

TA PRK, Compression fitting

Holder/Issued to

IMI International Sp. z o.o.

Olewin 50A, PL-32-300 Olkusz, Poland

Product description

TA PRK, compression fitting consists of housing made of brass AMETAL C and compression screws of acetal plastic material. For DN63 the compression screws are made of brass AMETAL C.

The brass AMETAL C alloy is dezincification resistant and is covered by type approval 4378/86.

Compression fitting are made in dimension: 16, 20, 25, 32, 40, 50 and 63 mm. The type approval also covers threaded fittings in various variants with external- or internal thread in dimensions G 16, G 20, G 25, G 32, G 40, G 50 and G 63.

For jointing PEM pipe PN 6,3, TA support sleeve must be used.

Intended use

The products are intended for cold water installations with maximum operating pressure 1.6 MPa (16 bar), provided that pipes meet requirements for pressure class.

Compression fitting are made for jointing PE pipes PEL, PEM (PE80) and PEH (PE100).

Trade name

TA PRK. The articles that are covered by this type approval are shown in Appendix 1.

Approval

The products satisfy the requirements set forth in chapter 8, 4 § 3 PBL, in respect to and under conditions stated in this type approval, and are therefore approved in accordance with the provisions of the following sections of Boverket Building Regulations (BBR):

Tap water installations	6:62, 1st sentence and 2nd paragraph and general recommendation.
Design	6:625, 1st and 4th paragraph.

Associated documents

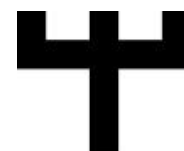
Installation instructions 304905-01, IMI PRK compression fittings, dated 2022-09.

Control

The factory production control (FPC) is monitored by an independent inspection body.

Control plan: RISE certificatin rule CR 074, dated 2018-10-10, Inspection body: RISE

When the building proprietor performs inspection at the building site, markings shall be checked to ensure that the correct products have been supplied and that they are used in accordance with the conditions in this type approval and associated documents. Further the product shall be accompanied by a manufacturer's assurance, certifying that the product has been manufactured in accordance with the documents on which this type approval is based.



Manufacturing place

Production control includes the following place:
IMI International Sp. z o.o, Poland


Marking

The products are to be marked at the factory. The marking consists of a engraving/label on every product/packing supplied and includes:

Product is marked with:

Product type	TA PRK
Dimension	DN XX Nitril/EPDM

Packing is marked with:

Holder	IMI TA
Product type designation	TA PRK
Dimension	<i>dimension</i>
Operator code + week	<i>No. + week</i>
Type approval number	0252/74
Boverket's registered trademark	
RISE Accreditation number	1002
Inspection body	RISE

Basis for approval

Reports P004345-10B, 92E30444, PX00924-12C, PX00924-13C, PX00924-16B and PX00924-15-1 from SP.

Reports 1161325, PX00924-17C, PX00924-18F, 6F005165-3, 7F009887-1, 7F009887-2 and 7F009887-3 from RISE.

Comments

Compression couplings are approved with applicable parts of NKB 18.

Test according to NKB 18 is performed on three samples to verify migration of nickel, result <80 µg.

Associated documents shall accompany the product or by other means be available to users of the product.

This type approval supersedes the previous type approval with the same number dated 2020-02-17.

Validity

Valid through 2030-01-31.

The validity of this type approval can be verified at RISE homepage.

The validity of this type approval expires when the type approved products with the intended use according to this type approval shall be CE-marked according to the Construction Products Regulation (EU) 305/2011.



Stefan Coric

This is a translation from the Swedish original document. In the event of any dispute as to its content, the Swedish original shall take precedence.

Type Approval 0252/74 | 2025-02-01

RISE Research Institutes of Sweden AB | Certification

Appendix 1. List of articles.

Description	Item number	D / DxA	d
Straight coupling	53 401-116	16	G 1/2
"	53 401-120	20	G 3/4
"	53 401-125	25	G1
"	53 401-032	32	G1 1/4
"	53 401-040	40	G1 1/2
"	53 401-050	50	G2
"	53 401-063	63	G2 1/2
Adaptern, internal thread	53 402-116	16XG1/2	G 1/2
"	53 402-120	20XG3/4	G 3/4
"	53 402-125	25XG1	G1
"	53 402-032	32XG1 1/4	G1 1/4
"	53 402-040	40XG1 1/2	G1 1/2
"	53 402-050	50XG2	G2
Reducing adapter, internal thread	53 402-720	20xG1/2	G 3/4
"	53 402-725	25xG3/4	G1
"	53 402-632	32xG1	G1 1/4
"	53 402-010	40xG1	G1 1/2
"	53 402-640	40xG1 1/4	G1 1/2
"	53 402-650	50xG1 1/2	G2
"	53 402-663	63xG2	G2 1/2
Adapter, external thread	53 403-116	16XR1/2	G 1/2
"	53 403-120	20XR3/4	G 3/4
"	53 403-125	25XR1	G1
"	53 403-032	32XR1 1/4	G1 1/4
"	53 403-040	40XR1 1/2	G1 1/2
"	53 403-050	50XR2	G2
Reducing adapter, external thread	53 403-720	20xR1/2	G 3/4
"	53 403-725	25xR3/4	G1
"	53 403-632	32xR3/4	G1 1/4
"	53 403-006	32xR1	G1 1/4
"	53 403-010	40xR1	G1 1/2
"	53 403-640	40xR1 1/4	G1 1/2
"	53 403-650	50xR1 1/2	G2
"	53 403-663	63xR2	G2 1/2
Straight coupling with FPL	53 403-240	40x58	G1 1/2

Appendix 1. List of articles, continuing.

Description	Item number	D / DxA	d
Elbow	53 404-116	16	G 1/2
"	53 404-120	20	G 3/4
"	53 404-125	25	G1
"	53 404-032	32	G1 1/4
"	53 404-040	40	G1 1/2
"	53 404-050	50	G2
"	53 404-063	63	G2 1/2
Elbow, internal thread	53 405-116	16XG1/2	G 1/2
"	53 405-120	20XG3/4	G 3/4
"	53 405-125	25XG1	G1
"	53 405-032	32XG1 1/4	G1 1/4
"	53 405-040	40XG1 1/2	G1 1/2
"	53 405-050	50XG2	G2
"	53 405-063	63xG2 1/2	G2 1/2
Elbow, external thread	53 406-116	16XR1/2	G 1/2
"	53 406-120	20XR3/4	G 3/4
"	53 406-125	25XR1	G1
"	53 406-032	32XR1 1/4	G1 1/4
"	53 406-040	40XR1 1/2	G1 1/2
"	53 406-050	50XR2	G2
Reducing elbow, external thread	53 406-006	32xR3/4	G1 1/4
"	53 406-007	32xR1	G1 1/4
"	53 406-010	40xR1	G1 1/2
"	53 406-011	40xR1 1/4	G1 1/2
"	53 406-063	63xR2	G1 1/2
Elbow with FPL	53 406-232	32x22	G1 1/4
"	53 406-240	40x28	G1 1/2
Elbow with wallplate, internal thread	53 418-716	16XG1/2	G 1/2
"	53 418-720	20XG1/2	G 3/4
"	53 418-725	25XG3/4	G1

Appendix 1. List of articles, continuing.

Description	Item number	D / Dx A	d
Tee	53 410-116	16	G 1/2
"	53 410-120	20	G 3/4
"	53 410-125	25	G1
"	53 410-032	32	G1 1/4
"	53 410-040	40	G1 1/2
"	53 410-062	40 x 32	G1 1/2 X G1 1/4
"	53 410-050	50	G2
"	53 410-079	50 x 40	G2 X G1 1/2
"	53 410-063	63	G2 1/2
"	53 410-093	63 x 40	G2 1/2 X G1 1/2
Tee, internal thread	53 415-125	25XG1	G1
"	53 415-032	32XG1 1/4	G1 1/4
"	53 415-040	40XG1 1/2	G1 1/2
"	53 415-050	50XG2	G2
"	53 415-063	63xG2 1/2	G2 1/2
Sliding straight coupling	53 423-032	32	G1 1/4
"	53 423-040	40	G1 1/2
"	53 423-050	50	G2
"	53 423-063	63	G2 1/2