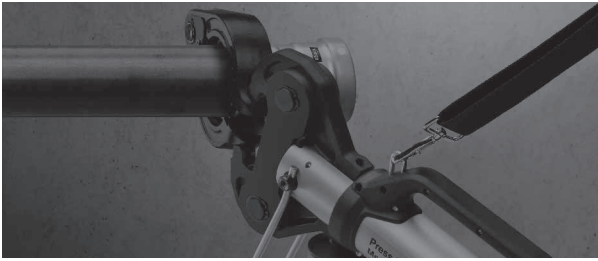


## Product Instructions

# Viega MegaPress® ½" to 2" and MegaPress FKM ½" to 4" Fittings

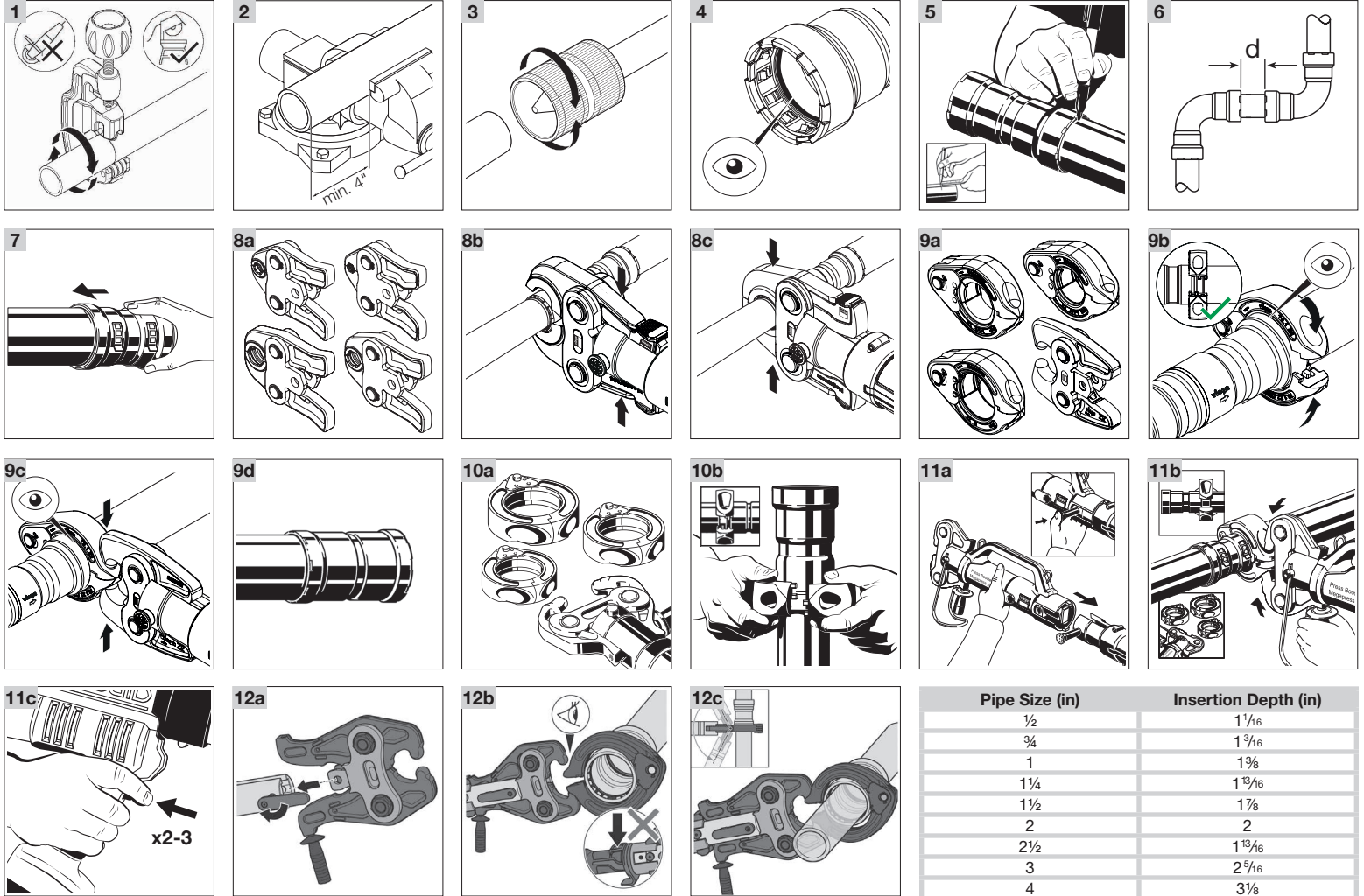


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## EN Product Instructions Viega MegaPress ½" to 2" and MegaPress FKM ½" to 4" Fittings

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

PI-MP 531440 0324 MegaPress ½ to 4



Pipe Size (in)	Insertion Depth (in)
½	1 <sup>1</sup> / <sub>16</sub>
¾	1 <sup>3</sup> / <sub>16</sub>
1	1 <sup>5</sup> / <sub>16</sub>
1¼	1 <sup>13</sup> / <sub>16</sub>
1½	1 <sup>7</sup> / <sub>8</sub>
2	2
2½	1 <sup>13</sup> / <sub>16</sub>
3	2 <sup>5</sup> / <sub>16</sub>
4	3 <sup>1</sup> / <sub>8</sub>

### EN

## Viega MegaPress ½" to 2" and MegaPress FKM ½" to 4" Fittings

**!** 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.**

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

- 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 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

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

**Warning!**

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.
- 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**

- 11a** 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.
- 11b** 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.
- 11c** Hold the trigger until the PressBooster 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. Once the press is complete, release the PressBooster from the MegaPress XL ring and then remove the MegaPress XL ring from the fitting.

**Pressing with MegaPress Z3 Actuator**

- 12a** 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.
- 12b** 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.
- 12c** 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. Once the Z3 actuator releases, remove it from the MegaPress XL ring and then remove the MegaPress XL ring from the fitting.