

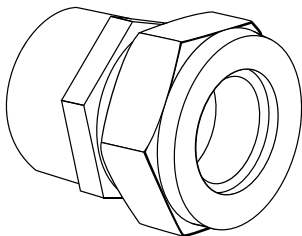


BRASS COMPRESSION FITTINGS

NEPTUN IWS

**FOR CORRUGATED STAINLESS
STEEL TUBES**

**OPERATING MANUAL
(COMBINED WITH TECHNICAL CERTIFICATE)
AKC.00040.01PЭ(П)**



POCC CN.AB87.H03856
POCC CN.AB87.H03857

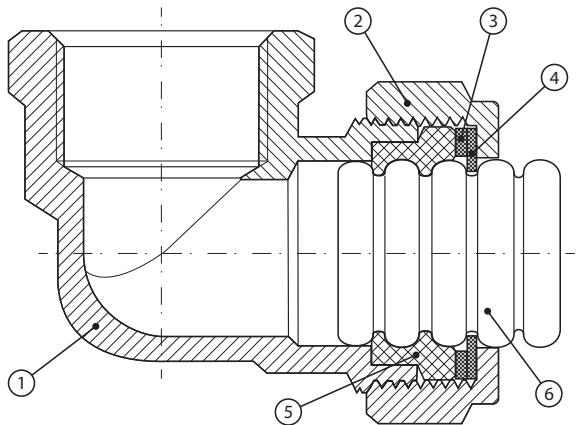


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1. PURPOSE

The brass compression fittings "Neptun IWS" are purposed for connection of the flexible corrugated stainless steel tubes "Neptun IWS" to devices with incoming junctions as well as for connection of corrugated tubes with each other.



- | | |
|-------------------|------------------------------------|
| 1. Body | 4. Fixing ring |
| 2. Coupling nut | 5. Silicone gasket |
| 3. Hold-down ring | 6. Corrugated stainless steel tube |

2. TECHNICAL DATA

The main technical data and dimension-types of fittings are specified in the table:

Item	Dimension-type of fitting			
	15 A	20 A	25 A	32 A
Body and nut material	Brass CW617N / ЛС59-1С			
Body and nut coating material *	Nickel			
Thread dimension, inch	1/2 "	3/4"	1"	1 1/4"
Operating temperatures, °C	from -50 to +150			
Operating pressure, MPa	1,5	1,2	1,0	1,0
Maximum intermittent temperature, °C	150			
Maximum intermittent pressure, MPa	5	4	3,5	2,5
Life-time period	30 years			

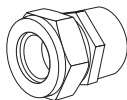
*- the fittings may be both with a coating and without it

List of fittings

Coupling Neptun IWS (M)



Coupling Neptun IWS (F)



Coupling Neptun IWS



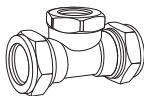
Angle pipe Neptun IWS with a fastening



Angle pipe Neptun IWS



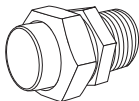
T-pipe Neptun IWS (F)



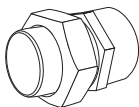
T-pipe Neptun IWS



Coupling Neptun IWS (M) gas

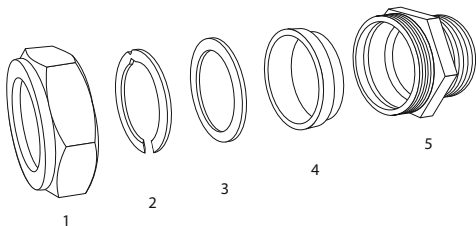


Coupling Neptun IWS (F) gas



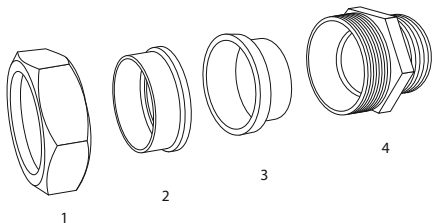
3. STRUCTURE OF FITTINGS

- for water supply systems:



1. Coupling nut
2. Fixing stainless steel ring SS304
3. Hold-down stainless steel ring SS304
4. Gasket ring of organic silicon rubber (silicone)
5. Fitting body

- for gas supply systems:



1. Coupling nut
2. Closing polyamide ring (nylon)
3. Dielectric ring of fluoro-caoutchouc (FPM)
4. Fitting body

4. OPERATION CONDITIONS AND TECHNICAL SERVICES

The fittings are to be operated at pressures and temperatures specified in clause 2 of the present technical certificate.

5. WARRANTY

The manufacturer guarantees a compliance of the brass coupling fitting "Neptun IWS" with the technical data specified in the present technical certificate, under condition of the consumer's following regulations of use, transportation, storage, installation and operation.

Warranty period is 2 years from the date of sale

5.1. Warranty services provide a free repair or replacement of the product during the whole warranty period subject to the following requirements:

- use of product according to its intended purpose;
- maintenance of product is performed in accordance with a current technical certificate;
- product has no mechanical damages as a defect cause;

5.2. If during the diagnostics or after its carrying out it has been determined that some of listed requirements is not followed, the Manufacturer or its representative has the right to deny warranty services issuing a relevant conclusion.

It suspends the guarantee of the product and a free repair/replacement of the product is not to be performed in the following cases:

- if the warranty period is expired;
- if the product was damaged during the transportation after the product had been received (during the storage, if the product was not placed in operation), or the installation and operation regulations, transportation and storage regulations were violated;

- if the terms of warranty obligations were violated, that is identified by a technical specialist of the Manufacturer or its representative in each specific case;
- if the product has indications of extraneous interference or unauthorized repair attempt.

5.3. Warranty and other obligations do not include the following fault conditions:

- mechanical damages: splits, cracks, dents etc. which were formed as a result of shocks, drops or scratches;
- damages as a result of ingress of foreign substances and objects inside of the product;
- damages as a result of improper operation or application of nonstandard or not passed a compatibility test of equipment working or connecting in combination with a present one;
- damages as a result of nature, fire and other ambient factors, climatic and other conditions.

5.4. On all occasions when the product is not applicable for warranty repair, a question of its chargeable repair may be considered at the discretion of the Manufacturer or its representative.

5.5. In no event shall the Manufacturer or its representative be liable for any damages (including all, without exception, damages for loss of profits, interruption of business and the like), associated with the use or the impossibility of use of the purchased product. In any case, according to the present warranty obligations, a compensation may not exceed the cost actually paid for the product by the Buyer.

5.6. Replacement or repair of any product part, during the warranty period, does not extend it.

5.7. To implement the warranty obligations, it is necessary to provide the Manufacturer or its representative with the following documents:

- technical certificate of the product with a QCD stamp;
- claim of the Buyer with the specified class of defect and operation conditions;
- document with the specified date of sale.

WARRANTY COUPON

I have read and understood the storage and transportation conditions, instructions on operation of the brass compression fittings NEPTUN IWS, the warranty submission terms, and do not make any claims to external appearance of the product:

_____, _____, _____ 20__ r.
signature of the Buyer clarification of signature date of sale

Seller _____

QCD stamp

Address of the Seller _____

Phone number of the Seller _____

Date of sale _____

Seller's stamp here