



**Strojirenský zkušební ústav, s.p.**  
**(Engineering Test Institute, Public Enterprise), Authorized Body 202**  
**Hudcova 424/56b, Brno, Czech Republic**  
Authorization Decision No. 27/2006 of 2006-08-29

# PRODUCT CERTIFICATE

**No.: AO 202/C5/2015/Reg. No.: B-30-00244-15**

In compliance with the provisions of Section 5 (2) of Government Regulation 163/2002 Coll., laying down technical requirements for selected construction products, as amended, the Authorized Body hereby confirms that for the following construction products

Threaded pipe fittings in malleable cast iron, according to EN 10242

Type designation: FI brand  
Versions: see Page 2

Certificate Owner - Customer: ATUSA GRUPO EMPRESARIAL, S.A.  
Polígono Industrial ATUSA-Agurain s/n, E-01200 Salvatierra (Alava), Spain

Manufacturer: BERG MONTANA FITTINGS EAD  
Industrial Zona, BG-3400 Montana, Bulgaria

it has reviewed the background materials submitted by the Manufacturer, carried out the initial product type testing on sample, assessed the method of product inspection applied by the distributor and has ascertained that the products specified above fulfil the essential requirements of Government Regulation 163/2002 Coll., as amended. For assessing the conformity, the Authorized Body applied the following document:

ČSN EN 10242:1997.

The Authorized Body has ascertained that the method of product inspection applied by the distributor is consistent with the relevant technical documentation pursuant to Section 5 (1) (d) and ensures that the products placed on the market fulfil the requirements set above and by the abovementioned determined standard and technical regulations, and are consistent with the technical documentation pursuant to Section 4 (3).

An integral part of this Certificate is Final Report 30-12658 of 2015-03-31, which contains the conclusions drawn from the ascertainment, verification, test results and the essential description necessary for the identification of certified products.


The present Certificate shall remain valid for the period in which the requirements set by the determined standard and technical regulations, to which reference is made, or the production conditions at the manufacturing plant or the factory production control system remain substantially unchanged

At least once every 12 months, the Authorized Body performs surveillance of proper operation of the factory production control system at the manufacturing plant, takes samples of the products at the manufacturing plant, tests these samples and assesses whether the characteristics of the products comply with the determined standard and technical regulations, pursuant to the provisions of Section 5 (4) of the abovementioned Government Regulation.

Should the Authorized Body identify any deficiencies, it shall be authorized to cancel or modify this Certificate.

Brno, 2015-03-31



  
Ing. Tomáš Hruška  
Director

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**Basic technical data:**

Maximum permissible working pressure:	25 bar (2.5 MPa)	5 bar (0.5 MPa)
Medium:	Potable water, pressure air	Gases of the families 1, 2 and 3, acc. to EN 437+A1:2009
Service temperature:	-20 °C up to +120 °C for normal use	
Material:	EN-GJMW-400-05 acc. to EN 1562	
Design symbol:	A	
Installation dimensions:	External threads (R) acc. to ISO 7-1 Internal threads (Rp) acc. to ISO 7-1	

**Specification of versions:**

Symbols acc. to ČSN EN 10242	Sizes acc. to ČSN EN 10242	Internal code of the Manufacturer	Description
*)	---	85	Crossover
A1	Tab. 8	90	Elbows
A1	Tab. 9	90R	Elbows, reducing
A1/45°	Tab. 10	120	45° elbows
A4	Tab. 8	92	Male and female elbows
B1	Tab. 8	130	Tees
B1	Tab. 12	130R	Tees reducing on the run and equal on the branch
C1	Tab. 8	180	Crosses
G1	Tab. 17	2	Long sweep bends
G1/45°	Tab. 18	41	45° long sweep bend
G4	Tab. 17	1	Male and female long sweep bends
G4/45°	Tab. 18	40	45° male and female long sweep bends
M2	Tab. 19	270	Sockets
M2	Tab. 19	240	Sockets, reducing
M4	Tab. 20	529	Male and female sockets
M4	Tab. 20	246	Male and female sockets, reducing
N4	Tab. 21	241	Bushings I
N4	Tab. 21	241	Bushings II
N4	Tab. 21	241	Bushings III
N8	Tab. 22	280	Hexagon nipples
N8	Tab. 22	245	Hexagon nipples, reducing
P4	Tab. 23	310	Backnuts
T1	Tab. 24	300	Caps
T9	Tab. 24	290	Beaded plugs
U1	Tab. 25	330	Unions, flat seat
U2	Tab. 25	331	Male and female unions, flat seat
U11	Tab. 25	340	Unions, taper seat
U12	Tab. 25	341	Male and female unions, taper seat
UA1	Tab. 26	95	Union elbows, flat seat
UA2	Tab. 26	97	Male and female union elbows, flat seat
UA11	Tab. 26	96	Union elbows, taper seat
UA12	Tab. 26	98	Male and female union elbows, taper seat

\*) This product is not specified in Tables 8 to 27 in ČSN EN 10242:1997, but the requirements of ČSN EN 10242:1997 Art. 5, 6, 7, 8, and 10 have been adhered to in its construction, i.e. the requirements for material, design, dimensions, tolerances, threads and for required characteristics.

