

FREE SELECTION OF THE PRESSING TOOLS!
LEAK PATH FEATURE

NEW!



THE PRESSING SYSTEM **SANHA[®]-Therm**

12 – 108 mm

For heating, compressed air and cooling

SANHA[®]

www.sanha.com

THE PRESSING SYSTEM **SANHA®-Therm** – FULL COMPATABILITY OF TOOLS – GUARANTEED

✓ Full Compatibility!

SANHA®-Therm pressfittings can be pressed with all pressing jaws and tools provided for the metal connections Type M-MM (to 54 mm inclusive).

✓ Secure leak path feature!

The **SANHA®-Therm** pressfitting is designed to visibly leak before it is crimped.

We guarantee that!

✓ Particularly round press formation

- 8 points to 35 mm
- 9 points to 54 mm
- Lemon shape profile to 108 mm

Due to the conic pipe deformation, the **SANHA®-Therm** pressfittings are also secure against extraordinarily high pressure pulses.

✓ Comprehensive guarantee

SANHA® is fully liable for the tightness of the connection!

10 Year Guarantee: All ranges of **SANHA®-Therm** pressfittings are guaranteed against all manufacturing defects for 10 years when installed along with **SANHA®-Therm** pipeline components according to our installation instructions.

✓ Broad range for heating, compressed air and cooling in closed systems!

Offering full clampability and easy extraction without the necessity for additional tools such as a vice in the usual dimensions from 12 mm to 108 mm, available on stock.

✓ Great Combinability!

SANHA®-Therm pressfittings are also combinable with **SANHA® NiroTherm®** stainless steel pipes (in closed circuits).



8-Edge profile
12 mm to 35 mm



9-Edge profile
42 to 54 mm



Lemon shape profile
76,1 mm to 108 mm



SANHA®-Therm OF THE PROVEN SANHA® QUALITY FOR HEATING, COMPRESSED AIR* AND COOLING IN CLOSED SYSTEMS.

SANHA®-Therm system pipes made of carbon steel series 24000 from 12 mm to 108 mm

Material # 1.0034 according to BS EN 10305, galvanised for optimal protection against outer corrosion.



SANHA®-Therm pressfittings, refined from 12 mm to 108 mm

Material # CW024A for moulded fittings
CW617N for threaded fittings.

Marking SANHA®-Therm pressfittings

All SANHA®-Therm pressfittings are marked on the outside by a red stamp.

Press connection SANHA®-Therm pressfittings

The press connection between SANHA®-Therm pipes (SANHA® NiroTherm® stainless steel pipes) and SANHA®-Therm pressfittings creates a long-lasting, leak-proof, shape and interlocking.



Outer Pipe Diameter	12 mm to 108 mm
Pressure nominal (PN)	16
Maximum operating temperature EPDM O-Ring (colour black)	-30° C to 120° C

* up to 25 mg/m³(Class 5) max. concentration of oil according to ISO 8573-1.

SUITABLE CONVENTIONAL AND ELECTRONIC PRESS TOOLS FOR THE PRESSING SYSTEM SANHA®-Therm

Conventional pressing

Acceptable pressing jaws and slings to d = 54 mm

All pressing jaws and slings are suitable for press connections M-MM type with **SANHA**®, Geberit-Mapress/Yorkshire or Viega Profile.

For example:

SANHA ®	Service Plus pressing jaws and slings 12 mm to 54 mm (Catalog No. 6930, 6932, 6940)
	Standard pressing jaws 12 mm to 35 mm (No. 6958)
Yorkshire	Yorkshire pressing jaws 12 mm to 35 mm Yorkshire pressing slings 42 mm to 54 mm
Geberit	Geberit-Mapress pressing jaws 12 mm to 54 mm Geberit-Mapress pressing slings 42 mm to 54 mm
Viega	Viega pressing jaws for Profipress and Sanpress 12 mm to 54 mm

Furthermore, pressing jaws from the following manufacturers can be employed, provided that these ensure the original press contours of the companies **SANHA**®, Geberit-Mapress/Yorkshire or Viega:

REMS	REMS pressing clamps V 12 mm to 35 mm, M 12 mm to 35 mm, SA 12 mm to 35 mm
Roller	Roller's pressing clamps V 12 mm to 35 mm, M 12 mm to 35 mm, SA 12 mm to 35 mm
Rothenberger	Vario-Press pressing jaws V 12 mm to 54 mm, M 12 mm to 54 mm

Press machines

Usable press machines to d = 54 mm

All press machines which satisfy the following requirements are suitable:

- Minimum crimping force: 30 kN
- Mandatory throughput control: After the pressing procedure has been initiated, it must be ensured that the machine cannot be taken from a possibly incompletely pressed connection point without further measures (actuation of the emergency switch or sim.). Alternatively, the manufacturer can verify the suitability of the press tool through a certification from a recognized testing institute.
- Bolt diameter of the pressing jaw retainer: 14 mm
- Minimum width of the pressing jaw retainer: 33 mm

Electronic press machines

Acceptable pressing jaws and slings for d = 12 mm to 108 mm

For example:

SANHA ®	SANHA ® pressing jaws and slings with intermediate jaws, Catalog No. 6920, 6931.1, 6932 (d = 12 mm to 54 mm) for electronic press machine Type EFP 3/ AFP 3, ACO 3 and ECO 3/ ECO 301
	SANHA ® pressing slings and intermediate jaws, Catalog No. 6933, 6931.1, 6931.2, 6931.3 (d = 64 mm to 108 mm) for electronic SANHA ® press machines ECO 3/ ECO 301
Yorkshire	Yorkshire pressing jaws and slings (d = 12 mm to 54 mm) for electronic press machines Type ECO 3/ ECO 301 Yorkshire pressing slings and intermediate jaws Super Size (d = 76.1 mm to 108 mm) for Yorkshire press machines ECO 3/ ECO 301
Geberit	Geberit-Mapress pressing jaws and slings (d = 12 mm to 54 mm) for electronic press machines Type EFP 3/ AFP 3, ACO 3 and ECO 3/ ECO 301 Geberit-Mapress pressing slings and intermediate jaws Super Size (d = 76.1 mm to 108 mm) for Geberit-Mapress press machines ECO 3/ ECO 301

Only the manufacturers are responsible for the quality of the press tools. Concerning the usability of press machines and jaws and slings not listed here, information can be found with our application consultation under 01494 / 484255

SANHA®