

NiroTherm®

SANHA
a perfect fit

New!

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



**Premium solution for
corrosive environments**

Optimal for heating, cooling and compressed air installations –
high corrosion resistance – special series for industrial applications

NiroTherm® press system


Corrosion-protected – reliable – practical

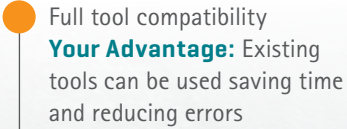
External corrosion may occur where carbon steel systems are employed in moisture hazard areas such as within the floor screed. They must therefore be protected against contact with moisture in compliance with all national standards and engineering best practice, as well the appropriate SANHA insulation regulations – this type of corrosion protection is not only time consuming and labour intensive but also susceptible to damage in what can sometimes be a hectic routine at the site. Our new stainless steel NiroTherm® premium system (material no. 1.4301, AISI 304) offers a safe and reliable solution, in particular in moisture hazard areas without the risk of external corrosion and with substantially reduced insulation effort! NiroTherm® system press fittings can be ideally used in conjunction with a broad palette of tried-and-tested SANHA system pipes.

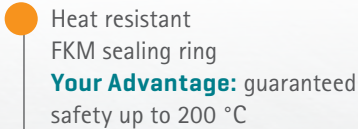
NiroTherm® (91000 series)

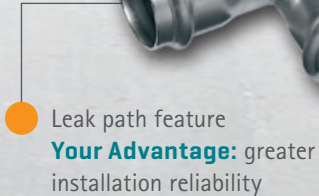
NiroTherm® Industry (98000 series)

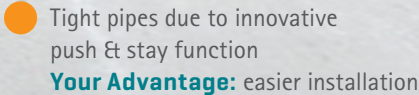
combipress
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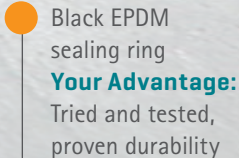
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combipress
 = Tool Compatibility + Push & Stay
 + Leak Path Feature
exclusively from SANHA
- 

Full tool compatibility
Your Advantage: Existing tools can be used saving time and reducing errors
- 

Heat resistant FKM sealing ring
Your Advantage: guaranteed safety up to 200 °C
- 

Leak path feature
Your Advantage: greater installation reliability
- 

Tight pipes due to innovative push & stay function
Your Advantage: easier installation
- 

Black EPDM sealing ring
Your Advantage: Tried and tested, proven durability

Diverse applications for maximum flexibility

Our NiroTherm® and NiroTherm® Industry premium systems are designed for use in numerous applications.

Applications

- Open and closed heating systems ●
- Open and closed cooling systems ●
- Compressed air systems up to oil class 5 (25 mg/m³) ●
- Industrial systems* ●
- Compressed air systems with no oil class limitations ●
- NiroTherm® ●
- NiroTherm® Industry ●



System fittings operating conditions NiroTherm® and NiroTherm® Industry	
Pipe outside diameter	Operating pressure
Water and aqueous solutions	
d ≤ 108 mm	16 bar
Technical gases (non-toxic, non-flammable)	
d ≤ 108 mm	16 bar
Model/series	Operating temperature
NiroTherm®	-30 °C - +120 °C
NiroTherm® Industry	-20 °C - +200 °C (depending on medium)
Model/series	Identification
NiroTherm®	"NiroTherm®" "Diameter" "Traceability code"
NiroTherm® Industry	"NiroTherm® Industry" "Diameter" "Traceability code"
Thread type: Pipe thread: R/Rp thread compliant with EN 10226, Fixing thread (union nut): G thread (cylindrical) compliant with ISO 228	

Please observe the technical documentation and installation instructions.

* Depending on pressure and temperature – please contact us on 01628 819245 or uk@sanha.com, we would be pleased to help you.

Numerous products, good arguments: Stainless steel NiroTherm® system press fittings

Corrosion-resistant and durable

Safety against external corrosion: the 1.4301 (AISI 304) stainless steel used by SANHA offer the maximum degree of protection against external corrosion. This reduces the insulation effort to substantially less than for other common carbon steel systems. * This makes NiroTherm® a very practical and safe premium alternative to carbon steel systems.

Save time and money: thanks to the high corrosion resistance and the lesser insulation requirement, labour and cost-intensive tasks are reduced to a minimum, which means that you as the installer can offer an economically attractive and robust solution to help you secure the next project.

Versatile and flexible: we have a broad range. In addition to five different types of pipe (see p. 6), we offer numerous system press fittings, for example for industrial or high-temperature applications, such as NiroTherm® Industry with red, especially high-temperature resistant FKM sealing rings and the "HT" marking.

Made in Germany: all stainless steel systems are manufactured in our own factories in Berlin (pipes) and Schmiedefeld near Dresden (fittings). Of course, both factories are ISO certified. This allows us to guarantee consistent high quality at all times.

NiroTherm® [91000 series]

- Very broad range of applications
- Highly durable fitting and EPDM sealing ring
- A non-demountable, permanently sealed joint in a system with the NiroSan® stainless steel pipes NiroSan®, NiroSan®-ECO, NiroSan®-F and NiroTherm®
- Easily recognisable by the red dot



NiroTherm® Industry [98000 series]

- For demanding industrial applications
- Special elastomer O rings for high thermal loads (with FKM sealing ring)
- A non-demountable, permanently sealed joint in a system with the NiroSan® stainless steel pipes NiroSan®, NiroSan®-ECO, NiroSan®-F and NiroTherm®
- Easily recognisable by the red dot, additional marking HT = high-temperature



* For example, diffusion resistant insulation is always required for cold and cooling water pipes to prevent condensate formation.

Compatible with: SANHA stainless steel system pipes

Tried-and-tested stainless steel system pipes

NiroTherm® system press fittings can be ideally combined with NiroTherm® system pipes and numerous other premium SANHA stainless steel system pipes.

NiroTherm® (9100 series*)

- Material no. 1.4301
- Trouble free installation beneath flooring screed
- Austenitic stainless steel
- Specially adapted to demands in industrial applications
- Ideally suited for open and closed circuits
- Optimised wall thickness
- Economical alternative



Moreover, NiroTherm® system fittings can be easily combined with the premium NiroSan® series' stainless steel system pipes, as well as SANHA®-Therm series carbon steel pipes, depending on the application.

Additional information is available in the overview on p. 6 or on our website www.sanha.com. Should you have any queries please do not hesitate to contact us on 01628 819245 or uk@sanha.com, we are always pleased to help.

* Not approved for drinking water in some countries.

NiroTherm® and NiroSan® range (pipes)

All pipes at a glance

9000

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



Art.-Nr.	Abmessung	
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



Art.-Nr.	Abmessung	
6970015	15 x 1,0	●●
6970018	18 x 1,0	●●
6970022	22 x 1,2	●●
6970028	28 x 1,2	●●
6970035	35 x 1,5	●●
6970042	42 x 1,5	●●
6970054	54 x 1,5	●●
6970076	76,1 x 2,0	●●
6970089	88,9 x 2,0	●●
69700108	108 x 2,0	●●

9500

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



Art.-Nr.	Abmessung	
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



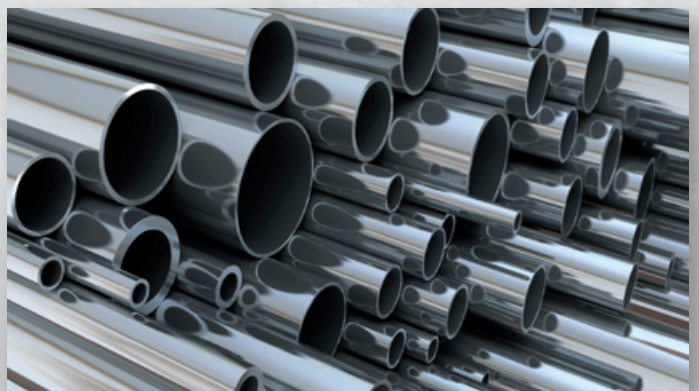
Art.-Nr.	Abmessung	
6910015	15 x 0,6	●●
6910018	18 x 0,7	●●
6910022	22 x 0,7	●●
6910028	28 x 0,8	●●
6910035	35 x 1,0	●●
6910042	42 x 1,1	●●
6910054	54 x 1,2	●●
6910076	76,1 x 1,5	●●
6910089	88,9 x 1,5	●●
69100108	108 x 1,5	●●

9600

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



Art.-Nr.	Abmessung	
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	●●



More information in our
complete catalogue
or at www.sanha.com

Compatible with:
NiroTherm® ●
NiroTherm® Industry ●

NiroTherm® range

All fittings at a glance



91001A

90° bend,
female end/male plain end

Art.-Nr.	Abmessung
691001A15	15
691001A18	18
691001A22	22
691001A28	28
691001A35	35
691001A42	42
691001A54	54
691001A64	64
691001A76	76,1
691001A89	88,9
691001A108	108,0

91002A

90° bend,
female/female end

Art.-Nr.	Abmessung
691002A15	15
691002A18	18
691002A22	22
691002A28	28
691002A35	35
691002A42	42
691002A54	54
691002A64	64
691002A76	76,1
691002A89	88,9
691002A108	108,0

91002G

90° bend, female end
and female thread

Art.-Nr.	Abmessung
691002G1512	15 x 1/2
691002G1812	18 x 1/2
691002G1834	18 x 3/4
691002G2234	22 x 3/4
691002G281	28 x 1
691002G35114	35 x 1 1/4

91040

45° bend,
female end/male plain end

Art.-Nr.	Abmessung
69104015	15
69104018	18
69104022	22
69104028	28
69104035	35
69104042	42
69104054	54
69104064	64
69104076	76,1
69104089	88,9
691040108	108,0

91001L

90° bend, long,
female end/male plain end

Art.-Nr.	Abmessung
691001L15	15
691001L18	18
691001L22	22
691001L28	28
691001L35	35
691001L42	42
691001L54	54

91002AG

90° bend, female end
and male thread

Art.-Nr.	Abmessung
691002AG1512	15 x 1/2
691002AG1812	18 x 1/2
691002AG1834	18 x 3/4
691002AG2234	22 x 3/4
691002AG281	28 x 1
691002AG35114	35 x 1 1/4
691002AG42112	42 x 1 1/2
691002AG542	54 x 2

91003

90° bend,
male plain ends

Art.-Nr.	Abmessung
69100315	15
69100318	18
69100322	22
69100328	28
69100335	35
69100342	42
69100354	54

91041

45° bend,
female/female end

Art.-Nr.	Abmessung
69104115	15
69104118	18
69104122	22
69104128	28
69104135	35
69104142	42
69104154	54
69104164	64
69104176	76,1
69104189	88,9
691041108	108,0

91002M

90° bend, with nut,
flat Centellen seal,
female thread

Art.-Nr.	Abmessung
691002M1534	15 x 3/4
691002M1834	18 x 3/4
691002M221	22 x 1
691002M28114	28 x 1 1/4

91002MG

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

Art.-Nr.	Abmessung
691002MG3434	15 x 3/4
691002MG11	18 x 3/4

91005

Pipe element
with flanging for overflow

Art.-Nr.	Abmessung
6910052850034	28 x 500 x 3/4

91042

45° bend,
male plain ends

Art.-Nr.	Abmessung
69104218	18
69104222	22
69104228	28
69104235	35
69104242	42

91003G

90° bend, male plain end
and female thread

Art.-Nr.	Abmessung
691003G1812	18 x 1/2

More information in our
complete catalogue
or at www.sanha.com



Dimensions are also available
under different part numbers in:
NiroTherm® Industry

NiroTherm® range

All fittings at a glance



91043

15° bend,
male plain ends

Art.-Nr.	Abmessung
69104315	15
69104318	18
69104322	22
69104328	28
69104335	35
69104354	54
691043108	108,0



91050

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

Art.-Nr.	Abmessung
69105015	15
69105018	18
69105022	22
69105028	28
69105035	35
69105042	42
69105054	54
69105064	64
69105076	76,1
691050108	108,0



91130

Tee,
female ends

Art.-Nr.	Abmessung
69113015	15
69113018	18
69113022	22
69113028	28
69113035	35
69113042	42
69113054	54
69113064	64
69113076	76,1
69113089	88,9
691130108	108,0
691130181515	18 x 15 x 15
691130181518	18 x 15 x 18
691130221515	22 x 15 x 15
691130221522	22 x 15 x 22
691130221818	22 x 18 x 18
691130221822	22 x 18 x 22
691130281528	28 x 15 x 28
691130281828	28 x 18 x 28
691130282228	28 x 22 x 28
691130351535	35 x 15 x 35
691130351835	35 x 18 x 35
691130352235	35 x 22 x 35
691130352835	35 x 28 x 35
691130421842	42 x 18 x 42
691130422242	42 x 22 x 42
691130422842	42 x 28 x 42
691130423542	42 x 35 x 42
691130542254	54 x 22 x 54
691130542854	54 x 28 x 54
691130543554	54 x 35 x 54
691130544254	54 x 42 x 54
691130642264	64 x 22 x 64
691130642864	64 x 28 x 64
691130643564	64 x 35 x 64
691130644264	64 x 42 x 64
691130645464	64 x 54 x 64
691130762276	76,1 x 22 x 76,1
691130762876	76,1 x 28 x 76,1
691130763576	76,1 x 35 x 76,1
691130764276	76,1 x 42 x 76,1
691130765476	76,1 x 54 x 76,1
691130766476	76,1 x 64 x 76,1
69130892289	88,9 x 22 x 88,9

91130

continued

Art.-Nr.	Abmessung
691130892889	88,9 x 28 x 88,9
691130893589	88,9 x 35 x 88,9
691130894289	88,9 x 42 x 88,9
691130895489	88,9 x 54 x 88,9
691130896489	88,9 x 64 x 88,9
691130897689	88,9 x 76,1 x 88,9
69113010822108	108,0 x 22 x 108,0
69113010828108	108,0 x 28 x 108,0
69113010835108	108,0 x 35 x 108,0
69113010842108	108,0 x 42 x 108,0
69113010854108	108,0 x 54 x 108,0
69113010864108	108,0 x 64 x 108,0
69113010876108	108,0 x 76,1 x 108,0
69113010889108	108,0 x 88,9 x 108,0



91044

30° bend,
male plain ends

Art.-Nr.	Abmessung
69104415	15
69104418	18
69104422	22
69104435	35
69104454	54
69104476	76,1
69104489	88,9
691044108	108,0



91058

60° bend,
male plain ends

Art.-Nr.	Abmessung
69105815	15
69105818	18
69105822	22
69105828	28
69105842	42
69105854	54
69105876	76,1
69105889	88,9
691058108	108,0



91045

75° bend,
male plain ends

Art.-Nr.	Abmessung
69104515	15
69104518	18
69104522	22
69104528	28
69104535	35
69104542	42
69104554	54



91085

Crossover,
female/female end

Art.-Nr.	Abmessung
69108515	15
69108518	18
69108522	22
69108528	28



91130G

Tee, female/female end
and female thread

Art.-Nr.	Abmessung
691130G151215	15 x 1/2 x 15
691130G181218	18 x 1/2 x 18
691130G183418	18 x 3/4 x 18
691130G221222	22 x 1/2 x 22
691130G223422	22 x 3/4 x 22
691130G281228	28 x 1/2 x 28
691130G283428	28 x 3/4 x 28
691130G28128	28 x 1 x 28
691130G351235	35 x 1/2 x 35
691130G353435	35 x 3/4 x 35
691130G3511435	35 x 1 1/4 x 35
691130G421242	42 x 1/2 x 42
691130G423442	42 x 3/4 x 42
691130G4211242	42 x 1 1/2 x 42
691130G541254	54 x 1/2 x 54
691130G543454	54 x 3/4 x 54
691130G54254	54 x 2 x 54
691130G763476	76,1 x 3/4 x 76,1
691130G76276	76,1 x 2 x 76,1
691130G893489	88,9 x 3/4 x 88,9
691130G89289	88,9 x 2 x 88,9
691130G10834108	108,0 x 3/4 x 108,0
691130G1082108	108,0 x 2 x 108,0





91087

Crossover,
male/male plain end

Art.-Nr.	Abmessung
69108715	15
69108718	18
69108722	22
69108728	28



91090

90° Elbow,
female/female end

Art.-Nr.	Abmessung
69109022	22
69109028	28



91243

Fitting reducer, with female
and male plain end

Art.-Nr.	Abmessung
6912431815	18a x 15
6912432215	22a x 15
6912432218	22a x 18
6912432815	28a x 15
6912432818	28a x 18
6912432822	28a x 22
6912433518	35a x 18
6912433522	35a x 22
6912433528	35a x 28
6912434222	42a x 22
6912434228	42a x 28
6912434235	42a x 35
6912435428	54a x 28
6912435435	54a x 35
6912435442	54a x 42
6912436442	64a x 42
6912436454	64a x 54
6912437654	76,1a x 54
6912437664	76,1a x 64
6912438954	88,9a x 54
6912438964	88,9a x 64
6912438976	88,9a x 76,1
69124310854	108,0a x 54
69124310864	108,0a x 64
69124310876	108,0a x 76,1
69124310889	108,0a x 88,9



91250

Transition nipple, with male plain
and groove for tube coupling

Art.-Nr.	Abmessung
69125028337	28 x 33,7
69125035424	35 x 42,4
69125042483	42 x 48,3
69125054603	54 x 60,3
691250761761	76,1 x 76,1
691250889889	88,9 x 88,9
691250108114	108 x 114



91090IG

90° Elbow, female end and
female thread

Art.-Nr.	Abmessung
691090IG1512	15 x 1/2
691090IG1834	18 x 3/4
691090IG2234	22 x 3/4
691090IG2812	28 x 1/2
691090IG2834	28 x 3/4
691090IG281	28 x 1
691090IG3512	35 x 1/2
691090IG3534	35 x 3/4
691090IG35114	35 x 1 1/4



91240

Reducing coupling,
female/female end

Art.-Nr.	Abmessung
6912401815	18 x 15
6912402215	22 x 15
6912402218	22 x 18
6912402822	28 x 22



91270

Coupling,
female/female end

Art.-Nr.	Abmessung
69127015	15
69127018	18
69127022	22
69127028	28
69127035	35
69127042	42
69127054	54
69127064	64
69127076	76,1
69127089	88,9
691270108	108,0



91243G

Transition nipple, with female
end and male thread

Art.-Nr.	Abmessung
691243G1538	15 x 3/8
691243G1512	15 x 1/2
691243G1534	15 x 3/4
691243G1812	18 x 1/2
691243G1834	18 x 3/4
691243G2212	22 x 1/2
691243G2234	22 x 3/4
691243G221	22 x 1
691243G2834	28 x 3/4
691243G281	28 x 1
691243G351	35 x 1
691243G35114	35 x 1 1/4
691243G42112	42 x 1 1/2
691243G542	54 x 2
691243G64212	64 x 2 1/2
691243G76212	76,1 x 2 1/2
691243G893	88,9 x 3
691243G1084	108,0 x 4



91092AG

90° Elbow, female end
and male thread

Art.-Nr.	Abmessung
691092AG1512	15 x 1/2
691092AG1812	18 x 1/2
691092AG1834	18 x 3/4
691092AG2234	22 x 3/4
691092AG281	28 x 1
691092AG35114	35 x 1 1/4
691092AG42112	42 x 1 1/2
691092AG542	54 x 2



91246G

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

Art.-Nr.	Abmessung
691246G1512	15a x 1/2
691246G1812	18a x 1/2
691246G1834	18a x 3/4
691246G2212	22a x 1/2
691246G2234	22a x 3/4
691246G2834	28a x 3/4



91270S

Slip coupling,
female/female end

Art.-Nr.	Abmessung
691270S15	15
691270S18	18
691270S22	22
691270S28	28
691270S35	35
691270S42	42
691270S54	54
691270S64	64
691270S76	76,1
691270S89	88,9
691270S108	108,0

More information in our
complete catalogue
or at www.sanha.com



Dimensions are also available
under different part numbers in:
NiroTherm® Industry

NiroTherm® range

All fittings at a glance



91270F

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

Art.-Nr.	Abmessung
691270F1512	15 x 1/2



91280

Threaded double nipple, male/male thread

Art.-Nr.	Abmessung
69128012	1/2
69128034	3/4
6912801	1



91301

Cap, female end

Art.-Nr.	Abmessung
69130115	15
69130118	18
69130122	22
69130128	28
69130135	35
69130142	42
69130154	54



91333GMVA

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

Art.-Nr.	Abmessung
691333GMVA1512	15 x 1/2
691333GMVA1534	15 x 3/4
691333GMVA1812	18 x 1/2
691333GMVA2234	22 x 3/4
691333GMVA281	22 x 1
691333GMVA35114	28 x 3/4
691333GMVA42112	28 x 1
691333GMVA542	35 x 1 1/4
691330GMVA42112	42 x 1 1/2
691330GMVA542	54 x 2



91270G

Transition coupling, with female end and female thread

Art.-Nr.	Abmessung
691270G1512	15 x 1/2
691270G1534	15 x 3/4
691270G1812	18 x 1/2
691270G1834	18 x 3/4
691270G2212	22 x 1/2
691270G2234	22 x 3/4
691270G221	22 x 1
691270G2834	28 x 3/4
691270G281	28 x 1
691270G35114	35 x 1 1/4
691270G42112	42 x 1 1/2
691270G542	54 x 2



91330

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

Art.-Nr.	Abmessung
69133015	15
69133018	18
69133022	22
69133028	28
69133035	35
69133042	42
69133054	54



91330GMVA

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

Art.-Nr.	Abmessung
691330GMVA1512	15 x 1/2
691330GMVA1534	15 x 3/4
691330GMVA1834	18 x 3/4
691330GMVA2234	22 x 3/4
691330GMVA221	22 x 1
691330GMVA2834	28 x 3/4
691330GMVA281	28 x 1
691330GMVA35114	35 x 1 1/4
691330GMVA42112	42 x 1 1/2
691330GMVA542	54 x 2



91359M

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

Art.-Nr.	Abmessung
691359M1512	15 x 1/2
691359M1534	15 x 3/4
691359M1834	18 x 3/4
691359M221	22 x 1
691359M28114	28 x 1 1/4
691359M35112	35 x 1 1/2
691359M42134	42 x 1 3/4
691359M54238	54 x 2 3/8



91280G

Double nipple, with male plain end and male thread

Art.-Nr.	Abmessung
691280G1512	15a x 1/2
691280G1812	18a x 1/2
691280G1834	18a x 3/4
691280G2212	22a x 1/2
691280G2234	22a x 3/4
691280G281	28a x 1



91330G

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

Art.-Nr.	Abmessung
691330G1512	15 x 1/2
691330G1534	15 x 3/4
691330G1834	18 x 3/4
691330G2234	22 x 3/4
691330G221	22 x 1
691330G2834	28 x 3/4
691330G281	28 x 1
691330G35114	35 x 1 1/4
691330G42112	42 x 1 1/2
691330G542	54 x 2



91333G

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

Art.-Nr.	Abmessung
691333G1512	15 x 1/2
691333G1534	15 x 3/4
691333G1812	18 x 1/2
691333G2234	22 x 3/4
691333G281	28 x 1
691333G35114	35 x 1 1/4
691333G42112	42 x 1 1/2
691333G542	54 x 2



91359MMS

NiroSan Press union adapter, brass nut

Art.-Nr.	Abmessung
691359MMS1512	15 x 1/2
691359MMS1834	18 x 3/4
691359MMS221	22 x 1
691359MMS35112	35 x 1 1/2





913706

Threaded hexagon nipple, female/male thread

Art.-Nr.	Abmessung	
691370G1212	1/2 x 1/2	•
691370G3434	3/4 x 3/4	•
69370G11	1 x 1	•



91872

Axial compensator for expansions, female/female end

Art.-Nr.	Abmessung	
69187215	15	•
69187218	18	•
69187222	22	•
69187228	28	•
69187235	35	•
69187242	42	•
69187254	54	•
69187264	64	
69187276	76,1	
69187289	88,9	
691872108	108,0	



91-VA-PF

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

Art.-Nr.	Abmessung	
691VAPF15	DN 12 / 15 mm	•
691VAPF18	DN 15 / 18 mm	•
691VAPF22	DN 20 / 22 mm	•
691VAPF28	DN 25 / 28 mm	•
691VAPF35	DN 32 / 35 mm	•
691VAPF42	DN 40 / 42 mm	•
691VAPF54	DN 50 / 54 mm	•
691VAPF64	DN 65 / 64 mm	
691VAPF76	DN 65 / 76,1 mm	•
691VAPF89	DN 80 / 88,9 mm	•
691VAPF108	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

Art.-Nr.	Abmessung	
1D15	15	•
1D20	20	•
1D25	25	•
1D32	32	•
1D40	40	•
1D50	50	•
1D65	65	•
1D80	80	•
1D100	100	•
1D125	125	•
1D150	150	•
1D200	200	•



91918

Stainless steel bracket, with acoustic insulation

Art.-Nr.	Abmessung	
69191812	12	•
69191815	15	•
69191818	18	•
69191822	22	•
69191828	28	•
69191835	35	•
69191842	42	•



NiroSan® stainless steel fitting plant in Schmiedefeld near Dresden

More information in our complete catalogue or at www.sanha.com



Dimensions are also available under different part numbers in: NiroTherm® Industry •

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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.

