



DECLARATION OF CONFORMITY

On the basis of article 6 of Law on construction products/Zakon o gradbenih proizvodih ZGPro-1, Url. RS, št. 82, 8. 10. 2013 which is also based on European Regulation No. 305/2011

Name and address of producer

Livarna TITAN d.o.o., Kovinarska 28, 1241 Kamnik,

Field of application

Threaded pipe fittings from whiteheart malleable cast iron according to the international standard ISO49 and to the EN10242 design symbol A. Material according to EN 1562: EN-GJMW-400-05

Current technical specifications

DIN-DVGW NV-7641BR0116 valid until 07.04.2026

Intended purpose

For products in the transfer of liquids and gases, including drinking water

Surface layer

All fittings can be hot-dip galvanized with a protection of at least 80 microns

Threading

All fittings are threaded according to EN 10226-1 (EX ISO 7/1) and ISO 228

Temperature range [°C]	Max. working pressure
-20 °C to 120 °C	25 bar
120 °C to 300 °C	Interpolated value between 25 and 20
300 °C	20 bar

Essential characteristics	Value	Technical specification
Tensile strength	400 N/mm ²	<i>SIST EN 1562; SIST EN ISO 6892-1</i>
Chemical composition	%	<i>SIST EN 1562:2009</i>
Permissible working pressure	25 bar (-20°C to 120°C)	<i>SIST EN 10242:1997</i>
0,2% Proof stress	220 N/mm ²	<i>SIST EN 1562; SIST EN ISO 6892-1</i>
Elongation	7 %	<i>SIST EN 1562; SIST EN ISO 6892-1</i>
Hardness	max. 220 HB	<i>SIST EN 1562</i>

Chemical composition in mas. [%]

C	Si	Mn	S	Cr	Al	Cr + Si
2.9 – 3.25	0.08 – 0.985	0.5 – 0.6	0.14 – 0.20	max. 0.085	0.004 – 0.008	3.8 – 4.2

Head of Development and Technology
department

Kamnik, 04.03.2021

LIVARNA TITAN,
d.o.o. 6

Edin Aganović