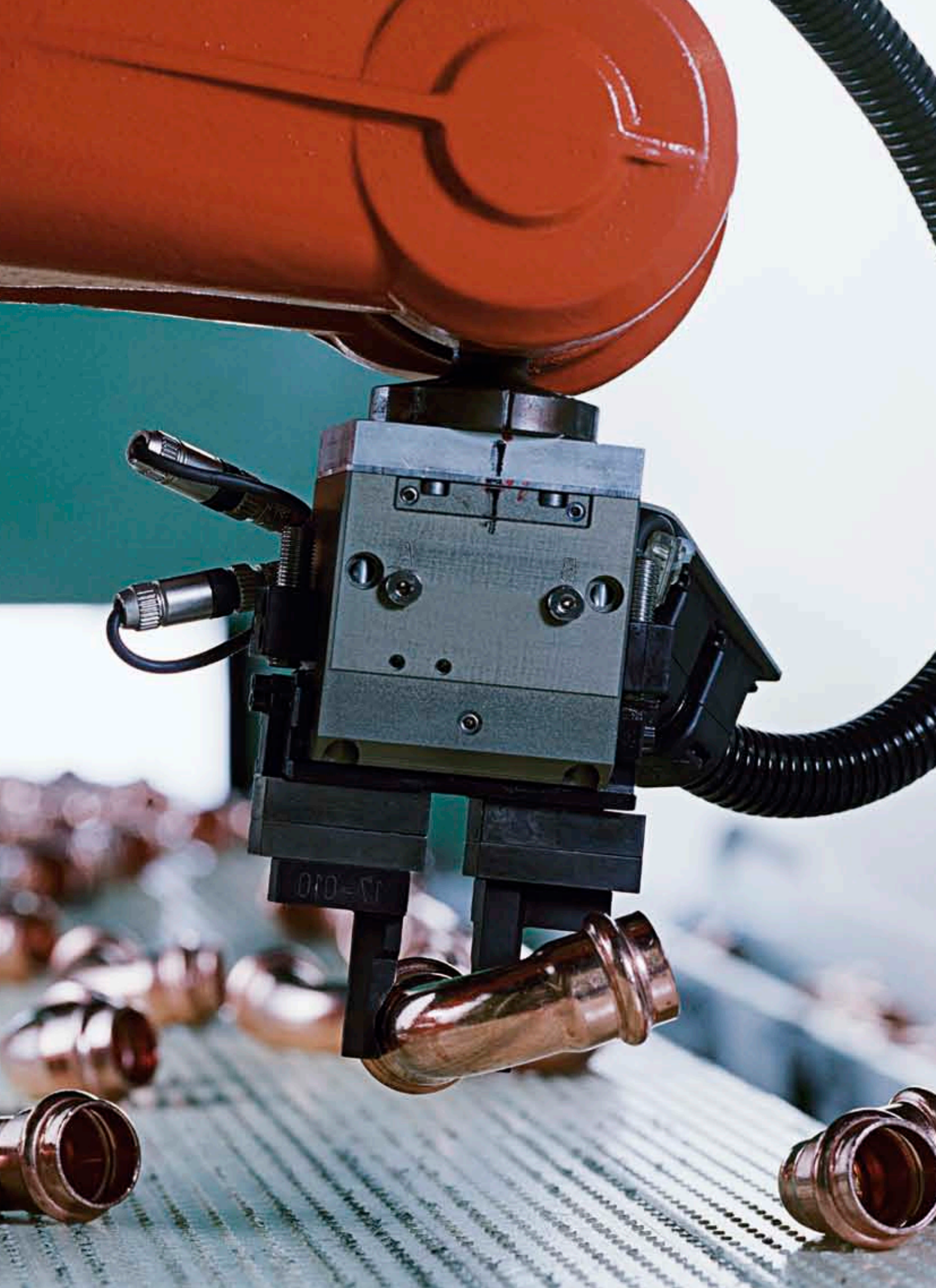




# Viega Propress

Efficient copper press technology.  
Made in Germany.

**viega**



# Viega. A better idea!

## **Family tradition**

The name Viega stands for a family company which set high standards from the word go. Product quality, client proximity, reliable delivery and service performance – all these standards are imposed company-wide. One thing is for certain: you need more than a good idea to compile an international success story. Courage, delight in innovation and passion are that qualities that, for good reason, have shaped the company for 100 years.



## **Competence and variety**

In the meantime, more than 16,000 products belong to the Viega portfolio. Products, which not only represent a unique selection for this sector, but are also of exceptional quality. The reason: Viega combines everything: excellently trained employees, the best raw materials, highly modern production sites – at all five factories, in Germany and the USA.

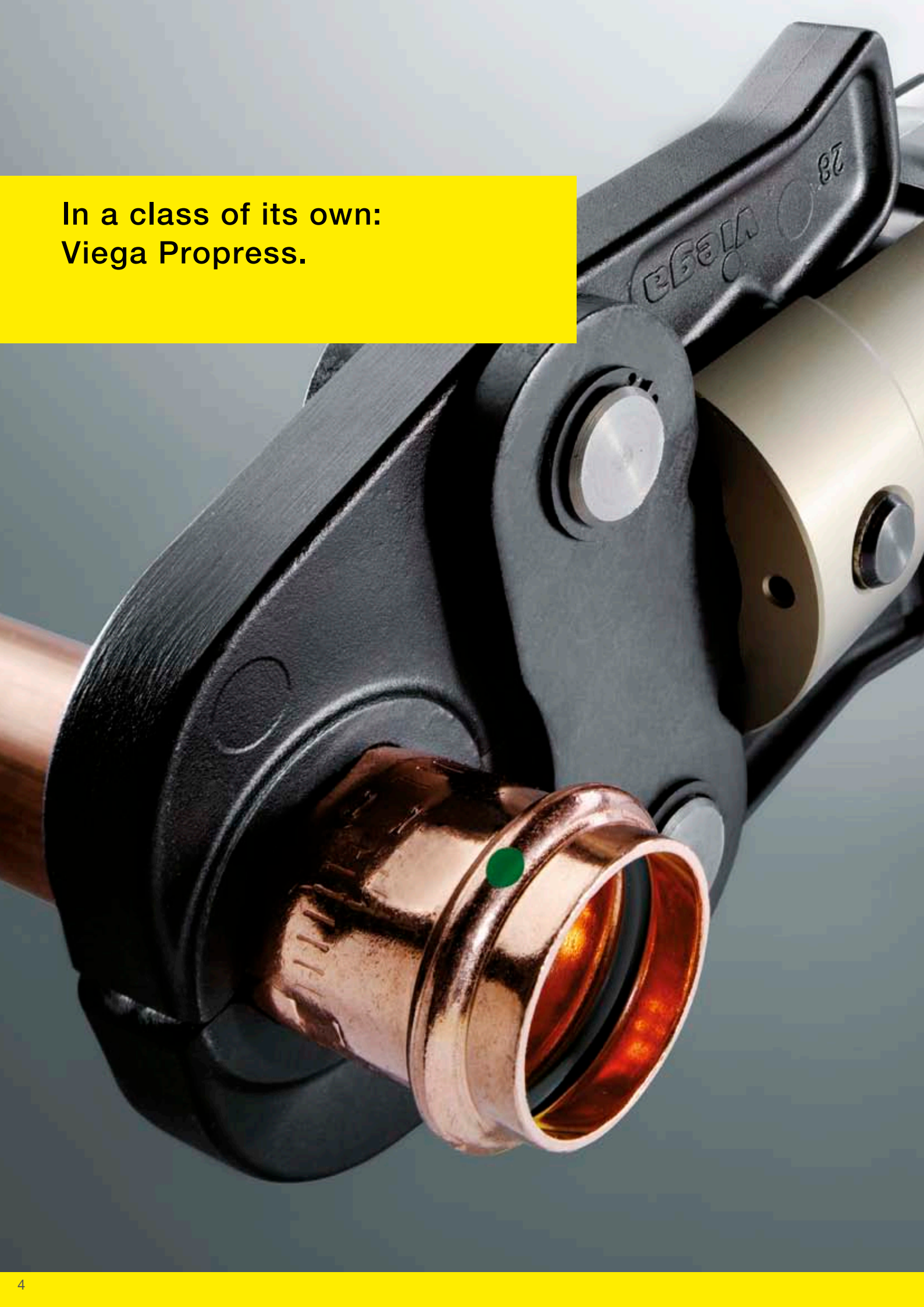


## **Systematic and precise**

A total of over 16,000 items are available, being selected, coded, packaged and dispatched using an efficient logistics concept. The system is in place – as is everything at Viega. Not only are our processes integrated, but also our products. Press technology is a strong foundation for this – one of Viega's many innovations. The best example are the piping systems featured here. True to our mantra: Viega. A better idea!



**In a class of its own:  
Viega Propress.**



**Viega Propress – the name stands for efficient press technology and exceptionally reliable material quality. This system also sets standards for safety and easy installation.**

**Flexibility for all dimensions**

Viega Propress offers the highest degree of flexibility for gas and drinking water installations. This is guaranteed with multiple components that are suitable for dimensions from DN 15 to DN 100. Each individual component benefits from a unique safety factor: the Viega Smart Connect-Feature (Fig. 1).



**Uncompromising quality made of copper**

Viega consistently relies on the ultra hygienic material of copper for Propress (Fig. 2). This material facilitates hygienic installation and guarantees reliable material quality, a long lifespan and tremendous versatility.

**Safe connection**

Another important aspect of Viega press systems is the press machine (Fig. 3). This enables double pressing of each

connection at the front and behind the sealing element bead. The tools provide a reassuring acoustic sound of a professional installation.

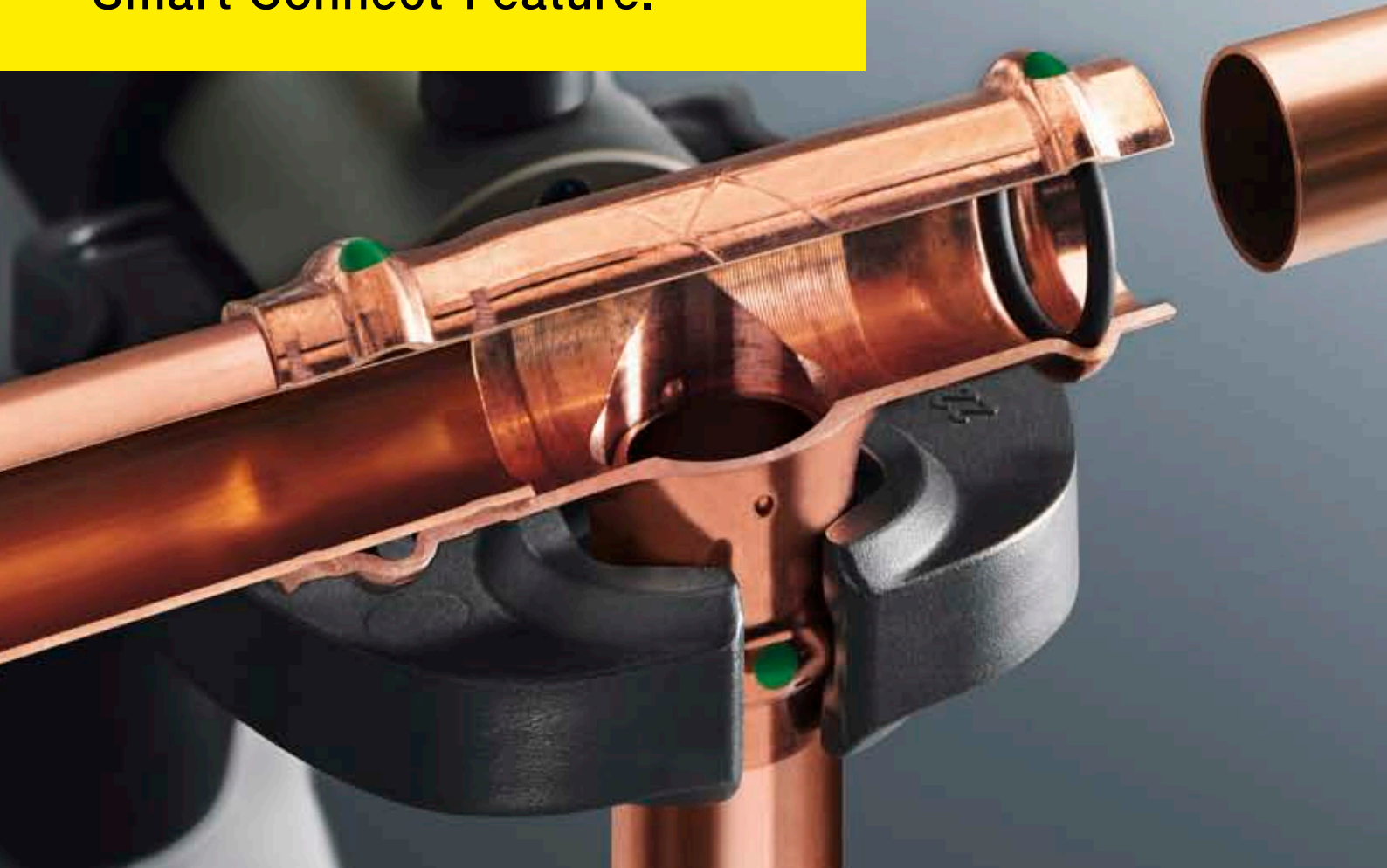
**Mistakes are out of the question**

All Viega Propress fittings are hygienically packed and supplied in a bag. Distinctive colour coding on the packaging means mistakes are out of the question. Similarly, coloured dots are also marked on the products: green stands for drinking water and yellow for gas.



# Reliable technology: Viega press fittings with Smart Connect-Feature.

**Smart Connect-  
Feature**  
by Viega 



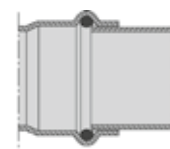
**All Viega press fittings offer a unique safety factor: the Viega Smart Connect-Feature. Thanks to this technology, which has been tried and tested a million times, unpressed fittings are guaranteed to leak during the pressure test.**



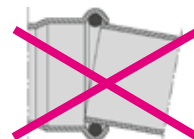
Above: sealed by pressing.  
Below: visibly unpressed.

## We guarantee: Unpressed fittings are visibly permeable

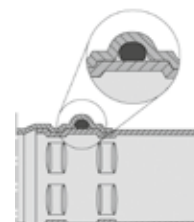
Viega press fittings with Smart Connect-Feature work with both compressed air and water. If the connection has a leak, the “dry” leakage test will show a visible pressure decrease over the entire pressure range from 2,2 kPa to 300 kPa. If the leakage test is carried out with water, this visibly escapes from the unpressed fittings in the pressure range of 100 kPa to 650 kPa. Another advantage of the Viega press connection is the cylindrical pipe insertion. This prevents damage to the sealing element during the assembly process.



The cylindrical pipe insertion: an important safety feature of the Viega fitting.



Damage to the sealing element is prevented.



The double-pressed Viega fitting guarantees long-lasting security.

## Twice the time savings: Viega press technology.

Viega press technology combines long-term safety with rapid installation. There is a up to 75% time saving compared with conventional brazing.

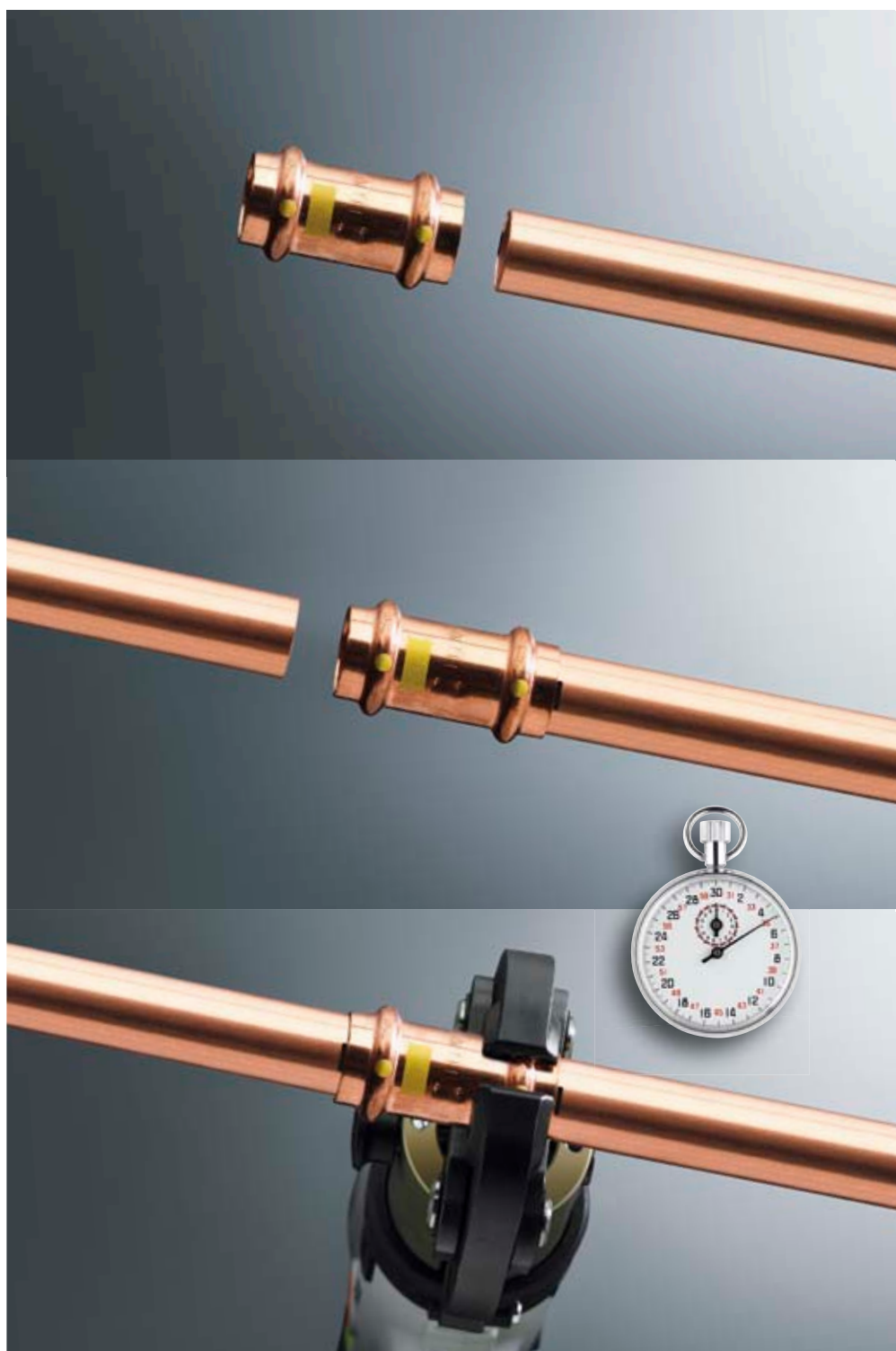
### Fast assembly in three steps

Viega press technology integrates just three work steps: after shortening the pipe, the press fitting is mounted and the insertion depth is checked – then, the press tool is used. Position, press and job done!

### Double pressing in a single work step

Viega press tools can complete two press connections in a single step – one in front of the bead and one behind. This not only ensures permanent stability. Completing a job is also possible within seconds – and no fire hazards or requirement for time consuming fire safety precautions!

- A million times over – tried and tested technology!
- Guaranteed to leak when unpressed due to the Viega Smart Connect-Feature
- Cold connection technology, no fire hazard
- Press connection reliable over the long term
- Installation in just three steps, no drying time
- Up to 75% time saving compared with brazing



Two for all eventualities:  
Viega press tools.





Press tools from Viega are impressive thanks to their TÜV-approved quality seal which is tested under the most stringent conditions. Long service intervals also provide greater cost effectiveness.

**Light, practical and fast:  
Viega Pressgun 4B**

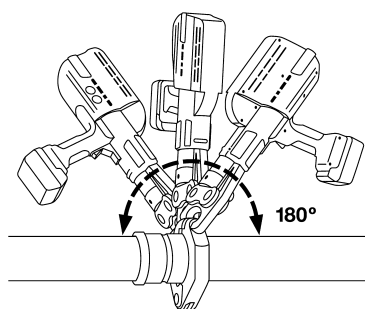
The Pressgun 4B is a top quality press tool that is ready for use. It is lighter, faster and easier to handle. The battery powered device (18 V) battery-operated machine has a state-of-the-art lithium-ion battery and is suitable for the dimensions DN 15–DN 100. It is compatible with all Viega press jaws and with a pressing interval of approx. 3 seconds; this is one of the quickest tool of its kind. The exceptional price-performance ratio is also demonstrated by low maintenance requirements. A service check is only required after 32,000 pressings.

**Small, light and flexible:  
Viega Pressgun Picco**

As the name suggests, the Picco is genuinely small. The Viega Pressgun Picco for dimensions up to DN 32 is distinguished by its extra small dimensions and light weight of 2.5 kg. With the 180° rotatable head it is flexible and can be used for any type of job. The practical Picco case is supplied with the press machine and two jaws. Additional press jaws can also be stored.

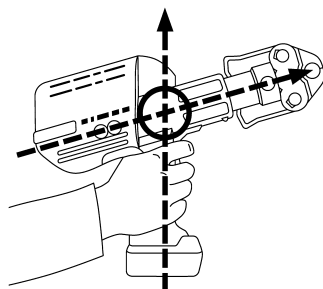
**A flexible all-rounder: hinged function and the rotatable head**

Viega press tools offer maximum flexibility thanks to the press rings with hinged function combined with the 180° rotatable head for the dimensions DN 15–DN 100. This enables access even to those places, which are not easy to reach, e.g. connection points in pipe ducts and pre-wall installations.



**All-round comfort: single-handed operation**

Viega press tools have especially compact dimensions and minimal weight that is also evenly distributed. Combined with the ergonomic pistol shape, Viega press tools are easy, quick and safe to operate – all that, using only one hand!



- High-performance lithium-ion battery
- Compact dimensions and lightweight
- Ergonomic pistol shape for extra-light, single-handed operation
- 180° rotatable head and press rings with hinged function for even more flexibility
- Maintenance only required after 32,000 pressings

## Optimum conditions for best drinking water quality: Viega Propress.



**Cold or hot water – Viega Propress offers the right components for every drinking water installation – of course, with certified quality.**



### **Certified quality**

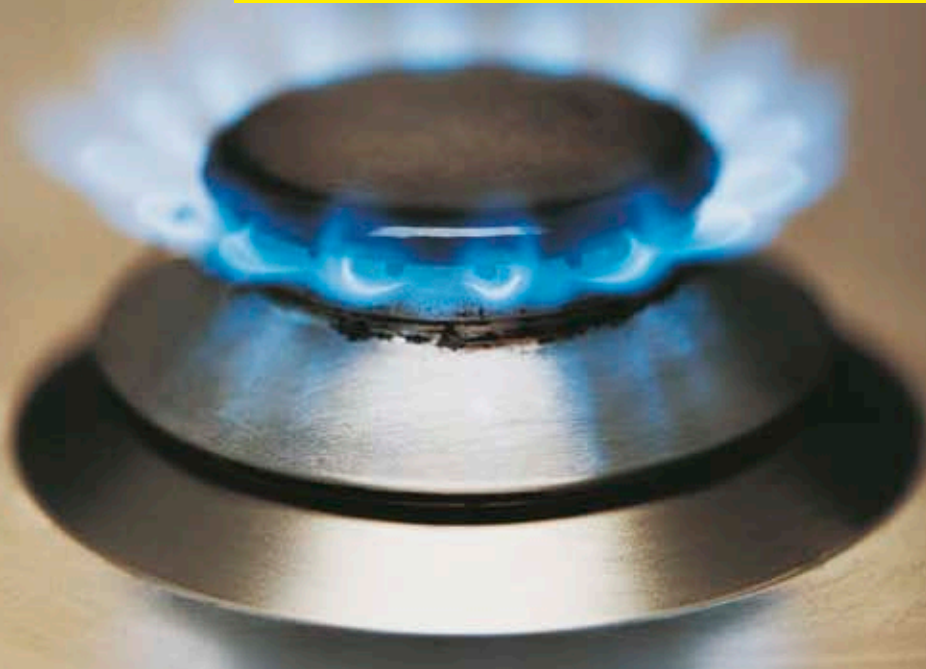
Thanks to high quality materials and components, Viega Propress provides drinking water installations that are corrosion-resistant and sealed over the longer term. The system has WaterMark certification in accordance to AS 3688 standard, license No. LN21120. This requires testing to AS/NZS4020, which guarantees peace of mind when used for the drinking water installations. Viega Propress is therefore approved for the Australian market with dimensions DN 15 to DN 100 for connection of AS 1432 copper tube; types A, B and C.

### **Unmistakeable Propress**

Viega Propress products for drinking water installations are easy to identify from the green dot on the bead and are fitted with a black EPDM sealing element. The high-quality sealing element is designed to withstand temperatures of –20 degrees Celsius to 110 degrees Celsius and is pressure-resistant up to 1600 kPa.

- **Versatile system made of hygienic and anti-corrosive copper**
- **Certified and approved for the entire Australian market**
- **Suitable for connection of type A, B and C copper tube in dimensions DN 15 to DN 100**

## Maximum safety for gas installation: Viega Propress G.



**Safety is a top priority for gas installations. Propress G ensures that installation specialists already work to the right safety standards throughout the installation procedure. Thanks to Viega, using the patented press technology ensures complete installations can be finished amazingly fast, efficiently and, most importantly, with no fire hazards. Brazing is yesterday's technology!**



### **Virtually manipulation proof**

Once Viega Propress fittings have been pressed, they can no longer be separated. This makes the press connections virtually impossible to manipulate or interfere with. Another safety bonus: thanks to the Viega Smart Connect-Feature, is that unpressed Propress G fittings are visibly leaky during a leakage test.

### **Mistakes are out of the question**

The yellow dot on the bead, a yellow rectangle with the word "GAS" as well as yellow HNBR sealing element make the Viega Propress G visually distinctive and clearly identifiable. The yellow packaging is also easily distinguished at a glance from the Viega Propress components for drinking water installation.

### **Quality assured reliability**

Viega Propress G has a yellow HNBR sealing element designed to withstand temperatures from -40 to 70 degrees Celsius as well as a maximum pressure of 1000 kPa. The system is approved for the entire Australian market – in dimensions DN 15 to DN 100 for connection of AS 1432 copper tube; types A and B.

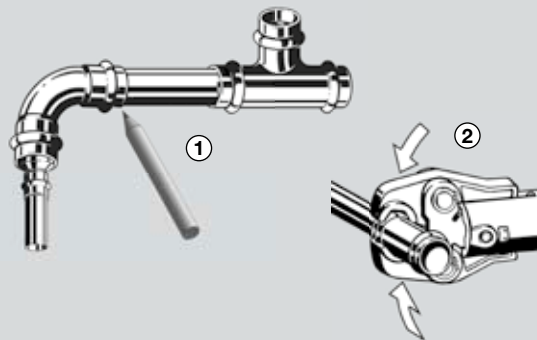
- System is virtually impossible to manipulate or interfere with
- Certified and approved for the entire Australian market
- Suitable for connection of type A and B copper tube in dimensions DN 15 to DN 100
- Suitable for use with gas, liquid gas, compressed air, oil

# Infinite possibilities: 10 tips for working with Viega Propress.

## Tip 1

Fittings (DN 15–DN 50) generally apply sufficient hold so you can assemble the components first, then work quickly and efficiently from one end to the other with the pressing tool.

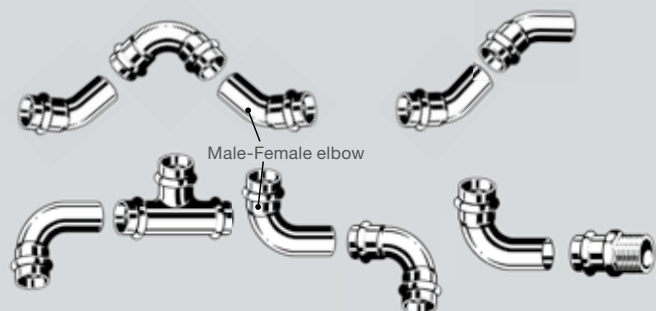
- 1 Assemble and witness mark.
- 2 Work from one end of the assembly to the other pressing fittings as you go.



## Tip 2

Create a myriad of different shaped bends using the MALE-FEMALE ELBOWS.

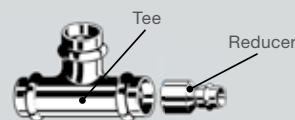
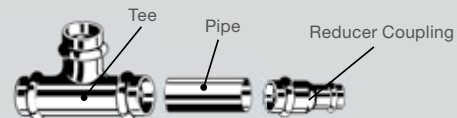
Utilising the male-female elbows wherever practical can reduce the number of joints and installation costs and also reduce offset distances.



## Tip 3

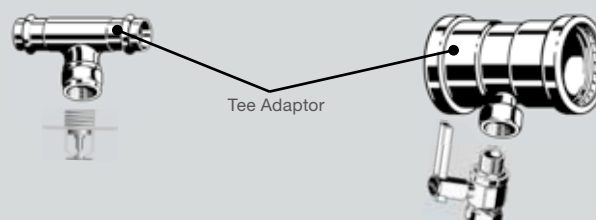
To reduce the line size, use a “REDUCER” not a “REDUCING COUPLING (No.1R)”.

This will also be much more cost effective, particularly with XL fittings (DN 65, 80 and 100).



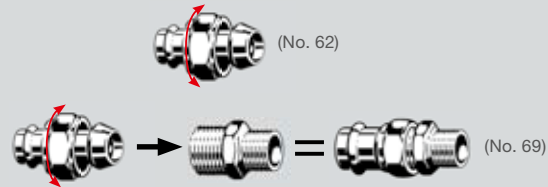
## Tip 4

Use the Tee Adaptor for sprinkler services or when cutting into a line for valves, gauges, etc.



**Tip 5**

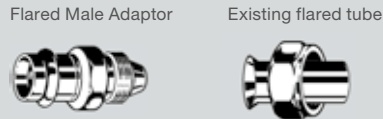
Viega Union (No. 62) & (No. 69). These are loose nut unions with tapered seats which allow connection and/or disconnection of the joint after pressing.



Note: No. 62 available in sizes DN 15 & 20. No. 69 available in sizes DN 25–50.

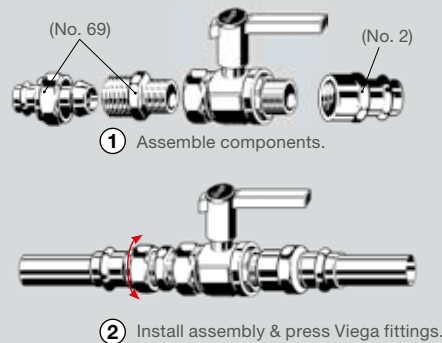
**Tip 6**

Use a “Flared Male Adaptor” for joining to existing flared tube fittings.



**Tip 7**

As no heat is required for Viega fittings, apply thread tape and install threaded fittings to each side of a valve on the ground or bench. Then fit the assembly into position, press the Viega fittings.



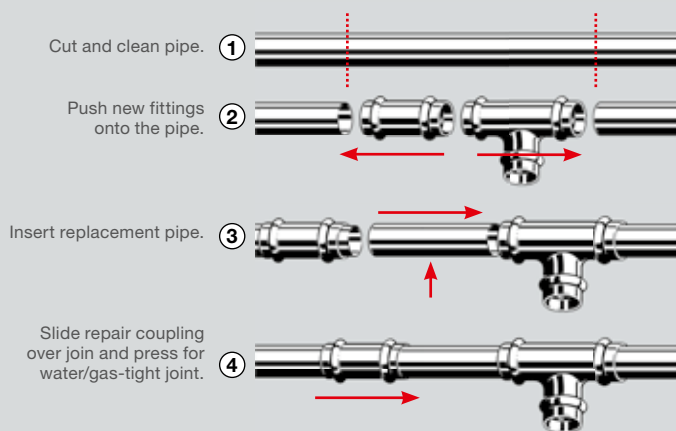
**Tip 8**

Pre insulate the copper tube, because no heating is needed for joins, the insulation will not suffer heat damage.



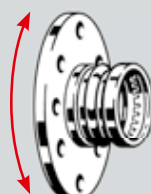
**Tip 9**

Use a repair coupling to replace damaged pipe or when installing a new fitting to existing pipe. Note: In some cases two repair couplings may be required.



**Tip 10**

Flange couplings can be freely rotated to allow for bolt alignment.











# Viega Propress. Overview of all products.

The following overview of individual elements from the Propress product line illustrates the wide range of possible uses. The specified number is

the model number and describes the shape of the fitting or component. The dots before the model number indicate possible applications. Green stands for

drinking water and yellow for gas. More detailed information is available from the model number index in the product catalogue.

	<ul style="list-style-type: none"> <li>● 0716</li> <li>● 0816</li> </ul>		<ul style="list-style-type: none"> <li>● 0718</li> <li>● 0818</li> </ul>		<ul style="list-style-type: none"> <li>● 0715.5</li> <li>● 0815.5</li> </ul>
	<ul style="list-style-type: none"> <li>● 0716.XL</li> <li>● 0816XL</li> </ul>		<ul style="list-style-type: none"> <li>● 0718XL</li> <li>● 0818XL</li> </ul>		<ul style="list-style-type: none"> <li>● 0715.5XL</li> <li>● 0815.5XL</li> </ul>
	<ul style="list-style-type: none"> <li>● 0716.1</li> <li>● 0816.1</li> </ul>		<ul style="list-style-type: none"> <li>● 0717.2</li> </ul>		<ul style="list-style-type: none"> <li>● 0715.1</li> <li>● 0815.1</li> </ul>
	<ul style="list-style-type: none"> <li>● 0716.1XL</li> <li>● 0816.1XL</li> </ul>		<ul style="list-style-type: none"> <li>● 0717.2XL</li> <li>● 0817.2XL</li> </ul>		<ul style="list-style-type: none"> <li>● 0815.1XL</li> </ul>
	<ul style="list-style-type: none"> <li>● 0726</li> <li>● 0826</li> </ul>		<ul style="list-style-type: none"> <li>● 0711</li> <li>● 0811</li> </ul>		<ul style="list-style-type: none"> <li>● 0765</li> <li>● 0865</li> </ul>
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● 0759.5XL  
● 0859.5XL



0796.6



● 0725.5  
● 0825.5



0729.65



● 0732.1



0769



0786.1



0796.1



0796.2



0799.9



0748.9



0796.2XL



0797.3XL

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