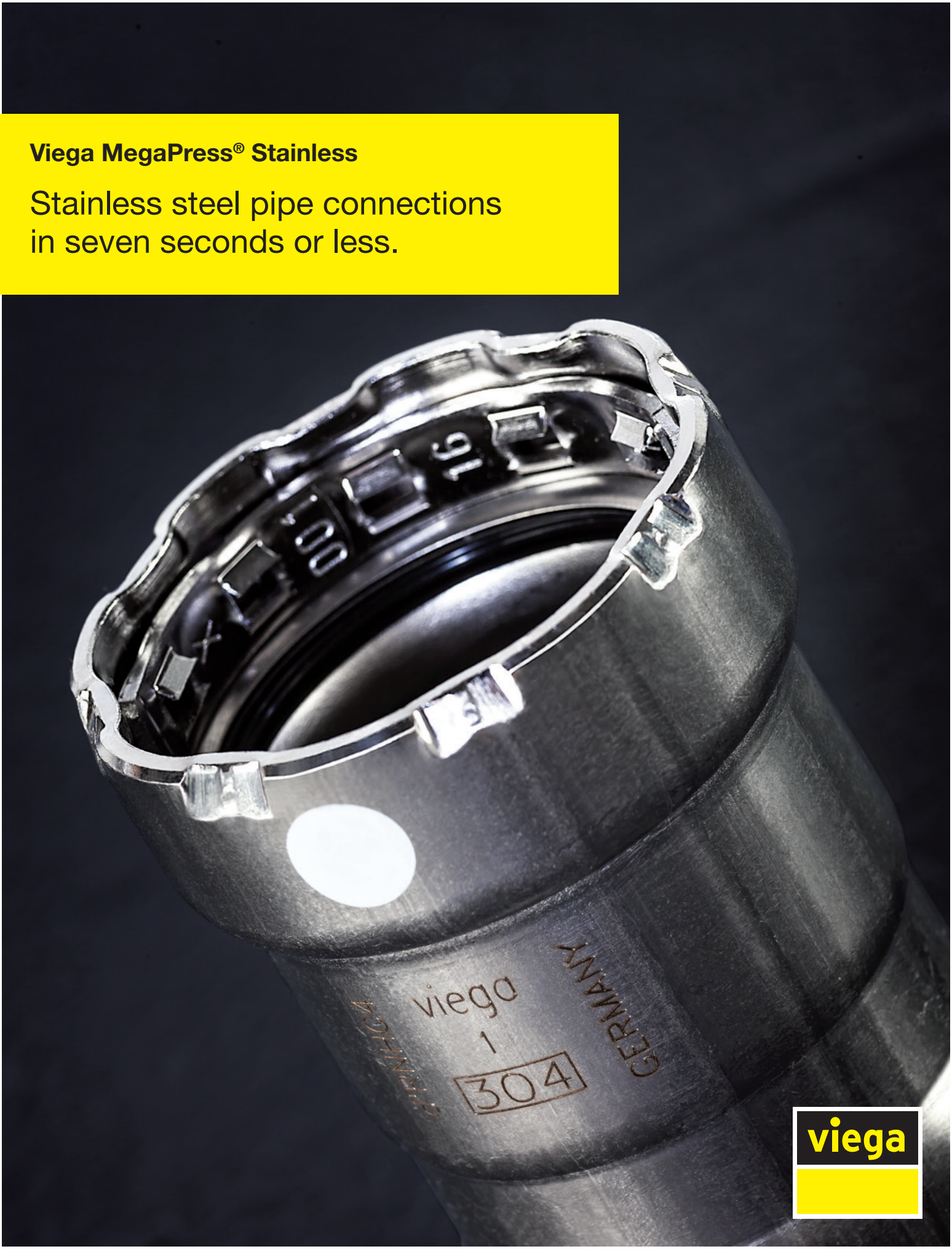
Viega MegaPress® Stainless

Stainless steel pipe connections in seven seconds or less.



Viega MegaPress® Stainless

FASTER PIPE CONNECTIONS KEEP REVENUE FLOWING.

CONNECT IN 7 SECONDS OR LESS

PIPING TAKES TIME AND TIME IS MONEY.

In industrial operations, stainless steel piping systems are an essential part of the infrastructure. However, during periodic maintenance, repair or modification to these systems, production will often need to shut down. Whether it's a single operation or the entire plant, the likely result is major revenue loss.

Welding and pipe threading are two accepted ways to make stainless steel pipe-to-fitting connections. But both can extend production downtime unnecessarily because of the time-consuming process, equipment and precautions needed for each connection. There is a better way – Viega MegaPress Stainless fittings.

CONNECTIONS IN 7 SECONDS OR LESS WITH NO SPARKS AND NO MESS.

Using a tool and press jaws specifically designed for Viega MegaPress IPS Stainless fittings, one person can easily make connections, significantly decreasing time and labor. Just cut, properly prepare and mark the pipe, insert the fitting, apply the jaws and pull the trigger. In seven seconds or less, the connection is complete. The Viega MegaPress Stainless solution will cut installation time by 50%-90%, dramatically reducing the potential for downtime and lost revenue.

Welding

Welding requires a skilled specialist with heavy-duty equipment. For safety, fire watches and hot work permits are often needed. In addition, welding may also require the additional material and expense of filler metal to ensure a solid connection. And, in many settings, the open arc requires other special precautions to protect both people and processes.

Threading

Pipe threading is very time and labor intensive. Pipe ends must be reamed, threaded and finished off with thread sealant. And, because of the space required for equipment and the risk of contamination caused by cutting oil or filings, threading often has to be done in a remote area, and brought to the installation site.

Viega
MegaPress

Viega's flame-free technology is safe in any environment. And quality is assured, because the patented Smart Connect® feature makes it easy to identify any connection that has been left unpressed. When system maintenance is required, Viega MegaPress Stainless is the safest, neatest and fastest way to get production back online, and keep revenue flowing.

THE ORIGINAL PRESS FITTING TECHNOLOGY.

Viega is the leading innovator in press fitting technology, with millions of MegaPress and ProPress fittings installed worldwide in residential, commercial and industrial applications. Compared to any other pipe joining system, Viega fittings make it easier to keep projects on time and on budget.

Grip Ring and Separator Ring ensure a strong connection and protect the sealing element from abrasion.

304 and 316 Stainless Steel Casings available for use with off-the-shelf IPS stainless pipe, Schedule 10 through Schedule 40.

MegaPress Stainless fittings work with existing MegaPress jaws and ring sets. Visit www.yourviega.us for special pricing on new tools and fittings.

Sealing elements: FKM standard on 304 stainless fittings; EPDM standard on 316 stainless fittings.

Smart Connect, an exclusive quality control feature, makes unpressed fittings easy to detect during pressure testing.

Types of Service	System Operating Conditions			MegaPress Stainless	
	Comments	Pressure	Temp.	**304** FKM	**316** EPDM
Fluids/Water					
Hot and Cold Potable Water		200 PSI	32°F–250°F		•
Fire Sprinkler		175 PSI	Note 3	○	
Chilled Water	Ethylene Glycol/Propylene Glycol	200 PSI	Note 3	○	•
Hydronic Heating	Ethylene Glycol/Propylene Glycol	200 PSI	Note 3	○	•
Cooling Water	Up to 50% Ethylene Glycol or Propylene Glycol solution	200 PSI	Note 3	○	•
Deionized Water		200 PSI	158°F		•
Low-Pressure Steam		Up to 15 PSI	248°F	○	•
Isopropyl Alcohol		200 PSI	75°F		•
Nitric Acid	10%	200 PSI	73°F	○	•
Phosphoric Acid	25%	200 PSI	Ambient		•
Parrafin Wax		200 PSI	100°F	○	
Fuel, Oil and Lubricant					
Heating Fuel Oil		125 PSI	Note 3	○	
Diesel Fuel		125 PSI	Note 3	○	
Ethanol	Pure Grain Alcohol	200 PSI	Note 3		•
Kerosene		Note 3	68°F	○	
Lube Oil	Petroleum Based	200 PSI	Note 3	○	
Gases					
Compressed Air	Less than 25 mg/m^3 oil content	200 PSI	Note 3	○	•
Compressed Air	More than 25 mg/m^3 oil content	200 PSI	Note 3	○	
Oxygen – O2 (non-medical)	Keep oil and fat free/non-liquid O2	140 PSI	Up to 140°F		•
Nitrogen – N2		200 PSI	Note 3	○	•
Ammonia	Anhydrous	200 PSI	122°F	○	
Acetylene		200 PSI	86°F	○	•
Hydrogen – H2		125 PSI	0°F–250°F		•
Vacuum		29.2 inch Hg	Note 3	○	•

1. All systems are recommended to be clearly labeled with the fluid or gas being conveyed. For further information, please consult Viega Technical Services.
2. All Viega systems must be used with the manufacturer's recommended sealing element. Contact your local Viega representative or Viega Technical Services for application temperature, pressure and concentration limits.
3. System pressure and temperature ranges depend on sealing element.

This document is subject to updates. For the most current Viega literature, please visit www.viega.us.

A green dot • on a Viega ProPress, MegaPress and PEX Press polymer fitting indicates the Smart Connect feature with an EPDM sealing element.
A yellow dot • on a Viega ProPressG and MegaPressG fitting indicates the Smart Connect feature with an HNBR sealing element.
A white dot ○ on a Viega ProPress (304 FKM) fitting indicates the Smart Connect feature with an FKM sealing element.

For a current list of applications, please visit www.viega.us/applications.

Viega LLC
Mountain View Corporate Center
Building 1, Suite 395
12303 Airport Way
Broomfield, CO 80021

phone: 800-976-9819
email: insidesales@viega.us
web: www.viega.us

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