

# SANHA®

## NiroSan®-Press high quality – hygienic – resilient

### Tried and tested press systems from stainless steel

With our premium products we are trying to achieve one thing above all: to make your job easier. This is why our systems offer simple installation methods with the highest quality products. We begin with the material selection process and continue throughout the production process. SANHA system solutions also offer the unique SANHA combipress functionality – with full warranty for the tightness of the connection.

**Safety thanks to stainless steel!** SANHA does not use just any type of stainless steel in its products. For our system fittings we use material number 1.4404 which, thanks to its high\* molybdenum content of  $\geq 2.3\%$  and the low proportion of carbon, it is far better protected against corrosion than conventional materials. It goes without saying that our premium products do not absorb any foreign substances, nor do they release any substances into the respective medium. This means that NiroSan® systems can be used without reservation in hygienically demanding applications such as drinking water installations. As the installer, by using SANHA stainless steel, you can be sure that the permitted lead limits set out in the EU Drinking Water Directive are not exceeded due to your material choice.

**Versatile and flexible!** SANHA offers you a wide choice from a broad range of products. Alongside four different types of pipe, we also offer a wide range of system press and transition fittings. Whether you need system fittings and pipes for industry, especially cost-efficient, thin-walled or nickel-free solutions – we always have the right product for your specific application.

**Made in Germany!** All stainless steel systems are manufactured in our own production plants in Berlin (pipes) and Schmie-defeld near Dresden (fittings). Both plants have ISO 9001 certification so that we can always ensure a consistently high level of quality.

### NiroSan®-Press (Series 9000)

### NiroSan®-Press Gas | Industry | SF (Series 17000 | 18000 | 19000)

**combipress**  
= Tool Compatibility + Push & Stay  
+ Leak Path Feature  
**exclusive from SANHA**

- Leak path feature  
**Your Advantage:** greater installation reliability
- Full tool compatibility  
**Your Advantage:** Existing tools can be used saving time and reducing errors
- Tight pipes due to innovative push & stay function  
**Your Advantage:** easier installation
- Heat resistant FPM sealing ring  
**Your Advantage:** guaranteed safety up to 200 °C
- Black EPDM sealing ring  
**Your Advantage:** Tried and tested, proven durability

\*Minimum and maximum molybdenum content according to EN 10088: 2.0 / 2.5 %

## Universally useable

Stainless steel systems from SANHA can be used universally. The various NiroSan® pipes and NiroSan® press system fittings can be combined with each other, making them particularly user friendly. This means that even highly individual, project-specific requirements can always be fulfilled simply and economically.

The whole programme is available in all the usual diameters from 15 mm to 108 mm – and also for industrial, silicone-free and gas applications.

■ Drinking water	●	■ Fire extinguisher systems	● ● ●	■ Natural gas, liquid gas (up to PN5)	●
■ Heating	● ● ●	■ Sprinkler systems	● ● ●	■ Technical gases	● ● ●
■ Rainwater	● ● ●	■ Inert gases	● ● ●	■ Low-pressure steam systems	●
■ Solar systems	● ●	■ Cooling water pipes	● ● ●	■ Remote heating supply systems	●
■ Compressed air	● ● ●	■ Shipbuilding	● ●		

NiroSan®-Press ●    NiroSan®-Press Gas ●    NiroSan®-Press Industry ●    NiroSan®-Press SF ●

Please observe the technical documents and the installation instructions.

### Operating conditions for the NiroSan® press fittings

Pipe external diameter	Operating pressure	SANHA® system press fittings	Operating temperature
Water and aqueous solutions			
d ≤ 22 mm	40 bar	NiroSan®-Press with EPDM sealing ring	- 30 °C – +120 °C
d = 28 – 35 mm	25 bar	NiroSan®-Press Gas with HNBR sealing ring	- 20 °C – +70 °C
d = 42 – 108 mm	16 bar	NiroSan®-Press Industry with FPM sealing ring	-20 °C – +200 °C (depending on the medium)
Flammable gases			
d ≤ 108 mm	5 bar	NiroSan®-Press SF with FPM sealing ring	-20 °C – +200 °C (depending on the medium)
Technical gases (non-toxic, non-flammable)			
d ≤ 108 mm	16 bar	Type of thread: pipe thread: R/Rp-thread according to EN 10226, fastening thread (union nut): G-thread according to ISO 228	

## Many products, serious benefits: SANHA system fittings from stainless steel

Corrosion-resistant and durable

All NiroSan® system fittings are made of the material 1.4404 (moulded parts) and 1.4408 (threaded parts, stainless steel precision casting). The alloys used by SANHA are carbon-reduced and contain at least 2.3 % molybdenum, which makes them particularly resistant against corrosion. This is why the alloy used by SANHA for NiroSan® systems is often superior to the conventional material 1.4401, particularly in critical drinking water applications.

### NiroSan®-Press (Series 9000) ●

- Very broad range of applications
- Long service life of fitting and EPDM sealing ring
- Inseparable, pressure formed connection in the system with NiroSan® stainless steel pipes NiroSan®, NiroSan®-ECO, NiroSan®-F and NiroTherm®
- WRAS-tested and certified



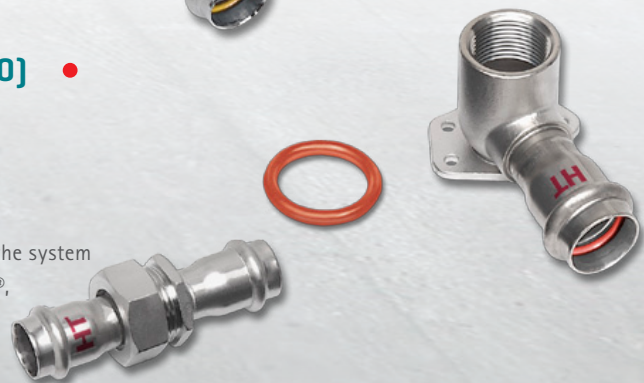
### NiroSan®-Press Gas (Series 17000) ●

- Especially for installations with natural gas and liquid gas above -20 °C
- Special yellow high-pressure marking GT-PN 1 (89 mm) / GT-PN 5
- Inseparable, pressure formed connection with NiroSan® and NiroSan®-Eco system pipes (Series 9000/9600)
- BSI-tested and certified



### NiroSan®-Press Industry (Series 18000) ●

- For demanding industrial applications
- Moulded sealing rings of a special elastomeric material for high thermal loads (marking HT = high temperature)
- Inseparable, pressure formed connection in the system with NiroSan®-stainless steel pipes NiroSan®, NiroSan®-ECO, NiroSan®-F and NiroTherm®



### NiroSan®-Press SF (Series 19000) ●

- Stainless steel system fittings and pipes in a silicone-free version
- Free from substances which could interfere with the lacquering process
- Silicone-free sealing ring
- Individual packaging guarantees freedom from silicone even during transport.
- Inseparable, pressure formed connection with the system pipes NiroSan®-SF



## The perfect match: SANHA stainless steel system pipes

### Tried and tested system pipes of stainless steel

In order to ensure the combipress functionality, we offer optimised, matching stainless steel system pipes to be used in conjunction with our high-grade fittings. For application areas particularly susceptible to corrosion, we offer especially precise, austenitic stainless steel products (material no. 1.4404) which, in combination with the system fittings of the same material, offer an extremely long service life. NiroSan® products are not simply an equivalent product, but rather a superior alternative to conventional materials. All NiroSan® stainless steel system pipes are also TIG-welded and are easy to bend due to the homogenous weld seam.

#### NiroSan® (Series 9000)

- Annealing of the material prevents tension crack corrosion
- Smooth weld seams inside the pipe prevent, for example, formation of bubbles and sludge deposits
- WRAS-tested and certified, BSI-tested and certified for gas installations

#### NiroSan®-Eco (Series 9600)

- Wall thickness optimisation reduces consumption of resources
- WRAS-tested and certified, BSI-tested and certified

#### NiroSan®-F (Series 9700)

- Economical due to nickel-free manufacture
- Especially smooth surface (passive layer) due to pickling
- Material no. 1.4521

#### NiroTherm® (Series 9100\*)

- Material 1.4301. Trouble-free installation in combination with NiroSan®-Press or Sanha®-Therm
- Specially tailored to the requirements in the industrial sector
- Ideal for open and closed circuits
- Wall thickness-optimised
- Cost-efficient alternative

#### NiroSan®-SF (Series 19000)

- Ideal for silicone-free applications
- Welded individually packaged in PE film

\* Not permitted for drinking water installations.



## NiroSan®-Press product range

All system pipes at a glance

### 9000

NiroSan® system pipe,  
material no. 1.4404  
in 6 m rods



Article No.	Dimensions	
6900015	15 x 1,0	●●●
6900018	18 x 1,0	●●●
6900022	22 x 1,2	●●●
6900028	28 x 1,2	●●●
6900035	35 x 1,5	●●●
6900042	42 x 1,5	●●●
6900054	54 x 1,5	●●●
6900064	64 x 2,0	●●●
6900076	76,1 x 2,0	●●●
6900089	88,9 x 2,0	●●●
69000108	108,0 x 2,0	●●●

### 9700

NiroSan®-F system pipe,  
material no. 1.4521,  
in 6 m rods



Article No.	Dimensions	
6970015	15 x 0,6	●●
6970018	18 x 0,7	●●
6970022	22 x 0,7	●●
6970028	28 x 0,8	●●
6970035	35 x 1,0	●●
6970042	42 x 1,1	●●
6970054	54 x 1,2	●●
6970076	76,1 x 1,5	●●
6970089	88,9 x 1,5	●●
69700108	108 x 1,5	●●

### 9500

NiroSan® system pipe,  
material no. 1.4404  
in 3 m rods



Article No.	Dimensions	
6950015	15 x 1,0	●●●
6950018	18 x 1,0	●●●
6950022	22 x 1,2	●●●
6950028	28 x 1,2	●●●
6950035	35 x 1,5	●●●
6950042	42 x 1,5	●●●
6950054	54 x 1,5	●●●
6950076	76,1 x 2,0	●●●
6950089	88,9 x 2,0	●●●
69500108	108,0 x 2,0	●●●

### 9100

NiroTherm® system pipe,  
material no. 1.4301,  
reduced wall thickness, in 6 m rods,  
in combination with SANHA®-Therm  
press fittings of 24000 series  
or NiroSan®-Press fittings of 9000 series



Article No.	Dimensions	
6910015	15 x 0,6	●●
6910018	18 x 0,7	●●
6910022	22 x 0,7	●●
6910028	28 x 0,8	●●
6910035	35 x 1,0	●●
6910042	42 x 1,1	●●
6910054	54 x 1,2	●●
6910076	76,1 x 1,5	●●
6910089	88,9 x 1,5	●●
69100108	108 x 1,5	●●

### 9600

NiroSan®-ECO system pipe,  
material no.1.4404,  
reduced wall thickness, in 6 m rods



Article No.	Dimensions	
6960015	15 x 0,6	●●●
6960018	18 x 0,7	●●●
6960022	22 x 0,7	●●●
6960028	28 x 0,8	●●●
6960035	35 x 1,0	●●●
6960042	42 x 1,1	●●●
6960054	54 x 1,2	●●●
6960076	76,1 x 1,5	●●●
6960089	88,9 x 1,5	●●●
69600108	108 x 1,5	●●●



NiroSan® stainless steel pipe plant in Berlin

More information in our  
complete catalogue  
or at [www.sanha.com](http://www.sanha.com)

Articles can also be used with:  
NiroSan®-Press Gas ●●●  
NiroSan®-Press Industry ●●●  
With Article No. 19000 for:  
NiroSan®-Press SF ●●●

## NiroSan®-Press product range

All fittings at a glance



**9001A**  
90° bend, female end/male plain end

Article No.	Dimensions	
69001A15	15	•••
69001A18	18	•••
69001A22	22	•••
69001A28	28	•••
69001A35	35	•••
69001A42	42	•••
69001A54	54	•••
69001A64	64	•••
69001A76	76,1	•••
69001A89	88,9	•••
69001A108	108,0	•••



**9002A**  
90° bend, female/female end

Article No.	Dimensions	
69002A15	15	•••
69002A18	18	•••
69002A22	22	•••
69002A28	28	•••
69002A35	35	•••
69002A42	42	•••
69002A54	54	•••
69002A64	64	•••
69002A76	76,1	•••
69002A89	88,9	•••
69002A108	108,0	•••



**9002G**  
90° bend, female end and female thread

Article No.	Dimensions	
69002G1512	15 x 1/2	•••
69002G1812	18 x 1/2	•••
69002G1834	18 x 3/4	•••
69002G2234	22 x 3/4	•••
69002G281	28 x 1	•••
69002G35114	35 x 1 1/4	•••



**9040**  
45° bend, female end/male plain end

Article No.	Dimensions	
6904015	15	•••
6904018	18	•••
6904022	22	•••
6904028	28	•••
6904035	35	•••
6904042	42	•••
6904054	54	•••
6904064	64	•••
6904076	76,1	•••
6904089	88,9	•••
6904108	108,0	•••



**9001L**  
90° bend, long, female end/male plain end

Article No.	Dimensions	
69001L15	15	•••
69001L18	18	•••
69001L22	22	•••
69001L28	28	•••
69001L35	35	•••
69001L42	42	•••
69001L54	54	•••



**9002AG**  
90° bend, female end and male thread

Article No.	Dimensions	
69002AG1512	15 x 1/2	•••
69002AG1812	18 x 1/2	•••
69002AG1834	18 x 3/4	•••
69002AG2234	22 x 3/4	•••
69002AG281	28 x 1	•••
69002AG35114	35 x 1 1/4	•••
69002AG42112	42 x 1 1/2	•••
69002AG542	54 x 2	•••



**9003**  
90° bend, male plain ends

Article No.	Dimensions	
6900315	15	•••
6900318	18	•••
6900322	22	•••
6900328	28	•••
6900335	35	•••
6900342	42	•••
6900354	54	•••



**9041**  
45° bend, female/female end

Article No.	Dimensions	
6904115	15	•••
6904118	18	•••
6904122	22	•••
6904128	28	•••
6904135	35	•••
6904142	42	•••
6904154	54	•••
6904164	64	•••
6904176	76,1	•••
6904189	88,9	•••
69041108	108,0	•••



**9005**  
Pipe element with flanging for overflow

Article No.	Dimensions	
690052850034	28 x 500 x 3/4	•••



**9002M**  
90° bend, with nut, flat Centellen seal, female thread

Article No.	Dimensions	
69002M1534	15 x 3/4	•••
69002M1834	18 x 3/4	•••
69002M221	22 x 1	•••
69002M28114	28 x 1 1/4	•••



**9002MG**  
90° bend, with nut, flat Centellen seal, female and male thread

Article No.	Dimensions	
69002MG3434	15 x 3/4	•••
69002MG11	18 x 3/4	•••



**9003G**  
90° bend, male plain end and female thread

Article No.	Dimensions	
69003G1812	18 x 1/2	•••



**9042**  
45° bend, male plain ends

Article No.	Dimensions	
6904218	18	•••
6904222	22	•••
6904228	28	•••
6904235	35	•••
6904242	42	•••

More information in our complete catalogue or at [www.sanha.com](http://www.sanha.com)



Dimensions are also available under different art. nos. at:  
 NiroSan®-Press Gas ●●●  
 NiroSan®-Press Industry ●●●  
 NiroSan®-Press SF ●●●

## NiroSan®-Press product range

All fittings at a glance



### 9043

15° bend,  
male plain ends

Article No.	Dimensions
6904315	15
6904318	18
6904322	22
6904328	28
6904335	35
6904354	54
69043108	108,0

### 9044

30° bend,  
male plain ends

Article No.	Dimensions
6904415	15
6904418	18
6904422	22
6904435	35
6904454	54
6904476	76,1
6904489	88,9
69044108	108,0

### 9045

75° bend,  
male plain ends

Article No.	Dimensions
6904515	15
6904518	18
6904522	22
6904528	28
6904535	35
6904542	42
6904554	54

### 9050

Connecting piece with minimum pipe length between two fittings and marked insertion depth, male/male plain end

Article No.	Dimensions
6905015	15
6905018	18
6905022	22
6905028	28
6905035	35
6905042	42
6905054	54
6905064	64
6905076	76,1
69050108	108,0

### 9058

60° bend,  
male plain ends

Article No.	Dimensions
6905815	15
6905818	18
6905822	22
6905828	28
6905842	42
6905854	54
6905876	76,1
6905889	88,9
69058108	108,0

### 9085

Crossover,  
female/female end

Article No.	Dimensions
6908515	15
6908518	18
6908522	22
6908528	28

### 24130

Tee,  
female ends

Article No.	Dimensions
6913015	15
6913018	18
6913022	22
6913028	28
6913035	35
6913042	42
6913054	54
6913064	64
6913076	76,1
6913089	88,9
69130108	108,0
69130181515	18 x 15 x 15
69130181518	18 x 15 x 18
69130221515	22 x 15 x 15
69130221522	22 x 15 x 22
69130221818	22 x 18 x 18
69130221822	22 x 18 x 22
69130281528	28 x 15 x 28
69130281828	28 x 18 x 28
69130282222	28 x 22 x 22
69130282228	28 x 22 x 28
69130351535	35 x 15 x 35
69130351835	35 x 18 x 35
69130352235	35 x 22 x 35
69130352835	35 x 28 x 35
69130421842	42 x 18 x 42
69130422242	42 x 22 x 42
69130422842	42 x 28 x 42
69130423542	42 x 35 x 42
69130542254	54 x 22 x 54
69130542854	54 x 28 x 54
69130543554	54 x 35 x 54
69130544254	54 x 42 x 54
69130642264	64 x 22 x 64
69130642864	64 x 28 x 64
69130643564	64 x 35 x 64
69130644264	64 x 42 x 64
69130645464	64 x 54 x 64
69130762276	76,1 x 22 x 76,1
69130762876	76,1 x 28 x 76,1
69130763576	76,1 x 35 x 76,1
69130764276	76,1 x 42 x 76,1
69130765476	76,1 x 54 x 76,1
69130766476	76,1 x 64 x 76,1
69130892289	88,9 x 22 x 88,9

### 24130

continued

Article No.	Dimensions
69130892889	88,9 x 28 x 88,9
69130893589	88,9 x 35 x 88,9
69130894289	88,9 x 42 x 88,9
69130895489	88,9 x 54 x 88,9
69130896489	88,9 x 64 x 88,9
69130897689	88,9 x 76,1 x 88,9
6913010822108	108,0 x 22 x 108,0
6913010828108	108,0 x 28 x 108,0
6913010835108	108,0 x 35 x 108,0
6913010842108	108,0 x 42 x 108,0
6913010854108	108,0 x 54 x 108,0
6913010864108	108,0 x 64 x 108,0
6913010876108	108,0 x 76,1 x 108,0
6913010889108	108,0 x 88,9 x 108,0

### 24130G

Tee, female/female end  
and female thread

Article No.	Dimensions
69130G151215	15 x 1/2 x 15
69130G181218	18 x 1/2 x 18
69130G183418	18 x 3/4 x 18
69130G221222	22 x 1/2 x 22
69130G223422	22 x 3/4 x 22
69130G281228	28 x 1/2 x 28
69130G283428	28 x 3/4 x 28
69130G28128	28 x 1 x 28
69130G351235	35 x 1/2 x 35
69130G353435	35 x 3/4 x 35
69130G3511435	35 x 1 1/4 x 35
69130G421242	42 x 1/2 x 42
69130G423442	42 x 3/4 x 42
69130G4211242	42 x 1 1/2 x 42
69130G541254	54 x 1/2 x 54
69130G543454	54 x 3/4 x 54
69130G54254	54 x 2 x 54
69130G763476	76,1 x 3/4 x 76,1
69130G76276	76,1 x 2 x 76,1
69130G893489	88,9 x 3/4 x 88,9
69130G89289	88,9 x 2 x 88,9
69130G10834108	108,0 x 3/4 x 108,0
69130G1082108	108,0 x 2 x 108,0





**9087**  
Crossover, male/male plain end

Article No.	Dimensions
6908715	15 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
6908718	18 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
6908722	22 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
6908728	28 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>



**9090**  
90° Elbow, female/female end

Article No.	Dimensions
6909022	22 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
6909028	28 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>



**24243**  
Fitting reducer, with female and male plain end

Article No.	Dimensions
692431815	18a x 15 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692432215	22a x 15 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692432218	22a x 18 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692432815	28a x 15 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692432818	28a x 18 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692432822	28a x 22 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692433518	35a x 18 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692433522	35a x 22 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692433528	35a x 28 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692434222	42a x 22 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692434228	42a x 28 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692434235	42a x 35 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692435428	54a x 28 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692435435	54a x 35 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692435442	54a x 42 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692436442	64a x 42 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692436454	64a x 54 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692437654	76,1a x 54 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692437664	76,1a x 64 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692438954	88,9a x 54 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692438964	88,9a x 64 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692438976	88,9a x 76,1 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
6924310854	108,0a x 54 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
6924310864	108,0a x 64 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
6924310876	108,0a x 76,1 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
6924310889	108,0a x 88,9 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>



**9250**  
Transition nipple, with male plain and groove for tube coupling

Article No.	Dimensions
6925028337	28 x 33,7 <span style="color: red;">●</span>
6925035424	35 x 42,4 <span style="color: red;">●</span>
6925042483	42 x 48,3 <span style="color: red;">●</span>
6925054603	54 x 60,3 <span style="color: red;">●</span>
69250761761	76,1 x 76,1 <span style="color: red;">●</span>
69250889889	88,9 x 88,9 <span style="color: red;">●</span>
69250108114	108 x 114 <span style="color: red;">●</span>



**9090IG**  
90° Elbow, female end and female thread

Article No.	Dimensions
69090IG1512	15 x 1/2 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69090IG1834	18 x 3/4 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69090IG2234	22 x 3/4 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69090IG2812	28 x 1/2 <span style="color: red;">●</span>
69090IG2834	28 x 3/4 <span style="color: red;">●</span>
69090IG281	28 x 1 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69090IG3512	35 x 1/2 <span style="color: red;">●</span>
69090IG3534	35 x 3/4 <span style="color: red;">●</span>
69090IG35114	35 x 1 1/4 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>



**9240**  
Reducing coupling, female/female end

Article No.	Dimensions
692401815	18 x 15 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692402215	22 x 15 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692402218	22 x 18 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
692402822	28 x 22 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>



**9270**  
Coupling, female/female end

Article No.	Dimensions
6927015	15 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
6927018	18 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
6927022	22 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
6927028	28 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
6927035	35 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
6927042	42 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
6927054	54 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
6927064	64 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
6927076	76,1 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
6927089	88,9 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69270108	108,0 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>



**9092AG**  
90° Elbow, female end and male thread

Article No.	Dimensions
69092AG1512	15 x 1/2 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69092AG1812	18 x 1/2 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69092AG1834	18 x 3/4 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69092AG2234	22 x 3/4 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69092AG281	28 x 1 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69092AG35114	35 x 1 1/4 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69092AG42112	42 x 1 1/2 <span style="color: red;">●</span>
69092AG542	54 x 2 <span style="color: red;">●</span>



**24243G**  
Transition nipple, with female end and male thread

Article No.	Dimensions
69243G1538	15 x 3/8 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69243G1512	15 x 1/2 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69243G1534	15 x 3/4 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69243G1812	18 x 1/2 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69243G1834	18 x 3/4 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69243G2212	22 x 1/2 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69243G2234	22 x 3/4 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69243G221	22 x 1 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69243G2834	28 x 3/4 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69243G281	28 x 1 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69243G351	35 x 1 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69243G35114	35 x 1 1/4 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69243G42112	42 x 1 1/2 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69243G542	54 x 2 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69243G64212	64 x 2 1/2 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69243G76212	76,1 x 2 1/2 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69243G893	88,9 x 3 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69243G1084	108,0 x 4 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>



**9246G**  
Transition element (coupling/nipple), with male plain end and female thread

Article No.	Dimensions
69246G1512	15a x 1/2 <span style="color: red;">●</span> <span style="color: blue;">●</span>
69246G1812	18a x 1/2 <span style="color: red;">●</span> <span style="color: blue;">●</span>
69246G1834	18a x 3/4 <span style="color: red;">●</span> <span style="color: blue;">●</span>
69246G2212	22a x 1/2 <span style="color: red;">●</span> <span style="color: blue;">●</span>
69246G2234	22a x 3/4 <span style="color: red;">●</span> <span style="color: blue;">●</span>
69246G2834	28a x 3/4 <span style="color: red;">●</span> <span style="color: blue;">●</span>



**9270S**  
Slip coupling, female/female end

Article No.	Dimensions
69270S15	15 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69270S18	18 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69270S22	22 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69270S28	28 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69270S35	35 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69270S42	42 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69270S54	54 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69270S64	64 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69270S76	76,1 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69270S89	88,9 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>
69270S108	108,0 <span style="color: red;">●</span> <span style="color: blue;">●</span> <span style="color: green;">●</span>

More information in our complete catalogue or at [www.sanha.com](http://www.sanha.com)



Dimensions are also available under different art. nos. at:  
 NiroSan®-Press Gas ●  
 NiroSan®-Press Industry ●  
 NiroSan®-Press SF ●



## NiroSan®-Press product range

All fittings at a glance



### 9270F

Transition coupling with masonry anchor, with female end and female thread

Article No.	Dimensions
69270F1512	15 x 1/2



### 9280

Threaded double nipple, male/male thread

Article No.	Dimensions
6928012	1/2
6928034	3/4
692801	1



### 9301

Cap, female end

Article No.	Dimensions
6930115	15
6930118	18
6930122	22
6930128	28
6930135	35
6930142	42
6930154	54



### 9333GMVA

Union, with flat Centellen seal, stainless steel nut, with female end and female thread

Article No.	Dimensions
69333GMVA1512	15 x 1/2
69333GMVA1534	15 x 3/4
69333GMVA1812	18 x 1/2
69333GMVA2234	22 x 3/4
69333GMVA281	22 x 1
69333GMVA35114	28 x 3/4
69333GMVA42112	28 x 1
69333GMVA542	35 x 1 1/4
69330GMVA42112	42 x 1 1/2
69330GMVA542	54 x 2



### 9270G

Transition coupling, with female end and female thread

Article No.	Dimensions
69270G1512	15 x 1/2
69270G1534	15 x 3/4
69270G1812	18 x 1/2
69270G1834	18 x 3/4
69270G2212	22 x 1/2
69270G2234	22 x 3/4
69270G221	22 x 1
69270G2834	28 x 3/4
69270G281	28 x 1
69270G35114	35 x 1 1/4
69270G42112	42 x 1 1/2
69270G542	54 x 2



### 9330

Union, with flat Centellen seal, stainless steel nut, female/female end

Article No.	Dimensions
6933015	15
6933018	18
6933022	22
6933028	28
6933035	35
6933042	42
6933054	54



### 9330GMVA

Union, with flat Centellen seal, stainless steel nut, with female end and female thread

Article No.	Dimensions
69330GMVA1512	15 x 1/2
69330GMVA1534	15 x 3/4
69330GMVA1834	18 x 3/4
69330GMVA2234	22 x 3/4
69330GMVA221	22 x 1
69330GMVA2834	28 x 3/4
69330GMVA281	28 x 1
69330GMVA35114	35 x 1 1/4
69330GMVA42112	42 x 1 1/2
69330GMVA542	54 x 2



### 9359M

Union adapter with flat Centellen seal, stainless steel nut, female end

Article No.	Dimensions
69359M1512	15 x 1/2
69359M1534	15 x 3/4
69359M1834	18 x 3/4
69359M221	22 x 1
69359M28114	28 x 1 1/4
69359M35112	35 x 1 1/2
69359M42134	42 x 1 3/4
69359M54238	54 x 2 3/8



### 9280G

Double nipple, with male plain end and male thread

Article No.	Dimensions
69280G1512	15a x 1/2
69280G1812	18a x 1/2
69280G1834	18a x 3/4
69280G2212	22a x 1/2
69280G2234	22a x 3/4
69280G281	28a x 1



### 9330G

Union, with flat Centellen seal, brass nut, with female end and female thread

Article No.	Dimensions
69330G1512	15 x 1/2
69330G1534	15 x 3/4
69330G1834	18 x 3/4
69330G2234	22 x 3/4
69330G221	22 x 1
69330G2834	28 x 3/4
69330G281	28 x 1
69330G35114	35 x 1 1/4
69330G42112	42 x 1 1/2
69330G542	54 x 2



### 9333G

Union, with flat Centellen seal, brass nut, with female end and female thread

Article No.	Dimensions
69333G1512	15 x 1/2
69333G1534	15 x 3/4
69333G1812	18 x 1/2
69333G2234	22 x 3/4
69333G281	28 x 1
69333G35114	35 x 1 1/4
69333G42112	42 x 1 1/2
69333G542	54 x 2



### 9359MMS

NiroSan Press union adapter, brass nut

Article No.	Dimensions
69359MMS1512	15 x 1/2
69359MMS1834	18 x 3/4
69359MMS221	22 x 1
69359MMS35112	35 x 1 1/2





## 9370G

Threaded hexagon nipple, female/male thread

Article No.	Dimensions	
69370G1212	1/2 x 1/2	••
69370G3434	3/4 x 3/4	•••
69370G11	1 x 1	•••



## 9872

Axial compensator for expansions, female/female end

Article No.	Dimensions	
6987215	15	•
6987218	18	•
6987222	22	•
6987228	28	•
6987235	35	•
6987242	42	•
6987254	54	•
6987264	64	•
6987276	76,1	•
6987289	88,9	•
69872108	108,0	•



## VA-PF

Crimping flanges, with female end, PN 10/16, for drinking water and heating

Article No.	Dimensions	
6VAPF15	DN 12 / 15 mm	•
6VAPF18	DN 15 / 18 mm	•••
6VAPF22	DN 20 / 22 mm	•••
6VAPF28	DN 25 / 28 mm	•••
6VAPF35	DN 32 / 35 mm	•••
6VAPF42	DN 40 / 42 mm	•••
6VAPF54	DN 50 / 54 mm	•••
6VAPF64	DN 65 / 64 mm	•••
6VAPF76	DN 65 / 76,1 mm	•••
6VAPF89	DN 80 / 88,9 mm	•••
6VAPF108	DN 100 / 108,0 mm	•••



## FL-D

High-pressure flange seal, asbestos-free, suitable for weld neck, threaded, press and loose flanges, max. 400°C, resistant against water, vapour, fuels, diluted alkaline solutions, oils, gases (DVGW tested according to DIN 3535 Part 6). Dimensions according to DIN EN 1514 - 1.2 mm thick for flanges. PN 10/16 = DIN EN 1092-1 and DIN EN 1092-2

Article No.	Dimensions	
1D15	15	•••
1D20	20	•••
1D25	25	•••
1D32	32	•••
1D40	40	•••
1D50	50	•••
1D65	65	•••
1D80	80	•••
1D100	100	•••
1D125	125	•••
1D150	150	•••
1D200	200	•••



## 9472G

Wall plate with universal flange, with female end and female thread

Article No.	Dimensions	
69472G1512	15 x 1/2	•••
69472G1812	18 x 1/2	•••
69472G2234	22 x 3/4	•••
69472G281	28 x 1	•••



## 9478G

Wall plate with universal flange, with female end and female thread

Article No.	Dimensions
69478G151512	15 x 15 x 1/2



## 9471

Wall plate with sound insulation, with female end and female thread

Article No.	Dimensions
690052850034	15 x 1/2



## 9918

Stainless steel bracket, with acoustic insulation

Article No.	Dimensions	
6991812	12	••
6991815	15	••
6991818	18	••
6991822	22	••
6991828	28	••
6991835	35	••
6991842	42	••



NiroSan® Press stainless steel fitting plant in Schmiedefeld near Dresden

More information in our complete catalogue or at [www.sanha.com](http://www.sanha.com)



Dimensions are also available under different art. nos. at:  
 NiroSan®-Press Gas ●  
 NiroSan®-Press Industry ●  
 NiroSan®-Press SF ●

## With safety on your side

### SANHA offers genuine advantages

As a family enterprise for 50 years we have been observing a simple principle: every pipe and every fitting must give the customer added value in terms of safety and practical use at a fair price. This is our mission and, at the same time, the best recommendation from our satisfied customers.

As a specialist for pipeline systems we offer a unique breadth and depth of products for all of the usual connection techniques and applications from a one stop shop. Tried and tested installation techniques are as much a part of our program as practice-oriented innovations.

**And that's why: SANHA. Always a perfect fit.**

#### Your advantages:

**1 Full tool compatibility**

Throughout the industry, SANHA system fittings are the only ones that can be pressed with all the usual original press profiles - with a full guarantee. You gain security by ruling out errors, thus saving time and money.

**2 Large product range**

SANHA offers a wide material, product and dimension range, multiple connection methods, with significant expertise and experience - all from a one stop shop. SANHA, the pipeline specialist.

**3 Guaranteed safety**

SANHA has all the important approvals, certifications and warranties, backed up by WRAS and BSI, ensuring you are always on the safe side.

**4 Nationwide technical service**

SANHA is pleased to offer a wide range of services from installation training, technical seminars, design advice, specifications and on site support as and when required.