

# AesPRES UNIKO Presskoppling

Innehavare/Utfärdat för

**Raccorderie Metalliche S.p.A.**

Strada Sabbionetana 59,I- 46010 Campitello di Marcara (MN), Italien

## Produktbeskrivning

Presskopplingar tillverkade av koppar (CW024A) och CW724R. Kopplingar finns i olika utföranden med dimensioner 12, 15, 18, 22, 28, 35, 42 och 54 mm.

Kopplingarna har o-ringar av EPDM som är utformade för att läcka i opressat tillstånd. Vid sammanfogning av rördel och rör förutsätts att pressverktyg med M- eller V-profil, godkänt av typgodkännandets innehavare används.

## Avsedd användning

Kopplingar avsedda för sammanfogning av kopparrör R220, R250 och R290, för kallt och varmt tappvatten samt värme/kylsystem där vattnets kvalitet kan jämföras med vatten från kommunal anläggning. Högsta tillåtna drifttryck är 1,6 MPa.

## Handelsnamn

AesPRES UNIKO Presskoppling, se Bilaga 1.

## Godkännande

Produkterna uppfyller kraven i 8 kap, 4 § 3 PBL i de avseenden och under de förutsättningar som anges i detta typgodkännande och godkänns därför enligt bestämmelserna i följande avsnitt i Boverkets byggregler (BBR):

Installationer för tappvatten  
Utformning

6:62, 1:a meningen och 2:a stycket samt allmänt råd  
6:625, 1:a och 4:e stycket

## Tillhörande handlingar

Teknisk Handbok Uniko Systems CODE 159 R0 0625 SVE

## Kontroll

Tillverkarens egenkontroll övervakas av ett oberoende kontrollorgan.

Kontrollanvisning: Ref nr. CR074 daterad 2018-10-10, Kontrollorgan: TTR Institute srl

Vid byggherrens kontroll på byggarbetsplatsen skall genom identifiering med hjälp av märkningen tillses att rätt produkter levererats och att de används enligt förutsättningarna givna i detta typgodkännande och tillhörande handlingar. Dessutom skall kontrolleras att produkten åtföljs av en tillverkarförsäkran som intygar att tillverkning skett i enlighet med de handlingar som legat till grund för detta typgodkännande.

## Tillverkningsställe

Tillverkningskontrollen omfattar följande tillverkningsställe:

Raccorderie Metalliche S.p.A. Strada Sabbionetana 59, Campitello di Marcara (MN), Italien.

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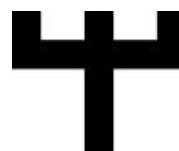
**RISE Research Institutes of Sweden AB | Certifiering**

Box 857, 501 15 Borås

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1284857

Detta certifikat är RISE egendom och får endast återges i sin helhet, om inte RISE Certifiering i förväg skriftligen godkänt annat.



## Märkning

Produkterna skall vid fabrik förses med märkning. Märkningen utgörs av text på varje levererad produkt och förpackning och omfattar:


### Kopplingar märks med:

Handelsnamn  
Dimension  
Löpande produktionsår och batchnummer

Aespres UNIKO  
*dimension*  
*år/nummer*

### Förpackning märks med:

Innehavare  
Produktens typbeteckning  
Typgodkännandets nummer  
Boverkets inregistrerade varumärke  
RISE ackrediteringsnummer  
Kontrollorgan

Raccorderie Metalliche  
*enligt handelsnamn*  
C901193  
  
1002  
TTR Institute srl

## Bedömningsunderlag

Rapport 20201209, 1109489, 1109490, 1109491, 1109492, 1109493, 1109494, 1109495, 1109496, RP1116011-001, RP1116012-001, RP1116013-001, RP1116014-001, RP1116015-001, RP1116016-001 and RP1116017-001, RP1116485, RP1116486, RP1116487, RP1116488, RP1116489, 1116728-001, RP1115161, RP1116490, RP1116491, RP1116492, RP1114663-001, RP1114661-001, RP1115161, RP1117164-001, RP1117165-001, RP1117166-001, RP1117167-001, RP1117168-001, RP1117169-001, RP1117170-001 och RP1117171-001 från TTR.  
Certifikat NW-5253CM0511 från DVGW.

## Kommentarer

Tillhörande handlingar ska medfölja produkten eller finnas tillgängliga för användare av produkten på annat sätt.

## Giltighet

Giltigt till och med 2030-06-18.

Detta typgodkännandes giltighet kan verifieras på RISE hemsida.

Detta typgodkännande upphör att gälla när de typgodkända produkterna med avsedd användning enligt detta typgodkännande skall CE-märkas enligt Byggproduktförordningen CPR (EU) 305/2011.



Stefan Coric

## Bilaga 1

Artikelnummer	Beskrivning
681012450U	Aespres Uniko elbow 45° FF Ø 12
681015450U	Aespres Uniko elbow 45° FF Ø 15
681018450U	Aespres Uniko elbow 45° FF Ø 18
681022450U	Aespres Uniko elbow 45° FF Ø 22
681028450U	Aespres Uniko elbow 45° FF Ø 28
681035450U	Aespres Uniko elbow 45° FF Ø 35
681042450U	Aespres Uniko elbow 45° FF Ø 42
681054450U	Aespres Uniko elbow 45° FF Ø 54
681012451U	Aespres Uniko elbow 45° MF Ø 12
681015451U	Aespres Uniko elbow 45° MF Ø 15
681018451U	Aespres Uniko elbow 45° MF Ø 18
681022451U	Aespres Uniko elbow 45° MF Ø 22
681028451U	Aespres Uniko elbow 45° MF Ø 28
681035451U	Aespres Uniko elbow 45° MF Ø 35
681042451U	Aespres Uniko elbow 45° MF Ø 42
681054451U	Aespres Uniko elbow 45° MF Ø 54
681012900U	Aespres Uniko elbow 90° FF Ø 12
681015900U	Aespres Uniko elbow 90° FF Ø 15
681018900U	Aespres Uniko elbow 90° FF Ø 18
681022900U	Aespres Uniko elbow 90° FF Ø 22
681028900U	Aespres Uniko elbow 90° FF Ø 28
681035900U	Aespres Uniko elbow 90° FF Ø 35
681042900U	Aespres Uniko elbow 90° FF Ø 42
681054900U	Aespres Uniko elbow 90° FF Ø 54
681012901U	Aespres Uniko elbow 90° MF Ø 12
681015901U	Aespres Uniko elbow 90° MF Ø 15
681018901U	Aespres Uniko elbow 90° MF Ø 18
681022901U	Aespres Uniko elbow 90° MF Ø 22
681028901U	Aespres Uniko elbow 90° MF Ø 28
681035901U	Aespres Uniko elbow 90° MF Ø 35
681042901U	Aespres Uniko elbow 90° MF Ø 42
681054901U	Aespres Uniko elbow 90° MF Ø 54
697308012U	Aespres Uniko elbow 90° MF 3/8"x12
697102012U	Aespres Uniko elbow 90° MF 1/2"x12
697308015U	Aespres Uniko elbow 90° MF 3/8"x15
697102015U	Aespres Uniko elbow 90° MF 1/2"x15
697102018U	Aespres Uniko elbow 90° MF 1/2"x18
697304018U	Aespres Uniko elbow 90° MF 3/4"x18
697304022U	Aespres Uniko elbow 90° MF 3/4"x22
697100028U	Aespres Uniko elbow 90° MF 1"x28
697114035U	Aespres Uniko elbow 90° MF 1 1/4"x35

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697112042U	Aespres Uniko elbow 90° MF 1"1/2x42
697200054U	Aespres Uniko elbow 90° MF 2"x54
698308012U	Aespres Uniko elbow 90° FF 3/8"x12
698102012U	Aespres Uniko elbow 90° FF 1/2"x12
698308015U	Aespres Uniko elbow 90° FF 3/8"x15
698102015U	Aespres Uniko elbow 90° FF 1/2"x15
698304015U	Aespres Uniko elbow 90° FF 3/4"x15
698102018U	Aespres Uniko elbow 90° FF 1/2"x18
698304018U	Aespres Uniko elbow 90° FF 3/4"x18
698102022U	Aespres Uniko elbow 90° FF 1/2"x22
698304022U	Aespres Uniko elbow 90° FF 3/4"x22
698100022U	Aespres Uniko elbow 90° FF 1"x22
698304028U	Aespres Uniko elbow 90° FF 3/4"x28
698100028U	Aespres Uniko elbow 90° FF 1"x28
698114035U	Aespres Uniko elbow 90° FF 1"1/4x35
698112042U	Aespres Uniko elbow 90° FF 1"1/2x42
698200054U	Aespres Uniko elbow 90° FF 2"x54
697308012BU	Aespres Uniko ang. adap. M 3/8"x12
697102012BU	Aespres Uniko ang. adap. M 1/2"x12
697308015BU	Aespres Uniko ang. adap. M 3/8"x15
697102015BU	Aespres Uniko ang. adap. M 1/2"x15
697102018BU	Aespres Uniko ang. adap. M 1/2"x18
697304018BU	Aespres Uniko ang. adap. M 3/4"x18
697304022BU	Aespres Uniko ang. adap. M 3/4"x22
697100028BU	Aespres Uniko ang. adap. M 1"x28
697114035BU	Aespres Uniko ang. adap. M 1"1/4x35
697112042BU	Aespres Uniko ang. adap. M 1"1/2x42
697200054BU	Aespres Uniko ang. adap. M 2"x54
698308012BU	Aespres Uniko ang. adap. F 3/8"x12
698102012BU	Aespres Uniko ang. adap. F 1/2"x12
698308015BU	Aespres Uniko ang. adap. F 3/8"x15
698102015BU	Aespres Uniko ang. adap. F 1/2"x15
698304015BU	Aespres Uniko ang. adap. F 3/4"x15
698102018BU	Aespres Uniko ang. adap. F 1/2"x18
698304018BU	Aespres Uniko ang. adap. F 3/4"x18
698102022BU	Aespres Uniko ang. adap. F 1/2"x22
698304022BU	Aespres Uniko ang. adap. F 3/4"x22
698100022BU	Aespres Uniko ang. adap. F 1"x22
698304028BU	Aespres Uniko ang. adap. F 3/4"x28
698100028BU	Aespres Uniko ang. adap. F 1"x28
698114035BU	Aespres Uniko ang. adap. F 1"1/4x35
698112042BU	Aespres Uniko ang. adap. F 1"1/2x42
698200054BU	Aespres Uniko ang. adap. F 2"x54

682012000U	Aespres Uniko equal tee Ø 12
682015000U	Aespres Uniko equal tee Ø 15
682018000U	Aespres Uniko equal tee Ø 18
682022000U	Aespres Uniko equal tee Ø 22
682028000U	Aespres Uniko equal tee Ø 28
682035000U	Aespres Uniko equal tee Ø 35
682042000U	Aespres Uniko equal tee Ø 42
682054000U	Aespres Uniko equal tee Ø 54
692015012U	Aespres Uniko reducing tee 15x12x15
692018012U	Aespres Uniko reducing tee 18x12x18
692018015U	Aespres Uniko reducing tee 18x15x18
692022012U	Aespres Uniko reducing tee 22x12x22
692022015U	Aespres Uniko reducing tee 22x15x22
692022018U	Aespres Uniko reducing tee 22x18x22
692028015U	Aespres Uniko reducing tee 28x15x28
692028018U	Aespres Uniko reducing tee 28x18x28
692028022U	Aespres Uniko reducing tee 28x22x28
692035015U	Aespres Uniko reducing tee 35x15x35
692035018U	Aespres Uniko reducing tee 35x18x35
692035022U	Aespres Uniko reducing tee 35x22x35
692035028U	Aespres Uniko reducing tee 35x28x35
692042022U	Aespres Uniko reducing tee 42x22x42
692042028U	Aespres Uniko reducing tee 42x28x42
692042035U	Aespres Uniko reducing tee 42x35x42
692054022U	Aespres Uniko reducing tee 54x22x54
692054028U	Aespres Uniko reducing tee 54x28x54
692054035U	Aespres Uniko reducing tee 54x35x54
692054042U	Aespres Uniko reducing tee 54x42x54
689102012U	Aespres Uniko tee F 1/2"x12
689308015U	Aespres Uniko tee F 3/8"x15
689102015U	Aespres Uniko tee F 1/2"x15
689102018U	Aespres Uniko tee F 1/2"x18
689102022U	Aespres Uniko tee F 1/2"x22
689304022U	Aespres Uniko tee F 3/4"x22
689102028U	Aespres Uniko tee F 1/2"x28
689304028U	Aespres Uniko tee F 3/4"x28
689100028U	Aespres Uniko tee F 1"x28
689102035U	Aespres Uniko tee F 1/2"x35
689102042U	Aespres Uniko tee F 1/2"x42
689102054U	Aespres Uniko tee F 1/2"x54

683012000U	Aespres Uniko coupling Ø 12
683015000U	Aespres Uniko coupling Ø 15
683018000U	Aespres Uniko coupling Ø 18
683022000U	Aespres Uniko coupling Ø 22
683028000U	Aespres Uniko coupling Ø 28
683035000U	Aespres Uniko coupling Ø 35
683042000U	Aespres Uniko coupling Ø 42
683054000U	Aespres Uniko coupling Ø 54
683012001U	Aespres Uniko slip coupling Ø 12
683015001U	Aespres Uniko slip coupling Ø 15
683018001U	Aespres Uniko slip coupling Ø 18
683022001U	Aespres Uniko slip coupling Ø 22
683028001U	Aespres Uniko slip coupling Ø 28
683035001U	Aespres Uniko slip coupling Ø 35
683042001U	Aespres Uniko slip coupling Ø 42
683054001U	Aespres Uniko slip coupling Ø 54
683015012U	Aespres Uniko valve connector 1/2"x15
683015002U	Aespres Uniko valve connector 3/4"x15
683018002U	Aespres Uniko valve connector 3/4"x18
683022012U	Aespres Uniko valve connector 3/4"x22
683022002U	Aespres Uniko valve connector 1"x22
683028012U	Aespres Uniko valve connector 1"x28
683028002U	Aespres Uniko valve connector 1"1/4x28
683028022U	Aespres Uniko valve connector 1"1/2x28
683035012U	Aespres Uniko valve connector 1"1/4x35
683035002U	Aespres Uniko valve connector 1"1/2x35
683042022U	Aespres Uniko valve connector 1"1/2x42
683042002U	Aespres Uniko valve connector 2"x42
683054022U	Aespres Uniko valve connector 2"x54
683054002U	Aespres Uniko valve connector 2"1/2x54
683012003U	Aespres Uniko stop end Ø 12
683015003U	Aespres Uniko stop end Ø 15
683018003U	Aespres Uniko stop end Ø 18
683022003U	Aespres Uniko stop end Ø 22
683028003U	Aespres Uniko stop end Ø 28
683035003U	Aespres Uniko stop end Ø 35
683042003U	Aespres Uniko stop end Ø 42
683054003U	Aespres Uniko stop end Ø 54
687308012U	Aespres Uniko adapter male 3/8"x12
687102012U	Aespres Uniko adapter male 1/2"x12
687308015U	Aespres Uniko adapter male 3/8"x15
687102015U	Aespres Uniko adapter male 1/2"x15
687304015U	Aespres Uniko adapter male 3/4"x15
687102018U	Aespres Uniko adapter male 1/2"x18

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687304018U	Aespres Uniko adapter male 3/4"x18
687102022U	Aespres Uniko adapter male 1/2"x22
687304022U	Aespres Uniko adapter male 3/4"x22
687100022U	Aespres Uniko adapter male 1"x22
687304028U	Aespres Uniko adapter male 3/4"x28
687100028U	Aespres Uniko adapter male 1"x28
687114028U	Aespres Uniko adapter male 1"1/4x28
687100035U	Aespres Uniko adapter male 1"x35
687114035U	Aespres Uniko adapter male 1"1/4x35
687112035U	Aespres Uniko adapter male 1"1/2x35
687114042U	Aespres Uniko adapter male 1"1/4x42
687112042U	Aespres Uniko adapter male 1"1/2x42
687112054U	Aespres Uniko adapter male 1"1/2x54
687200054U	Aespres Uniko adapter male 2"x54
690308012U	Aespres Uniko adapter female 3/8"x12
690102012U	Aespres Uniko adapter female 1/2"x12
690308015U	Aespres Uniko adapter female 3/8"x15
690102015U	Aespres Uniko adapter female 1/2"x15
690304015U	Aespres Uniko adapter female 3/4"x15
690102018U	Aespres Uniko adapter female 1/2"x18
690304018U	Aespres Uniko adapter female 3/4"x18
690102022U	Aespres Uniko adapter female 1/2"x22
690304022U	Aespres Uniko adapter female 3/4"x22
690100022U	Aespres Uniko adapter female 1"x22
690102028U	Aespres Uniko adapter female 1/2"x28
690304028U	Aespres Uniko adapter female 3/4"x28
690100028U	Aespres Uniko adapter female 1"x28
690114028U	Aespres Uniko adapter female 1"1/4x28
690304035U	Aespres Uniko adapter female 3/4"x35
690100035U	Aespres Uniko adapter female 1"x35
690114035U	Aespres Uniko adapter female 1"1/4x35
690114042U	Aespres Uniko adapter female 1"1/4x42
690112042U	Aespres Uniko adapter female 1"1/2x42
690200054U	Aespres Uniko adapter female 2"x54
691015012U	Aespres Uniko reducer MF 15x12
691018012U	Aespres Uniko reducer MF 18x12
691018015U	Aespres Uniko reducer MF 18x15
691022015U	Aespres Uniko reducer MF 22x15
691022018U	Aespres Uniko reducer MF 22x18
691028015U	Aespres Uniko reducer MF 28x15
691028018U	Aespres Uniko reducer MF 28x18
691028022U	Aespres Uniko reducer MF 28x22
691035022U	Aespres Uniko reducer MF 35x22
691035028U	Aespres Uniko reducer MF 35x28

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691042022U	Aespres Uniko reducer MF 42x22
691042028U	Aespres Uniko reducer MF 42x28
691042035U	Aespres Uniko reducer MF 42x35
691054035U	Aespres Uniko reducer MF 54x35
691054042U	Aespres Uniko reducer MF 54x42
684012001U	Aespres Uniko flat faced union Ø 12
684015001U	Aespres Uniko flat faced union Ø 15
684018001U	Aespres Uniko flat faced union Ø 18
684022001U	Aespres Uniko flat faced union Ø 22
684028001U	Aespres Uniko flat faced union Ø 28
684035001U	Aespres Uniko flat faced union Ø 35
684042001U	Aespres Uniko flat faced union Ø 42
684054001U	Aespres Uniko flat faced union Ø 54
684012012U	Aespres Uniko union male 3/8"x12
684012002U	Aespres Uniko union male 1/2"x12
684015002U	Aespres Uniko union male 1/2"x15
684015012U	Aespres Uniko union male 3/4"x15
684018002U	Aespres Uniko union male 1/2"x18
684018012U	Aespres Uniko union male 3/4"x18
684022022U	Aespres Uniko union male 1/2"x22
684022002U	Aespres Uniko union male 3/4"x22
684022012U	Aespres Uniko union male 1"x22
684028012U	Aespres Uniko union male 3/4"x28
684028002U	Aespres Uniko union male 1"x28
684035002U	Aespres Uniko union male 1"1/4x35
684042002U	Aespres Uniko union male 1"1/2x42
684054002U	Aespres Uniko union male 2"x54
669102112U	Aespres Uniko red. socket M 1/2"x12
669102115U	Aespres Uniko red. socket M 1/2"x15
669102118U	Aespres Uniko red. socket M 1/2"x18
669304118U	Aespres Uniko red. socket M 3/4"x18
669102122U	Aespres Uniko red. socket M 1/2"x22
669304122U	Aespres Uniko red. socket M 3/4"x22
669304128U	Aespres Uniko red. socket M 3/4"x28
669100128U	Aespres Uniko red. socket M 1"x28
669114135U	Aespres Uniko red. socket M 1"1/4x35
669112142U	Aespres Uniko red. socket M 1"1/2x42
669200154U	Aespres Uniko red. socket M 2"x54
669308012U	Aespres Uniko red. socket F 3/8"x12
669102012U	Aespres Uniko red. socket F 1/2"x12
669308015U	Aespres Uniko red. socket F 3/8"x15
669102015U	Aespres Uniko red. socket F 1/2"x15
669102018U	Aespres Uniko red. socket F 1/2"x18
669304018U	Aespres Uniko red. socket F 3/4"x18

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669102022U	Aespres Uniko red. socket F 1/2"x22
669304022U	Aespres Uniko red. socket F 3/4"x22
669304028U	Aespres Uniko red. socket F 3/4"x28
669100028U	Aespres Uniko red. socket F 1"x28
669114035U	Aespres Uniko red. socket F 1"1/4x35
669112042U	Aespres Uniko red. socket F 1"1/2x42
669200054U	Aespres Uniko red. socket F 2"x54
685102012U	Aespres Uniko wall plate female 1/2"x12
685102015U	Aespres Uniko wall plate female 1/2"x15
685102018U	Aespres Uniko wall plate female 1/2"x18
685304022U	Aespres Uniko wall plate female 3/4"x22
685102315U	Aespres Uniko corner tee w./flg 15x1/2"
685102318U	Aespres Uniko corner tee w./flg 18x1/2"
685102322U	Aespres Uniko corner tee w./flg 22x1/2"
679012001U	Aespres Uniko pipe bridge MF Ø 12
679015001U	Aespres Uniko pipe bridge MF Ø 15
679018001U	Aespres Uniko pipe bridge MF Ø 18
679022001U	Aespres Uniko pipe bridge MF Ø 22
679012002U	Aespres Uniko pipe bridge FF Ø 12
679015002U	Aespres Uniko pipe bridge FF Ø 15
679018002U	Aespres Uniko pipe bridge FF Ø 18
679022002U	Aespres Uniko pipe bridge FF Ø 22
669014015U	Aespres Uniko FM adapter 14x15
669016015U	Aespres Uniko FM adapter 16x15
669016018U	Aespres Uniko FM adapter 16x18

## AesPRES UNIKO Press fitting

### Holder/Issued to

### Raccorderie Metalliche S.p.A.

Strada Sabbionetana 59, I- 46010 Campitello di Marcara (MN), Italy

### Product description

Press fittings made of copper (CW024A) and CW724R. The fittings are available in various designs with dimensions of 15, 18, 22, 28, 35, 42, and 54 mm. The fittings have EPDM O-rings designed to leak in an unpressed state. When joining the fitting and pipe, it is assumed that pressing tools with an M or V profile, approved by the holder of the type approval, are used.

### Intended use

Fittings intended for joining copper pipes R220, R250, and R290, for cold and hot potable water as well as heating/cooling systems where the water quality can be equated with water from a municipal facility. The maximum allowable operating pressure is 1.6 MPa.

### Trade name

AesPRES UNIKO Press fitting, see appendix 1.

### Approval

The products satisfies 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) issued by the National Board of Housing, Building and Planning.

Tap water installations	6:62, 1 <sup>st</sup> sentence and 2 <sup>nd</sup> paragraph, as well as general recommendation
Design	6:625, 1 <sup>st</sup> and 4 <sup>th</sup> paragraph

### Associated documents

Teknisk Handbok Uniko Systems CODE 159 R0 0625 SVE

### Control

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

Control plan: Ref no. CR074 dated 2018-10-10, Inspection body: TTR Institute srl

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:

Raccorderie Metalliche S.p.A. Strada Sabbionetana 59, Campitello di Marcara (MN), Italy

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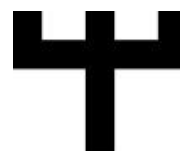
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Akkred. nr. 1002  
Produktcertifiering  
ISO/IEC 17065

## Marking

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

### Fittings are marked with:

Brand name	aesPRES UNIKO
Dimension	<i>dimension</i>
Consecutive manufacture date of production	<i>year/number</i>

### Packagings are marked with:

Holder	Raccorderie Metalliche
Product type designation	<i>trade name</i>
Type approval number	C901193
Boverket's registered trade mark	
RISE Accreditation number	1002
Inspection body	TTR Institute srl

## Basis for approval

Report 20201209, 1109489, 1109490, 1109491, 1109492, 1109493, 1109494, 1109495, 1109496, RP1116011-001, RP1116012-001, RP1116013-001, RP1116014-001, RP1116015-001, RP1116016-001 and RP1116017-001, RP1116485, RP1116486, RP1116487, RP1116488, RP1116489, 1116728-001, RP1115161, RP1116490, RP1116491, RP1116492, RP1114663-001, RP1114661-001, RP1115161, RP1117164-001, RP1117165-001, RP1117166-001, RP1117167-001, RP1117168-001, RP1117169-001, RP1117170-001 och RP1117171-001 from TTR.  
Certifikate NW-5253CM0511 from DVGW.

## Comments

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

## Validity

Valid through 2030-06-18..

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.*

## Appendix 1

Code	Description
681012450U	Aespres Uniko elbow 45° FF Ø 12
681015450U	Aespres Uniko elbow 45° FF Ø 15
681018450U	Aespres Uniko elbow 45° FF Ø 18
681022450U	Aespres Uniko elbow 45° FF Ø 22
681028450U	Aespres Uniko elbow 45° FF Ø 28
681035450U	Aespres Uniko elbow 45° FF Ø 35
681042450U	Aespres Uniko elbow 45° FF Ø 42
681054450U	Aespres Uniko elbow 45° FF Ø 54
681012451U	Aespres Uniko elbow 45° MF Ø 12
681015451U	Aespres Uniko elbow 45° MF Ø 15
681018451U	Aespres Uniko elbow 45° MF Ø 18
681022451U	Aespres Uniko elbow 45° MF Ø 22
681028451U	Aespres Uniko elbow 45° MF Ø 28
681035451U	Aespres Uniko elbow 45° MF Ø 35
681042451U	Aespres Uniko elbow 45° MF Ø 42
681054451U	Aespres Uniko elbow 45° MF Ø 54
681012900U	Aespres Uniko elbow 90° FF Ø 12
681015900U	Aespres Uniko elbow 90° FF Ø 15
681018900U	Aespres Uniko elbow 90° FF Ø 18
681022900U	Aespres Uniko elbow 90° FF Ø 22
681028900U	Aespres Uniko elbow 90° FF Ø 28
681035900U	Aespres Uniko elbow 90° FF Ø 35
681042900U	Aespres Uniko elbow 90° FF Ø 42
681054900U	Aespres Uniko elbow 90° FF Ø 54
681012901U	Aespres Uniko elbow 90° MF Ø 12
681015901U	Aespres Uniko elbow 90° MF Ø 15
681018901U	Aespres Uniko elbow 90° MF Ø 18
681022901U	Aespres Uniko elbow 90° MF Ø 22
681028901U	Aespres Uniko elbow 90° MF Ø 28
681035901U	Aespres Uniko elbow 90° MF Ø 35
681042901U	Aespres Uniko elbow 90° MF Ø 42
681054901U	Aespres Uniko elbow 90° MF Ø 54
697308012U	Aespres Uniko elbow 90° MF 3/8"x12
697102012U	Aespres Uniko elbow 90° MF 1/2"x12
697308015U	Aespres Uniko elbow 90° MF 3/8"x15
697102015U	Aespres Uniko elbow 90° MF 1/2"x15
697102018U	Aespres Uniko elbow 90° MF 1/2"x18
697304018U	Aespres Uniko elbow 90° MF 3/4"x18
697304022U	Aespres Uniko elbow 90° MF 3/4"x22
697100028U	Aespres Uniko elbow 90° MF 1"x28
697114035U	Aespres Uniko elbow 90° MF 1"1/4"x35

697112042U	Aespres Uniko elbow 90° MF 1"1/2x42
697200054U	Aespres Uniko elbow 90° MF 2"x54
698308012U	Aespres Uniko elbow 90° FF 3/8"x12
698102012U	Aespres Uniko elbow 90° FF 1/2"x12
698308015U	Aespres Uniko elbow 90° FF 3/8"x15
698102015U	Aespres Uniko elbow 90° FF 1/2"x15
698304015U	Aespres Uniko elbow 90° FF 3/4"x15
698102018U	Aespres Uniko elbow 90° FF 1/2"x18
698304018U	Aespres Uniko elbow 90° FF 3/4"x18
698102022U	Aespres Uniko elbow 90° FF 1/2"x22
698304022U	Aespres Uniko elbow 90° FF 3/4"x22
698100022U	Aespres Uniko elbow 90° FF 1"x22
698304028U	Aespres Uniko elbow 90° FF 3/4"x28
698100028U	Aespres Uniko elbow 90° FF 1"x28
698114035U	Aespres Uniko elbow 90° FF 1"1/4x35
698112042U	Aespres Uniko elbow 90° FF 1"1/2x42
698200054U	Aespres Uniko elbow 90° FF 2"x54
697308012BU	Aespres Uniko ang. adap. M 3/8"x12
697102012BU	Aespres Uniko ang. adap. M 1/2"x12
697308015BU	Aespres Uniko ang. adap. M 3/8"x15
697102015BU	Aespres Uniko ang. adap. M 1/2"x15
697102018BU	Aespres Uniko ang. adap. M 1/2"x18
697304018BU	Aespres Uniko ang. adap. M 3/4"x18
697304022BU	Aespres Uniko ang. adap. M 3/4"x22
697100028BU	Aespres Uniko ang. adap. M 1"x28
697114035BU	Aespres Uniko ang. adap. M 1"1/4x35
697112042BU	Aespres Uniko ang. adap. M 1"1/2x42
697200054BU	Aespres Uniko ang. adap. M 2"x54
698308012BU	Aespres Uniko ang. adap. F 3/8"x12
698102012BU	Aespres Uniko ang. adap. F 1/2"x12
698308015BU	Aespres Uniko ang. adap. F 3/8"x15
698102015BU	Aespres Uniko ang. adap. F 1/2"x15
698304015BU	Aespres Uniko ang. adap. F 3/4"x15
698102018BU	Aespres Uniko ang. adap. F 1/2"x18
698304018BU	Aespres Uniko ang. adap. F 3/4"x18
698102022BU	Aespres Uniko ang. adap. F 1/2"x22
698304022BU	Aespres Uniko ang. adap. F 3/4"x22
698100022BU	Aespres Uniko ang. adap. F 1"x22
698304028BU	Aespres Uniko ang. adap. F 3/4"x28
698100028BU	Aespres Uniko ang. adap. F 1"x28
698114035BU	Aespres Uniko ang. adap. F 1"1/4x35
698112042BU	Aespres Uniko ang. adap. F 1"1/2x42
698200054BU	Aespres Uniko ang. adap. F 2"x54

682012000U	Aespres Uniko equal tee Ø 12
682015000U	Aespres Uniko equal tee Ø 15
682018000U	Aespres Uniko equal tee Ø 18
682022000U	Aespres Uniko equal tee Ø 22
682028000U	Aespres Uniko equal tee Ø 28
682035000U	Aespres Uniko equal tee Ø 35
682042000U	Aespres Uniko equal tee Ø 42
682054000U	Aespres Uniko equal tee Ø 54
692015012U	Aespres Uniko reducing tee 15x12x15
692018012U	Aespres Uniko reducing tee 18x12x18
692018015U	Aespres Uniko reducing tee 18x15x18
692022012U	Aespres Uniko reducing tee 22x12x22
692022015U	Aespres Uniko reducing tee 22x15x22
692022018U	Aespres Uniko reducing tee 22x18x22
692028015U	Aespres Uniko reducing tee 28x15x28
692028018U	Aespres Uniko reducing tee 28x18x28
692028022U	Aespres Uniko reducing tee 28x22x28
692035015U	Aespres Uniko reducing tee 35x15x35
692035018U	Aespres Uniko reducing tee 35x18x35
692035022U	Aespres Uniko reducing tee 35x22x35
692035028U	Aespres Uniko reducing tee 35x28x35
692042022U	Aespres Uniko reducing tee 42x22x42
692042028U	Aespres Uniko reducing tee 42x28x42
692042035U	Aespres Uniko reducing tee 42x35x42
692054022U	Aespres Uniko reducing tee 54x22x54
692054028U	Aespres Uniko reducing tee 54x28x54
692054035U	Aespres Uniko reducing tee 54x35x54
692054042U	Aespres Uniko reducing tee 54x42x54
689102012U	Aespres Uniko tee F 1/2"x12
689308015U	Aespres Uniko tee F 3/8"x15
689102015U	Aespres Uniko tee F 1/2"x15
689102018U	Aespres Uniko tee F 1/2"x18
689102022U	Aespres Uniko tee F 1/2"x22
689304022U	Aespres Uniko tee F 3/4"x22
689102028U	Aespres Uniko tee F 1/2"x28
689304028U	Aespres Uniko tee F 3/4"x28
689100028U	Aespres Uniko tee F 1"x28
689102035U	Aespres Uniko tee F 1/2"x35
689102042U	Aespres Uniko tee F 1/2"x42
689102054U	Aespres Uniko tee F 1/2"x54



683012000U	Aespres Uniko coupling Ø 12
683015000U	Aespres Uniko coupling Ø 15
683018000U	Aespres Uniko coupling Ø 18
683022000U	Aespres Uniko coupling Ø 22
683028000U	Aespres Uniko coupling Ø 28
683035000U	Aespres Uniko coupling Ø 35
683042000U	Aespres Uniko coupling Ø 42
683054000U	Aespres Uniko coupling Ø 54
683012001U	Aespres Uniko slip coupling Ø 12
683015001U	Aespres Uniko slip coupling Ø 15
683018001U	Aespres Uniko slip coupling Ø 18
683022001U	Aespres Uniko slip coupling Ø 22
683028001U	Aespres Uniko slip coupling Ø 28
683035001U	Aespres Uniko slip coupling Ø 35
683042001U	Aespres Uniko slip coupling Ø 42
683054001U	Aespres Uniko slip coupling Ø 54
683015012U	Aespres Uniko valve connector 1/2"x15
683015002U	Aespres Uniko valve connector 3/4"x15
683018002U	Aespres Uniko valve connector 3/4"x18
683022012U	Aespres Uniko valve connector 3/4"x22
683022002U	Aespres Uniko valve connector 1"x22
683028012U	Aespres Uniko valve connector 1"x28
683028002U	Aespres Uniko valve connector 1"1/4x28
683028022U	Aespres Uniko valve connector 1"1/2x28
683035012U	Aespres Uniko valve connector 1"1/4x35
683035002U	Aespres Uniko valve connector 1"1/2x35
683042022U	Aespres Uniko valve connector 1"1/2x42
683042002U	Aespres Uniko valve connector 2"x42
683054022U	Aespres Uniko valve connector 2"x54
683054002U	Aespres Uniko valve connector 2"1/2x54
683012003U	Aespres Uniko stop end Ø 12
683015003U	Aespres Uniko stop end Ø 15
683018003U	Aespres Uniko stop end Ø 18
683022003U	Aespres Uniko stop end Ø 22
683028003U	Aespres Uniko stop end Ø 28
683035003U	Aespres Uniko stop end Ø 35
683042003U	Aespres Uniko stop end Ø 42
683054003U	Aespres Uniko stop end Ø 54
687308012U	Aespres Uniko adapter male 3/8"x12
687102012U	Aespres Uniko adapter male 1/2"x12
687308015U	Aespres Uniko adapter male 3/8"x15
687102015U	Aespres Uniko adapter male 1/2"x15
687304015U	Aespres Uniko adapter male 3/4"x15
687102018U	Aespres Uniko adapter male 1/2"x18

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687304018U	Aespres Uniko adapter male 3/4"x18
687102022U	Aespres Uniko adapter male 1/2"x22
687304022U	Aespres Uniko adapter male 3/4"x22
687100022U	Aespres Uniko adapter male 1"x22
687304028U	Aespres Uniko adapter male 3/4"x28
687100028U	Aespres Uniko adapter male 1"x28
687114028U	Aespres Uniko adapter male 1"1/4x28
687100035U	Aespres Uniko adapter male 1"x35
687114035U	Aespres Uniko adapter male 1"1/4x35
687112035U	Aespres Uniko adapter male 1"1/2x35
687114042U	Aespres Uniko adapter male 1"1/4x42
687112042U	Aespres Uniko adapter male 1"1/2x42
687112054U	Aespres Uniko adapter male 1"1/2x54
687200054U	Aespres Uniko adapter male 2"x54
690308012U	Aespres Uniko adapter female 3/8"x12
690102012U	Aespres Uniko adapter female 1/2"x12
690308015U	Aespres Uniko adapter female 3/8"x15
690102015U	Aespres Uniko adapter female 1/2"x15
690304015U	Aespres Uniko adapter female 3/4"x15
690102018U	Aespres Uniko adapter female 1/2"x18
690304018U	Aespres Uniko adapter female 3/4"x18
690102022U	Aespres Uniko adapter female 1/2"x22
690304022U	Aespres Uniko adapter female 3/4"x22
690100022U	Aespres Uniko adapter female 1"x22
690102028U	Aespres Uniko adapter female 1/2"x28
690304028U	Aespres Uniko adapter female 3/4"x28
690100028U	Aespres Uniko adapter female 1"x28
690114028U	Aespres Uniko adapter female 1"1/4x28
690304035U	Aespres Uniko adapter female 3/4"x35
690100035U	Aespres Uniko adapter female 1"x35
690114035U	Aespres Uniko adapter female 1"1/4x35
690114042U	Aespres Uniko adapter female 1"1/4x42
690112042U	Aespres Uniko adapter female 1"1/2x42
690200054U	Aespres Uniko adapter female 2"x54
691015012U	Aespres Uniko reducer MF 15x12
691018012U	Aespres Uniko reducer MF 18x12
691018015U	Aespres Uniko reducer MF 18x15
691022015U	Aespres Uniko reducer MF 22x15
691022018U	Aespres Uniko reducer MF 22x18
691028015U	Aespres Uniko reducer MF 28x15
691028018U	Aespres Uniko reducer MF 28x18
691028022U	Aespres Uniko reducer MF 28x22
691035022U	Aespres Uniko reducer MF 35x22
691035028U	Aespres Uniko reducer MF 35x28

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691042022U	Aespres Uniko reducer MF 42x22
691042028U	Aespres Uniko reducer MF 42x28
691042035U	Aespres Uniko reducer MF 42x35
691054035U	Aespres Uniko reducer MF 54x35
691054042U	Aespres Uniko reducer MF 54x42
684012001U	Aespres Uniko flat faced union Ø 12
684015001U	Aespres Uniko flat faced union Ø 15
684018001U	Aespres Uniko flat faced union Ø 18
684022001U	Aespres Uniko flat faced union Ø 22
684028001U	Aespres Uniko flat faced union Ø 28
684035001U	Aespres Uniko flat faced union Ø 35
684042001U	Aespres Uniko flat faced union Ø 42
684054001U	Aespres Uniko flat faced union Ø 54
684012012U	Aespres Uniko union male 3/8"x12
684012002U	Aespres Uniko union male 1/2"x12
684015002U	Aespres Uniko union male 1/2"x15
684015012U	Aespres Uniko union male 3/4"x15
684018002U	Aespres Uniko union male 1/2"x18
684018012U	Aespres Uniko union male 3/4"x18
684022022U	Aespres Uniko union male 1/2"x22
684022002U	Aespres Uniko union male 3/4"x22
684022012U	Aespres Uniko union male 1"x22
684028012U	Aespres Uniko union male 3/4"x28
684028002U	Aespres Uniko union male 1"x28
684035002U	Aespres Uniko union male 1"1/4x35
684042002U	Aespres Uniko union male 1"1/2x42
684054002U	Aespres Uniko union male 2"x54
669102112U	Aespres Uniko red. socket M 1/2"x12
669102115U	Aespres Uniko red. socket M 1/2"x15
669102118U	Aespres Uniko red. socket M 1/2"x18
669304118U	Aespres Uniko red. socket M 3/4"x18
669102122U	Aespres Uniko red. socket M 1/2"x22
669304122U	Aespres Uniko red. socket M 3/4"x22
669304128U	Aespres Uniko red. socket M 3/4"x28
669100128U	Aespres Uniko red. socket M 1"x28
669114135U	Aespres Uniko red. socket M 1"1/4x35
669112142U	Aespres Uniko red. socket M 1"1/2x42
669200154U	Aespres Uniko red. socket M 2"x54
669308012U	Aespres Uniko red. socket F 3/8"x12
669102012U	Aespres Uniko red. socket F 1/2"x12
669308015U	Aespres Uniko red. socket F 3/8"x15
669102015U	Aespres Uniko red. socket F 1/2"x15
669102018U	Aespres Uniko red. socket F 1/2"x18
669304018U	Aespres Uniko red. socket F 3/4"x18

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669102022U	Aespres Uniko red. socket F 1/2"x22
669304022U	Aespres Uniko red. socket F 3/4"x22
669304028U	Aespres Uniko red. socket F 3/4"x28
669100028U	Aespres Uniko red. socket F 1"x28
669114035U	Aespres Uniko red. socket F 1"1/4x35
669112042U	Aespres Uniko red. socket F 1"1/2x42
669200054U	Aespres Uniko red. socket F 2"x54
685102012U	Aespres Uniko wall plate female 1/2"x12
685102015U	Aespres Uniko wall plate female 1/2"x15
685102018U	Aespres Uniko wall plate female 1/2"x18
685304022U	Aespres Uniko wall plate female 3/4"x22
685102315U	Aespres Uniko corner tee w./flg 15x1/2"
685102318U	Aespres Uniko corner tee w./flg 18x1/2"
685102322U	Aespres Uniko corner tee w./flg 22x1/2"
679012001U	Aespres Uniko pipe bridge MF Ø 12
679015001U	Aespres Uniko pipe bridge MF Ø 15
679018001U	Aespres Uniko pipe bridge MF Ø 18
679022001U	Aespres Uniko pipe bridge MF Ø 22
679012002U	Aespres Uniko pipe bridge FF Ø 12
679015002U	Aespres Uniko pipe bridge FF Ø 15
679018002U	Aespres Uniko pipe bridge FF Ø 18
679022002U	Aespres Uniko pipe bridge FF Ø 22
669014015U	Aespres Uniko FM adapter 14x15
669016015U	Aespres Uniko FM adapter 16x15
669016018U	Aespres Uniko FM adapter 16x18