

SYSTEM **KAN-therm**

Inox

Noble material
Giga possibilities



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SYSTEM KAN-therm Inox is a stainless steel pipe and fitting system with diameters range $\varnothing 12$ up to $\varnothing 168.3$ mm, which are connected by means of radial press technique.

Utilization of stainless steel results in high resistance to material corrosion and a broad scope of operating pressures and temperatures, and guarantees trouble-free long-term operation.

GIGA Size diameters 139,7 and 168,3 mm allow for applying system elements for constructing pipe installations requiring very high flow, usually found in large-cubature construction projects.

Application Possibilities:

- hot and cold water supply systems, as well as central heating,
- fire protection systems,
- industrial equipment:
 - chemical industry,
 - food industry,
 - pharmacy
- compressed air,
- water cooling systems,
- heat pumps,
- historical buildings renovation.

TECHNOLOGY OF SUCCESS



1. Pipe cutting using special rotary cutters – cut perpendicularly to the pipe axis.
2. Chamfering the external and internal edge of the pipe using special chamfers or files.



3. Marking the required pipe insertion depth – necessary for obtaining proper joint tightness.
4. Placement of jaws on the fitting and performing press connection.



Sealment

Tightness of connections in SYSTEM KAN-therm Inox provides a special O-Ring seal and a three-point “M” type crimping system.

EPDM (ethylene-propylene rubber)

FPM/Viton (fluoride rubber)

FPM/Viton (fluoride rubber)



System KAN-therm Inox fittings are, by standard, equipped with special O-rings. Depending on the required operating parameters for the system and the type of medium transported, fittings may be equipped with three types of O-rings: EPDM (factory-mounted), FPM/Viton (green – replaced by the client) and FPM/Viton (grey – replaced by the client).

Advantages of System KAN-therm Inox:

- fast and reliable installation of equipment without welding and threading,
- a large range of diameters of pipes and fittings - up to 168.3 mm,
- wide range of operating temperatures from -35 °C up to 135 °C,
- resistance to high pressure, up to 16 bars,
- the possibility of combining with other KAN-therm systems,
- light weight pipes and fittings,
- high aesthetics of performed installation,
- resistance to mechanical damage.

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