



# Viega Prestabo

Press systems made of galvanised steel in 12 to 108 mm dimensions.



# 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 – and that at all five factories, in Germany and the USA.

## **Systematic and Precise**

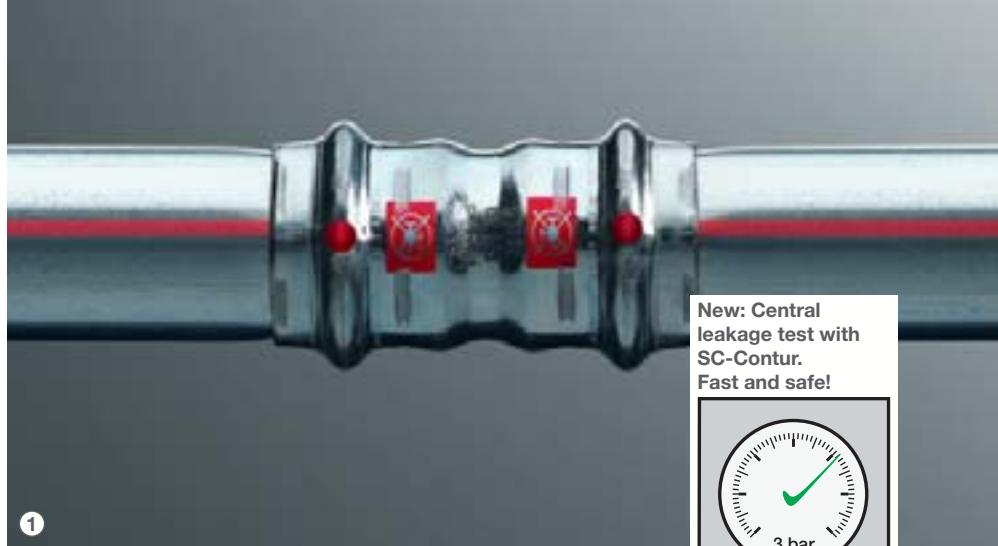
A total of over 16,000 items are available, being selected, coded, packaged and dispatched using an efficient logistics concept. The system is in place – as for everything at Viega. Not only are our processes integrated, but also our products. Press technology is a strong foundation for this – one of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



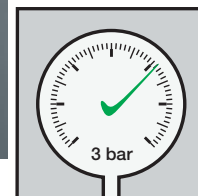
**Galvanised steel plus SC-Contur.  
The ideal combination of cost-efficiency and safety:  
Viega Prestabo.**







New: Central leakage test with SC-Contur. Fast and safe!



### Galvanised – for system reliability

Cost-effectiveness is an increasingly important factor for installation of complex heating systems, closed cooling circuits and compressed air systems. Viega Prestabo was especially developed to meet these challenges. With externally galvanised steel (1.0308), Prestabo is manufactured from a tried-and-tested material. With its comprehensive product range, you can opt for a system with a vast range of potential uses.

### Identification – safety at a single glance (2)

Viega Prestabo is not suited for drinking water installation systems! That's why Prestabo products all have the distinctive red identification mark: the icon and the red point on the press connectors, the red identification line on the pipes and the red caps. Additionally, identifying stickers are fixed on the light-red Prestabo plastic packaging. See for yourself: it's impossible to make a mistake.

### Pressing with the safety factor

The superior press connection is thanks to rapid assembly – within seconds. For Prestabo, as with all the Viega Press systems, there is also another safety factor: the Viega SC-Contur.

### Central leakage test thanks to the SC-Contur (1)

As the first manufacturer on the market, Viega guarantees the safety of the dry “central leakage test”, as long as fittings and connectors are installed with Viega SC-Contur. In this case, the 15 bar wet load test of the pipe can be forgone, if a dry leakage and load test was previously carried out in accordance with the ZVSHK guideline. This saves time and gives extra comfort, as there is no need for the usual visual check of the individual press connections, and you can detect the installation's leak tightness centrally with the test manometer. Also, the dry leakage test offers hygiene benefits, thanks to the avoidance of stagnant water in pipes once installation is complete and prior to the system's start-up. Every Prestabo connector is fitted with a high-quality sealing element that is protected against damage by the cylindrical pipe.

### Double safety with patented tool

Cost-effectiveness without safety is unworkable. The press machine is another integral part of the safety concept of all Viega Press systems. For each individual work phase, the press machine completes two pressings in a single go – one in front of and one behind the crimp. The result is a permanently sealed connection.



②



Maximum flexibility is achieved with the swivel function in 12 sizes.



**Viega Prestabo. The practical complete system in 12 to 108 mm dimensions.**

The Prestabo-chamfer for professional stripping of the white plastic coat.



### **Convincing range – comprehensive and practical**

All Prestabo products are available for you in 12 to 108 mm dimensions. For pre-wall installation, special coated pipes in 15 to 54 mm dimensions are also available. This makes Prestabo a practical, complete system, so that you always have the right solution to hand – even for special uses such as sprinkler or compressed air installations. And the Prestabo system is constantly being expanded for closer alignment to market needs. Typical for Viega: system versatility with flexibility.

### **Precise planning thanks to 64 mm intermediate size**

True to the motto “A better idea!”, Viega is the first supplier to supplement all XL dimensions up to 108 mm with a 64-mm intermediate size. This enables you to optimize both your space requirement and installation costs.

### **Minimum space: maximum flexibility (1)**

In particular, for difficult work situations, the practical, complete Viega solution is ideal. With the new generation of press guns, you can even complete safe pressings in tight spaces, as they have hinged press jaws with patented swivel function. The rotating jointed head makes work easy even in confined spaces and offers you maximum flexibility in conjunction with the 12 press rings.







#### Always the best solution

A product range is only as good as the choices it offers you. With the Viega Prestabo complete system, you have the right solution for every imaginable job. Prestabo is, like all Viega systems, consistently designed for practical jobs – available in 12 to 108 mm dimensions.

#### Simple and easy assembly

For cost-effective finishing of complex installations and even special applications such as sprinkler pressurised air installations, fast and simple assembly must be guaranteed. The Prestabo complete system makes this easy. Whether it's bends, crossover bends, angles and T-pieces, threaded adapters, sleeves, screw fittings, fitting connections or reducing pieces – all the system components are perfectly aligned.





The Viega Prestabo special range:  
equipped for any job!



**Viega Prestabo. The cost-effective recommendation for heating installation.**





Pump ball valve  
with or without  
gravity brake.



### Fixed sizes for contract work

Complex fittings for schools, hospitals or residential construction require a high degree of precision, security and reliability. Viega Prestabo links all this to high cost-effectiveness. The substantial comfort of assembly, the vast variety of products and reliability of used materials offer a further guarantee. Naturally, all Prestabo system components are exactly aligned, so that you can easily carry out the usual installations in contract work – from the radiator connection to the heating pipe on the floor as well as boiler connection. Safe, fast and cost-effective.

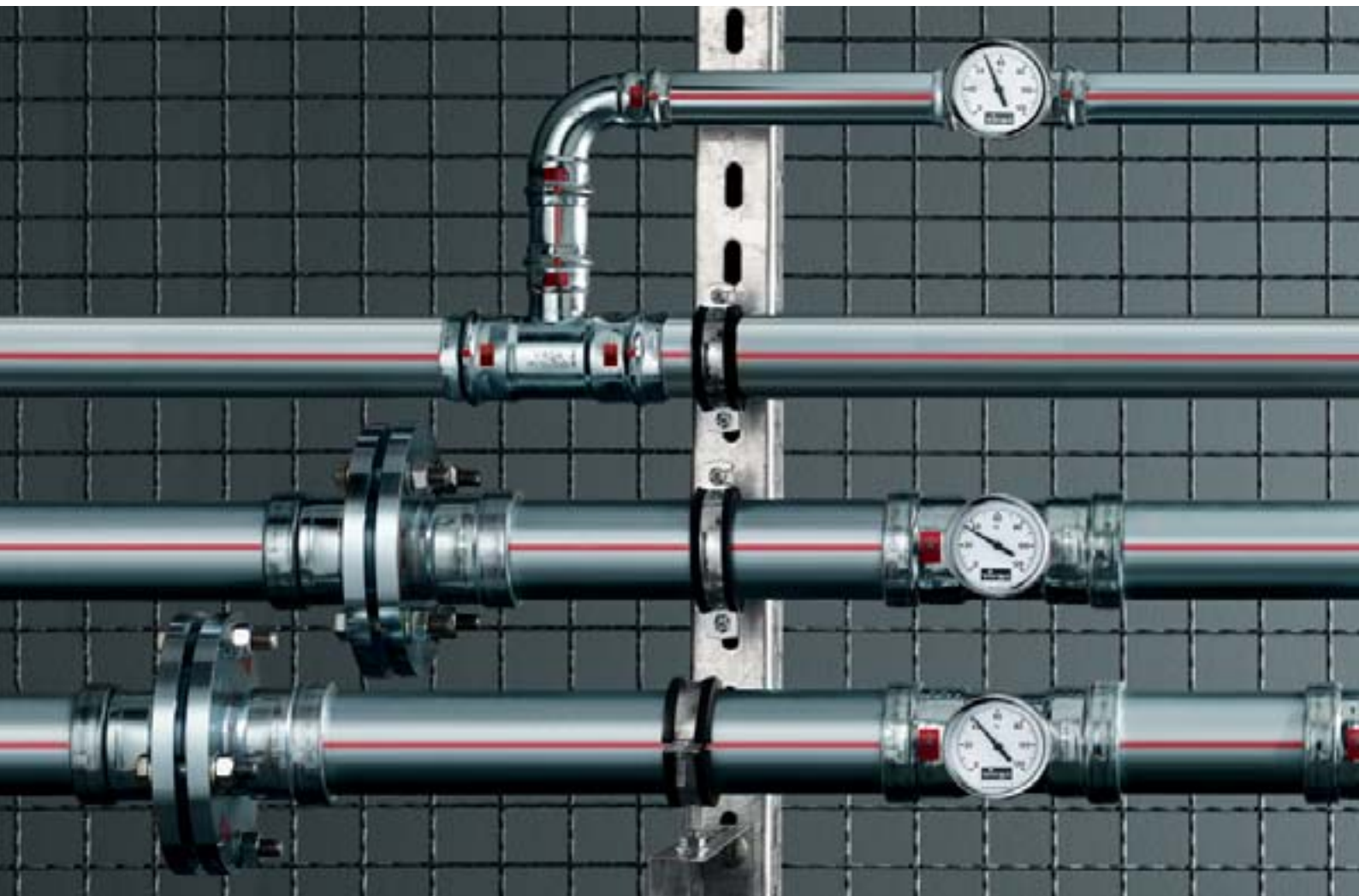
### Elegant transitions

Viega Prestabo makes installation transitions especially easy. The comprehensive product range facilitates a wide variety of connections, for example, with boiler/tank (2) or flanged pumps (1) through screw fittings, flanges and threaded adapters. Additionally, the Prestabo range is naturally compatible with the Viega shut-off fittings such as the pump ball valve.

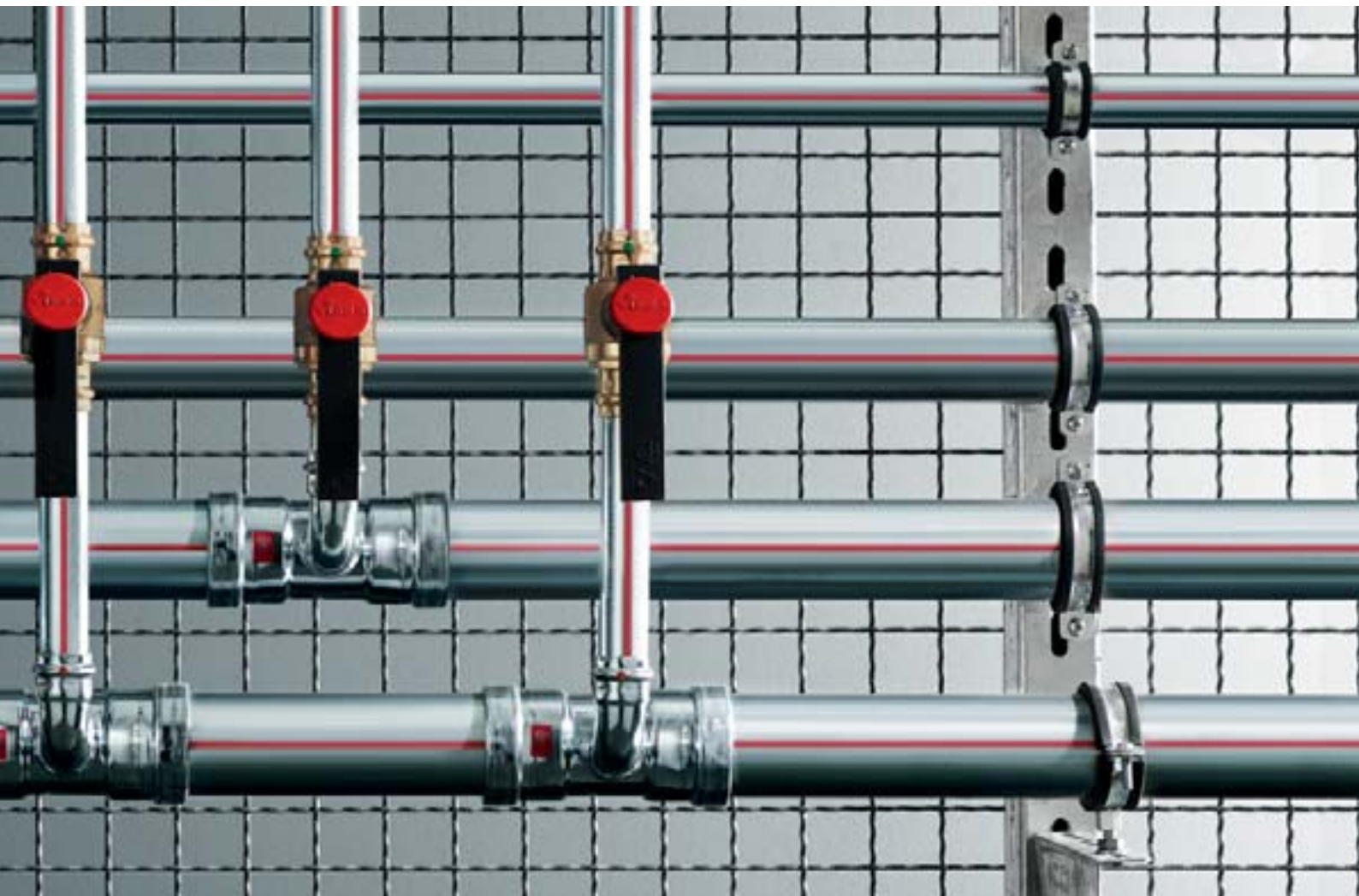
### 12 mm: the cost-effective dimension

Viega offers you the 12 mm dimension as a cost-effective alternative with convincing arguments: easy bending of small radii, space-saving installation options, low quantities of water in the pipe and therefore less effort for hot water production.





Top performance in industrial systems  
with Viega Prestabo.



#### **Versatile use for industrial media**

Nowhere materials and technology are more exposed to higher demands and pressures than in industry. And Viega systems such as Prestabo have especially been proven in this area – including industrial cooling and process water piping systems or in sprinkler and compressed air installations. On the one hand, this is thanks to the customary Viega quality, and on the other hand, due to the versatile and practical range of pipes and connectors. Incidentally, Prestabo also offers you this security in XL dimensions from 64 mm.

#### **System components – totally practical**

Langes and ball valves complete the comprehensive Prestabo range for industrial and heating installations. Naturally, they are also fitted with a direct press connection with SC-Contur – the Viega safety factor for fast assembly and visual inspection security.

**Prestabo for sprinkler systems:  
new with internally and externally  
galvanised steel pipe.**







#### **The new press system with VdS certification**

With the press system, with pipes internally and externally galvanised using the Sendzimir process, thanks to the tried-and-tested press technology, sprinkler and fire extinguishing systems (wet) are easy and clean to assemble. Prestabo's cost-effective bonus is also evident here. The system is available in 15 to 108 mm dimensions. For 22 to 108 mm dimensions, VdS certification will shortly be available.

#### **The internally and externally galvanised pipe**

Sprinkler and fire extinguishing systems represent special demands in term of the corrosion resistance of the system in use. With Prestabo you are equipped to deal with these challenges, as the new Prestabo pipes are produced from a single steel piece and coated using the Sendzimir process both internally and externally with a ca. 20 µ thick hot dipped galvanised coating. That's your guarantee of continued longevity against corrosion.

#### **Unmistakable identification of the pipe (1)**

No mistakes are possible thanks to clear identification: Prestabo pipes for sprinkler systems are marked with a red line, white lettering and a white icon "only for sprinkler systems". The white protective caps offer extra protection against damage in transit. It's clear – you benefit from perfect safety all round.

#### **Other areas of use**

Corrosion is not only an important issue with sprinkler and fire extinguishing systems – the Prestabo system with internally and externally galvanised pipes is also exceptionally suited for use in pressurised air systems. High protection is also offered here against corrosion due to water condensation.



Viega press tools.  
Technology to connect  
everything.





Press tools from Viega are convincing thanks to their quality, even in the most difficult working conditions. Their TÜV-certified security technology means they are among the most reliable and successful tools in Europe. Long service interval also guarantees high cost-effectiveness.

#### **Light, practical, fast:**

##### **Viega press gun**

The 4E and 4B press guns give you highest quality press tools. They are light, faster and more efficient to handle. The 4B battery operated machine (18 V) has an ultra-modern lithium battery and like the 4E electro version (230 V) is also fitted for 12 to 108 mm dimensions. Both machines are compatible with all Viega press jaws and with ca. 3 seconds pressing time are among the quickest of their kind. Press tools attain their unique flexibility from the press rings with swivel function in combination with the 180° rotating head for 12 to 108 mm dimensions. Their outstanding price-performance ratio is evidenced in their low maintenance requirement. Service check is only required after 32,000 pressings.

#### **Small, light, flexible:**

##### **the new Viega Picco press gun**

The name is the same as this press tool programme – the especially compact dimensions and low basic weight of 2.5 kg distinguish the Viega Picco press for dimensions up to 35 mm. Ideal for flexible use with the 180° rotatable press head. The practical Picco case with press machine is supplied with three press jaws. With space to store additional press jaws.

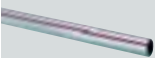


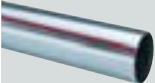





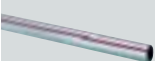


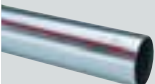















# Viega Prestabo: Product overview.

The following overview displays only part of the many Viega Prestabo products to demonstrate the wide range of products and diverse system applications. The quoted number is the model

number and describes the form of connectors and components. For further detailed information, please refer to the model number list in the product catalogue.

	1103		1116XL		11141
	1103XL		11161		11145
	1104		11161XL		11142
	1106		1126		1118
	1106XL		1126XL		1118XL
	1105		11261		11172
	11093		11261XL		11172XL
	1116		1114		1148

	1111		11151XL		11591XL
	1111XL		22156		1159XL
	1112		1160		2251
	1112XL		1165		22709
	11111		1162		2270
	11121		1163		22597
	1115		1156		
	1115XL		1156XL		
	11155		11571		
	11155XL		11571XL		
	11151		1159		

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