2⅞   | 1.81    | 1⅞   | 3.7             |
| 87145    | ¾         | 2.01    | 2    | 0.75    | ¾    | 3.98    | 4    | 3.19    | 3⅝   | 2.83    | 2⅞   | 2.05    | 2⅞   | 6.2             |
| 87150    | 1         | 2.52    | 2½   | 0.91    | 1⅝   | 4.72    | 4¾   | 3.50    | 3½   | 3.39    | 3⅝   | 2.17    | 2⅞   | 8.3             |
| 87155    | 1¼        | 2.76    | 2¾   | 1.10    | 1⅞   | 5.51    | 5½   | 4.13    | 4⅞   | 3.66    | 3⅞   | 2.28    | 2¼   | 14.6            |
| 87160    | 1½        | 3.19    | 3⅞   | 1.22    | 1¼   | 5.83    | 5⅞   | 4.25    | 4¼   | 3.98    | 4    | 2.36    | 2⅞   | 21.4            |
| 87165    | 2         | 3.54    | 3⅞   | 1.46    | 1⅞   | 6.61    | 6⅞   | 4.57    | 4⅞   | 4.61    | 4⅞   | 2.60    | 2⅞   | 33.4            |

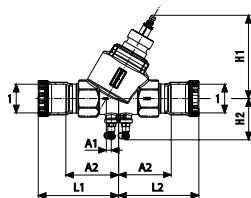


## Viega MegaPress Dynamic Auto Balancing Valve – Model 4881.7



| Part No. | Size (in)<br>1 | H1 (in) |      | H2 (in) |      | L1 (in) |      | A1 (in) |      | A2 (in) |      | Flow Range (GPM) | Cv (US gal/min) |
|----------|----------------|---------|------|---------|------|---------|------|---------|------|---------|------|------------------|-----------------|
|          |                | Dec     | Frac | Dec     | Frac | Dec     | Frac | Dec     | Frac | Dec     | Frac |                  |                 |
| 87335    | ½              | 3.47    | 3½   | 2.32    | 2¼   | 3.43    | 3¾   | 0.39    | ¾    | 2.32    | 2¼   | 0.26 - 4.75      | 3.02            |
| 87340    | ¾              | 3.47    | 3½   | 2.32    | 2¼   | 3.58    | 3¾   | 0.39    | ¾    | 2.40    | 2½   | 0.45 - 8.50      | 3.02            |
| 87345    | 1              | 3.58    | 3¾   | 2.44    | 2⅞   | 3.98    | 4    | 0.39    | ¾    | 2.40    | 2½   | 0.60 - 10.57     | 4.87            |
| 87350    | 1¼             | 4.37    | 4¾   | 2.76    | 2¾   | 4.80    | 4⅞   | 0.55    | ¾    | 2.84    | 2⅞   | 0.88 - 22.01     | 12.65           |
| 87355    | 1½             | 5.20    | 5¾   | 2.87    | 2⅞   | 5.43    | 5⅞   | 0.83    | 1¾   | 3.58    | 3¾   | 3.17 - 32.58     | 20.88           |
| 87360    | 2              | 5.20    | 5¾   | 3.11    | 3⅞   | 5.55    | 5⅞   | 0.83    | 1¾   | 3.58    | 3¾   | 3.96 - 45.57     | 23.55           |

## Viega MegaPress Pressure Independent Balancing and Control Valve – Models 4881.71 / 4887.72



| Part No.              | Size (in)<br>1 | H1 (in) |      | H2 (in) |      | L1 (in) |      | A1 (in) |      | A2 (in) |      | Flow Range (GPM) | Cv (US gal/min) |
|-----------------------|----------------|---------|------|---------|------|---------|------|---------|------|---------|------|------------------|-----------------|
|                       |                | Dec     | Frac | Dec     | Frac | Dec     | Frac | Dec     | Frac | Dec     | Frac |                  |                 |
| 4881.71 4887.72 87450 | 89955 ½        | 2.44    | 2⅞   | 2.24    | 2¼   | 3.43    | 3¾   | 0.39    | ¾    | 2.32    | 2¼   | 0.26 - 4.75      | 3.02            |
| 87395                 | 89960 ¾        | 2.64    | 2⅞   | 2.24    | 2¼   | 3.58    | 3¾   | 0.39    | ¾    | 2.44    | 2⅞   | 0.45 - 8.50      | 3.02            |
| 87400                 | 89965 1        | 2.76    | 2¾   | 2.32    | 2⅞   | 3.98    | 4    | 0.39    | ¾    | 2.64    | 2½   | 0.60 - 10.57     | 4.87            |
| 87405                 | 89970 1¼       | 3.35    | 3¾   | 2.68    | 2⅞   | 4.80    | 4⅞   | 0.55    | ¾    | 2.99    | 3    | 0.88 - 22.01     | 12.65           |
| 87410                 | 89975 1½       | 5.63    | 5⅞   | 2.80    | 2⅞   | 5.43    | 5⅞   | 0.83    | 1¾   | 3.58    | 3¾   | 3.17 - 32.58     | 20.88           |
| 87415                 | 89980 2        | 5.63    | 5⅞   | 3.03    | 3    | 5.59    | 5⅞   | 0.83    | 1¾   | 3.58    | 3¾   | 3.96 - 45.57     | 23.55           |

## **Q How would an inspector know they are looking at a good connection?**

**A** Good connections can be proven by performing a pressure test. This is the same procedure for threaded systems.

## **Q What steel pipe schedules can Viega MegaPress be installed with?**

**A** Viega MegaPress may be installed with schedule 5 to schedule 40 ASTM A53, ASTM A795, or ASTM A135 black steel pipe. National codes require the use of schedule 10 and schedule 40 ASTM A53 black steel pipe for fuel gas applications. All applications must be compliant with local code requirements.

## **Q Do I have to lubricate the pipe or the fitting?**

**A** No, Viega does not require lubrication of the pipe or the fitting.

## **Q Can I install Viega MegaPress fittings on epoxy coated pipe?**

**A** Yes, the surface of the pipe must be smooth before installing the fittings. Surface smoothing can be accomplished by using the RIDGID Pipe Prep tool or an abrasive sanding cloth.

## **Q Is Viega MegaPress approved for underground installation?**

**A** Yes, Viega MegaPress systems may be installed underground but must be protected per the national codes and the local authority.

## **Q What is the procedure for welding near a Viega MegaPress fitting?**

**A** When welding adjacent to a Viega MegaPress fitting, a minimum four inches of space should be allowed to avoid overheating and damaging the sealing element. When welding a fitting in line with a Viega MegaPress fitting, a minimum distance of three feet should be maintained. The Viega MegaPress fitting should also be protected from overheating through use of a cooling agent or welding blanket.

## **Q Can Viega MegaPress fittings be installed in a potable water application?**

**A** No, Viega MegaPress is not certified for potable water usage.

## **Q Can Viega MegaPress fittings be installed in a natural gas application?**

**A** Only Viega MegaPressG with HNBR sealing elements are certified by CSA to be installed in natural gas applications.

## **Q What is the maximum temperature that Viega MegaPressG, with HNBR sealing elements, can be exposed to?**

**A** Viega MegaPressG has been certified by CSA LC4 to withstand 1,000° F for one hour.

## **Q What is Smart Connect technology?**

**A** Smart Connect technology provides a quick and easy way to identify unpressed connections during the pressure-testing process. Unpressed connections are located by pressurizing the system with air or water. When testing with air or water, the pressure range is 15 psi to 85 psi maximum. The flow path is removed during the pressing process, creating a leakproof, reliable connection. Guaranteed.

## **Q Why is Smart Connect technology so valuable?**

**A** Smart Connect technology gives the user strong peace of mind. It allows for faster testing procedures since you do not have to shut down and drain the system. Costly damages and possible insurance claims and premiums can be avoided because it identifies unpressed connections before they can become a problem. Because of the time savings, projects stay on track.

## Viega MegaPress 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 including MegaPress, MegaPress FKM, MegaPress 304 FKM, MegaPress 316, and MegaPress 316 FKM (Viega Product) with application appropriate sealing element when properly installed in non-industrial and non-marine applications and under specified operating conditions of use shall be free from failure caused by manufacturing defects for a period of fifteen (15) years from date of installation. MegaPress valves, when properly installed and under normal conditions of use, will be free of failure from manufacturing defects for a period of five (5) years from date of installation.

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 on

the back page or telephoning 1-800-976-9819 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, and 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**.

## Viega MegaPressG 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 MegaPressG metal press fittings (Viega Product) with application appropriate sealing element when properly installed in non-industrial and non-marine applications and Viega MegaPressG Approved Applications for natural and fuel gases and lubricant, and approved fuels, lubricants, and oils, under Viega specified system operating conditions, shall be free from failure caused by manufacturing defects for a period of fifteen (15) years from date of installation. MegaPressG Valves, when properly installed and under normal conditions of use, will be free of failure from manufacturing defects for a period of five (5) years from date of installation.

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 1-800-976-9819 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, and 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**.

## Viega Metal Systems for Industrial Applications Limited Warranty

**Industrial applications are defined as non-residential and non-commercial applications not normally accessible to the general public, including manufacturing, mining, process or fabrication environments.**

Subject to the terms and conditions of this Limited Warranty, Viega LLC (Viega) warrants to end users, installers, and distribution houses that its Viega metal press products (Viega Product) when properly installed in industrial applications shall be free from failure caused by manufacturing defects for a period of two (2) years from date of installation.

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 sold by Viega; (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) improper handling and protection of the Viega Product prior to, during, and after installation; inadequate freeze protection; or exposure to environmental or operating conditions not recommended for the application; or (4) acts of nature, such as, but not limited to, earthquakes, fire, flood, lightning, or weather damage. Final approval as to use compatibility to a specific process or fluid application is the responsibility of the engineer of record or responsible design/facilities personnel, and this Limited Warranty only applies to manufacturing defects in the Viega Product.

In the event of a leak or other failure in the Viega Product covered by this warranty, it is the responsibility of the end user to take appropriate measures to diminish 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 on the back page or telephoning 1-800-976-9819 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; and 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 to which 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 CONSEQUENTIAL OR OTHER DAMAGE (FOR EXAMPLE, ECONOMIC LOSS OR WATER, 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 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.



**Viega LLC**

585 Interlocken Blvd.  
Broomfield, CO 80021

Ph: 800-976-9819  
Fax: 800-976-9817  
[www.viega.us](http://www.viega.us)

