



**Strojirenský zkušební ústav, s.p.**  
**(Engineering Test Institute, Public Enterprise)**  
Authorized Body 202  
Hudcova 424/56b, 621 00 Brno, Czech Republic  
Authorization Decision 4/2017 of 16 January 2017

# PRODUCT CERTIFICATE

no. **202/C5a/2019/B-01319-19**

In compliance with the provisions of Section 5 (a) of Government Regulation 163/2002 Coll., laying down technical requirements for selected construction products, as amended by Government Regulation 312/2005 Coll. and Government Regulation 215/2016 Coll., the Authorized Body hereby confirms that for the following construction products

System of pipes and press fittings made of stainless steel

Type designation: Inoxpres GAS

Versions: See page 2

Manufacturer: Raccorderie Metalliche S.p.A.  
Strada Sabbionetana, 59  
46010 Campitello di Marcaria (MN)  
ITALY

it has reviewed the background materials submitted by the Manufacturer, carried out the initial product type test on sample, the initial audit at the manufacturing plant and has assessed the factory production control system and ascertained that the said products meet the requirements related to essential requirements of the abovementioned Government Regulation laid down in technical regulations and in Construction Technical Certificate 202-STO-B-01172-19 of 2019-04-01 issued by Authorized Body 202 and valid until 2022-04-30, and that the factory production control system is consistent with the relevant technical documentation and ensures that the products placed on the market meet the requirements laid down by the aforesaid technical regulations and Construction Technical Certificate and are consistent with the technical documentation pursuant to Section 4 (3) of the abovementioned Government Regulation.

An integral part of this Certificate is Final Report 30-14214/MZ of 2019-04-19, which contains the conclusions drawn from the ascertainment, the verifications, test results and essential description of the certificated product, necessary for its identification.

This Certificate was first issued on 2019-04-30 and will remain valid as long as the requirements that are laid down by the technical regulations and Construction Technical Certificate, to which reference is made, or the production conditions at the manufacturing plant or the factory production control system remain substantially unchanged, unless this Certificate is amended or cancelled by the Authorized Body.

At least once every 12 months, the Authorized Body performs surveillance of proper operation of the factory production control system at the Manufacturer's premises pursuant to Section 5 (a) (3) of the abovementioned Government Regulation. The Authorized Body shall issue a report on evaluation of the surveillance and pass it to the Manufacturer.

Brno, 2019-04-30



Ing. Tomáš Hruška  
Director

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## Specification of the products – basic technical data:

Max. operating pressure:	5 bar (PN 5/GT1)
Max. allowable temperature:	-20°C to +70 °C
Material of pipes and fittings:	Stainless steel AISI 316L (no. 1.4404 name: X2CrNiMo17-12-2, EN 10312 and EN 10217-7)
O-ring:	H-NBR (yellow), model TEC H16 GI-70 giallo NBR (yellow), model TEC N31-70

Description	Type	Dimension
Pipe 1.4404 (AISI 316L), 6 m long	116/200	15x1.0; 18x1.0; 22x1.2; 28x1.2; 35x1.5; 42x1.5; 54x1.5; 76.1x2.0; 88.9x2.0; 108x2.0
Pipe 1.4404 (AISI 316L), 6 m long	116/300	15x1.0; 18x1.0; 22x1.2; 28x1.2; 35x1.5; 42x1.5; 54x1.5; 76.1x2.0; 88.9x2.0; 108x2.0
Elbow 45° FF	181/450 G	15; 18; 22; 28; 35; 42; 54; 76.1; 88.9; 108
Elbow 45° MF	181/451 G	15; 18; 22; 28; 35; 42; 54; 76.1; 88.9; 108
Elbow 90° FF	181/900 G	15; 18; 22; 28; 35; 42; 54; 76.1; 88.9; 108
Elbow 90° MF	181/901 G	15; 18; 22; 28; 35; 42; 54; 76.1; 88.9; 108
Elbow 90° with male thread	197 G	15xR1/2; 18xR1/2; 22xR3/4; 28xR3/4; 28xR1; 35xR11/4; 42xR11/2; 54xR2
Elbow 90° with female thread	198 G	15xRp1/2; 18xRp1/2; 22xRp3/4; 28xRp1/2; 28xRp1; 35xRp11/4; 42xRp11/2; 54xRp2
T-piece	182 G	15; 18; 22; 28; 35; 42; 54; 76.1; 88.9; 108
T-piece reducing MFM	188 G	28x22x28; 35x22x35; 35x28x35; 42x28x42; 54x28x28
T-piece with female thread	189 G	15xRp1/2x15; 18xRp1/2x18; 18xRp3/4x18; 22xRp1/2x22; 22xRp3/4x22; 28xRp1/2x28; 28xRp3/4x28; 35xRp1/2x35; 35xRp3/4x35; 42xRp1/2x42; 42xRp3/4x42; 54xRp1/2x54; 54xRp3/4x54; 54xRp2x54; 76.1xRp3/4x76.1; 76.1xRp2x76.1; 88.9xRp3/4x88.9; 88.9xRp2x88.9; 108xRp3/4x108; 108xRp2x108
T-piece, reducing	192 G	18x15x18; 22x15x22; 22x18x22; 28x15x28; 28x18x28; 28x22x28; 35x15x35; 35x18x35; 35x22x35; 35x28x35; 42x22x42; 42x28x42; 42x35x42; 54x22x54; 54x28x54; 54x35x54; 54x42x54; 76.1x54x76.1; 88.9x28x88.9; 88.9x54x88.9; 88.9x76.1x88.9; 108x28x108; 108x76.1x108; 108x88.9x108
Coupling	183/000 G	15; 18; 22; 28; 35; 42; 54; 76.1; 88.9; 108
Slip coupling	183/001 G	15; 18; 22; 28; 35; 42; 54; 76.1; 88.9; 108
Reduction with screw nut	183/002 G	15xG1/2; 15xG3/4; 18xG1/2; 18xG3/4; 22xG3/4; 22xG1; 28xG1; 28xG11/4; 35xG11/4; 35xG11/2; 42xG11/2; 42xG13/4; 42xG2; 54xG2; 54xG23/8; 54xG21/2
Stop end	183/003 G	15; 18; 22; 28; 35; 42; 54; 76.1; 88.9; 108
Wall plate elbow 90° FF	185/000 G	15xRp1/2; 18xRp1/2; 22xRp3/4
Extension wall plate elbow 90° FF	185/001 G	22xRp1; 28xRp1
Reduction with male thread	187 G	15xR3/8; 15xR1/2; 15xR3/4; 18xR1/2; 18xR3/4; 22xR1/2; 22xR3/4; 22xR1; 28xR3/4; 28xR1; 28xR11/4; 35xR1; 35xR11/4; 35xR11/2; 42xR11/4; 42xR11/2; 54xR11/2; 54xR2; 76.1xR21/2; 88.9xR3; 108xR4
Reduction with female thread	190 G	15xRp1/2; 15xRp3/4; 18xRp1/2; 18xRp3/4; 22xRp1/2; 22xRp3/4; 22xRp1; 28xRp3/4; 28xRp1; 28xRp11/4; 35xRp1; 35xRp11/4; 35xRp11/2; 42xRp11/4; 42xRp11/2; 54xRp11/2; 54xRp2
Adaptor flange	193 G	15; 18; 22; 28; 35; 42; 54; 76.1; 88.9; 108
Straight male union connector	184/002 G	15xR1/2; 18xR1/2; 22xR1/2; 22xR3/4; 28xR3/4; 28xR1; 35xR11/4; 42xR11/2; 54xR2
Straight female union connector	184/003 G	15xRp1/2; 18xRp1/2; 22xRp1/2; 22xRp3/4; 28xRp3/4; 28xRp1; 35xRp11/4; 42xRp11/2; 54xRp2
Straight male union connector	184/002 INOX G	15xR1/2; 18xR1/2; 22xR3/4; 28xR1; 35xR11/4
Straight female union connector	184/003 INOX G	15xRp1/2; 18xRp1/2; 22xRp3/4; 28xRp1; 35xRp11/4
Reducer MF	191 G	18x15; 22x15; 22x18; 28x15; 28x18; 28x22; 35x15; 35x18; 35x22; 35x28; 42x15; 42x18; 42x22; 42x28; 42x35; 54x15; 54x18; 54x22; 54x28; 54x35; 54x42; 76.1x54; 88.9x54; 88.9x76.1; 108x54; 108x76.1; 108x88.9
Valve connector pression outlet	183/GP G	15xG3/4; 15xG7/8; 18xG3/4; 18xG7/8; 22xG3/4; 22xG7/8
Valve connector	183/GD G	15xM20; 15xG1/2; 18xG1/2; 18xG3/4; 18xG7/8; 22xG3/4; 22xG7/8; 28xG7/8; 28xG1; 35xG11/4; 42xG11/2; 54xRp2
Valve connector 90°	183/GC G	18xG7/8; 22xG7/8
Valve connector 90° pression outlet	183/GCP G	18xG7/8; 22xG7/8

### Note:

The application and installation requirements for the products in question are limited by generally binding national regulations, technical standards (e.g. ČSN EN 1775 ed.2) and regulatory requirements of the relevant country (e.g. TPG 70401).

