

## PRODUCTION RANGE

| Product   | Code   | size A   | size B |
|---|--|----------|--------|
|  | <b>Fitting with rotating nut, Gas thread - flat gasket</b> |          |        |
|   | 812.14.10  | 14X2     | 3/8" F |
|   | 812.16.10  | 16X2     | 3/8" F |
|   | 812.14.20  | 14X2     | 1/2" F |
|   | 812.16.20  | 16X2     | 1/2" F |
|   | 812.20.20  | 20X2     | 1/2" F |
|   | 812.16.30  | 16X2     | 3/4" F |
|   | 812.18.30  | 18X2     | 3/4" F |
|   | 812.20.30  | 20X2     | 3/4" F |
|   | 812.26.30  | 26X3     | 3/4" F |
|   | 812.26.40  | 26X3     | 1" F   |
| 812.32.50   | 32X3   | 1 1/4" F |        |

| Product   | Code  | size A | size B   |
|---|---|--------|----------|
|  | <b>Fitting with rotating nut, Gas thread - Euroconus gasket</b> |        |          |
|   | 963.16.30   | 16X2   | 3/4" F * |
|   | 963.18.30   | 18X2   | 3/4" F * |
|   | 963.20.30   | 20X2   | 3/4" F * |
|   | 963.26.30   | 26X3   | 3/4" F * |
|   |   |        |          |
|   |   |        |          |
|   |   |        |          |
|   |   |        |          |
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|   |   |        |          |

\* G 3/4" Euroconus thread - UNI-EN-ISO 228

| Product  | Code  | size A | size B |
|--|---|--------|--------|
|  | <b>Fitting with rotating nut, RBM standard thread</b> |        |        |
|  | 826.14.00   | 14X2   | RBM *  |
|  | 826.16.00   | 16X2   | RBM *  |
|  | 826.18.00   | 18X2   | RBM *  |
|  | 826.20.00   | 20X2   | RBM *  |
|  |   |        |        |
|  |   |        |        |
|  |   |        |        |
|  |   |        |        |
|  |   |        |        |

\* RBM standard thread W 24,5x19F

| Product  | Code   | size A | size B    |
|--|--|--------|-----------|
|  | <b>Fitting with rotating nut, W28X18F gasket</b> |        |           |
|  | 962.14.00  | 14X2   | W28x19F * |
|  | 962.16.00  | 16X2   | W28x19F * |
|  | 962.18.00  | 18X2   | W28x19F * |
|  | 962.20.00  | 20X2   | W28x19F * |
|  | 962.26.00  | 26X3   | W28x19F * |
|  |  |        |           |
|  |  |        |           |
|  |  |        |           |
|  |  |        |           |
|  |  |        |           |

\* Withworth W28x19F thread

| Product   | Code                                 | size A | size B |
|---|--------------------------------------|--------|--------|
|  | <b>Straight intermediate fitting</b> |        |        |
|   | 671.14.00                            | 14X2   | -      |
|   | 671.16.00                            | 16X2   | -      |
|   | 671.18.00                            | 18X2   | -      |
|   | 671.20.00                            | 20X2   | -      |
|   | 671.26.00                            | 26X3   | -      |
|   | 671.32.00                            | 32X3   | -      |
|   | 671.40.00                            | 40X3,5 | -      |
|   | 671.50.00                            | 50X4   | -      |
|   | 671.63.00                            | 63X4,5 | -      |
|   |                                      |        |        |
|   |                                      |        |        |
|   |                                      |        |        |

| Product  | Code   | size A | size B   |
|--|--|--------|----------|
|  | <b>Straight fitting, female Gas connection</b> |        |          |
|  | 672.14.20                                      | 14X2   | 1/2" F   |
|  | 672.16.20                                      | 16X2   | 1/2" F   |
|  | 672.18.20                                      | 18X2   | 1/2" F   |
|  | 672.20.20                                      | 20X2   | 1/2" F   |
|  | 672.18.30                                      | 18X2   | 3/4" F   |
|  | 672.20.30                                      | 20X2   | 3/4" F   |
|  | 672.26.30                                      | 26X3   | 3/4" F   |
|  | 672.26.40                                      | 26X3   | 1" F     |
|  | 672.32.40                                      | 32X3   | 1" F     |
|  | 672.40.40                                      | 40X3,5 | 1" F     |
|  | 672.40.50                                      | 40X3,5 | 1" 1/4 F |
|  | 672.50.60                                      | 50X4   | 1" 1/2 F |
|  | 672.63.70                                      | 63X4,5 | 2" F     |
|  |  |        |          |

| Product   | Code   | size A   | size B   |
|---|--|----------|----------|
|  | <b>Straight fitting, male Gas connection</b> |          |          |
|   | 673.14.10                                    | 14X2     | 3/8" M   |
|   | 673.16.10                                    | 16X2     | 3/8" M   |
|   | 673.14.20                                    | 14X2     | 1/2" M   |
|   | 673.16.20                                    | 16X2     | 1/2" M   |
|   | 673.18.20                                    | 18X2     | 1/2" M   |
|   | 673.20.20                                    | 20X2     | 1/2" M   |
|   | 673.18.30                                    | 18X2     | 3/4" M   |
|   | 673.20.30                                    | 20X2     | 3/4" M   |
|   | 673.26.30                                    | 26X3     | 3/4" M   |
|   | 673.26.40                                    | 26X3     | 1" M     |
|   | 673.32.40                                    | 32X3     | 1" M     |
|   | 673.40.50                                    | 40X3,5   | 1" 1/4 M |
| 673.50.60   | 50X4   | 1" 1/2 M |          |
| 673.63.70   | 63X4,5                                       | 2" M     |          |
|   |  |          |          |

| Product  | Code                              | size A | size B |
|--|-----------------------------------|--------|--------|
|  | <b>Intermediate elbow fitting</b> |        |        |
|  | 674.14.00                         | 14X2   | -      |
|  | 674.16.00                         | 16X2   | -      |
|  | 674.18.00                         | 18X2   | -      |
|  | 674.20.00                         | 20X2   | -      |
|  | 674.26.00                         | 26X3   | -      |
|  | 674.32.00                         | 32X3   | -      |
|  | 674.40.00                         | 40X3,5 | -      |
|  | 674.50.00                         | 50X4   | -      |
|  | 674.63.00                         | 63X4,5 | -      |
|  |                                   |        |        |
|  |                                   |        |        |
|  |                                   |        |        |

**PRODUCTION RANGE**

| Product   | Code  | size A | size B   |
|---|---|--------|----------|
|  | <b>Elbow fitting, Gas female connection</b> |        |          |
|   | 675.14.20                                   | 14X2   | 1/2" F   |
|   | 675.16.20                                   | 16X2   | 1/2" F   |
|   | 675.18.20                                   | 18X2   | 1/2" F   |
|   | 675.20.20                                   | 20X2   | 1/2" F   |
|   | 675.18.30                                   | 18X2   | 3/4" F   |
|   | 675.20.30                                   | 20X2   | 3/4" F   |
|   | 675.26.30                                   | 26X3   | 3/4" F   |
|   | 675.32.40                                   | 32X3   | 1" F     |
|   | 675.40.50                                   | 40X3,5 | 1" 1/4 F |
|   | 675.50.60                                   | 50X4   | 1" 1/2 F |

| Product  | Code                                      | size A | size B   |
|--|---|--------|----------|
|  | <b>Elbow fitting, Gas male connection</b> |        |          |
|  | 676.14.20                                 | 14X2   | 1/2" M   |
|  | 676.16.20                                 | 16X2   | 1/2" M   |
|  | 676.18.20                                 | 18X2   | 1/2" M   |
|  | 676.20.20                                 | 20X2   | 1/2" M   |
|  | 676.18.30                                 | 18X2   | 3/4" M   |
|  | 676.20.30                                 | 20X2   | 3/4" M   |
|  | 676.26.30                                 | 26X3   | 3/4" M   |
|  | 676.32.40                                 | 32X3   | 1" M     |
|  | 676.40.50                                 | 40X3,5 | 1" 1/4 M |
|  |   |        |          |

| Product  | Code                            | size A | size B |
|--|---------------------------------|--------|--------|
|  | <b>Intermediate "T" fitting</b> |        |        |
|  | 677.14.00                       | 14X2   | -      |
|  | 677.16.00                       | 16X2   | -      |
|  | 677.18.00                       | 18X2   | -      |
|  | 677.20.00                       | 20X2   | -      |
|  | 677.26.00                       | 26X3   | -      |
|  | 677.32.00                       | 32X3   | -      |
|  | 677.40.00                       | 40X3,5 | -      |
|  | 677.50.00                       | 50X4   | -      |
|  | 677.63.00                       | 63X4,5 | -      |

| Product   | Code  | size A   | size B |
|---|---|----------|--------|
|  | <b>"T" fitting, central Gas female connection</b> |          |        |
|   | 678.14.20   | 14X2     | 1/2" F |
|   | 678.16.20   | 16X2     | 1/2" F |
|   | 678.18.20   | 18X2     | 1/2" F |
|   | 678.20.20   | 20X2     | 1/2" F |
|   | 678.18.30   | 18X2     | 3/4" F |
|   | 678.20.30   | 20X2     | 3/4" F |
|   | 678.26.30   | 26X3     | 3/4" F |
|   | 678.32.30   | 32X3     | 3/4" F |
|   | 678.32.40   | 32X3     | 1" F   |
|   | 678.40.40   | 40X3,5   | 1" F   |
| 678.50.40   | 50X4  | 1" F     |        |
| 678.40.50   | 40X3,5  | 1" 1/4 F |        |

| Product   | Code  | size A | size B |
|---|---|--------|--------|
|  | <b>"T" fitting, lateral Gas female connection</b> |        |        |
|   | 679.14.20   | 14X2   | 1/2" F |
|   | 679.16.20   | 16X2   | 1/2" F |
|   | 679.18.20   | 18X2   | 1/2" F |
|   | 679.20.20   | 20X2   | 1/2" F |
|   | 679.18.30   | 18X2   | 3/4" F |
|   | 679.20.30   | 20X2   | 3/4" F |
|   | 679.26.30   | 26X3   | 3/4" F |
|   | 679.32.40   | 32X3   | 1" F   |
|   |   |        |        |

| Product  | Code  | size A   | size B |
|--|---|----------|--------|
|  | <b>"T" fitting, central Gas male connection</b> |          |        |
|  | 680.14.20                                       | 14X2     | 1/2" M |
|  | 680.16.20                                       | 16X2     | 1/2" M |
|  | 680.18.20                                       | 18X2     | 1/2" M |
|  | 680.20.20                                       | 20X2     | 1/2" M |
|  | 680.18.30                                       | 18X2     | 3/4" M |
|  | 680.20.30                                       | 20X2     | 3/4" M |
|  | 680.26.30                                       | 26X3     | 3/4" M |
|  | 680.32.30                                       | 32X3     | 3/4" M |
|  | 680.26.40                                       | 26X3     | 1" M   |
|  | 680.32.40                                       | 32X3     | 1" M   |
| 680.40.40  | 40X3,5  | 1" M     |        |
| 680.40.50  | 40X3,5  | 1" 1/4 M |        |

| Product   | Code   | size A | size B |
|---|--|--------|--------|
|  | <b>Intermediate "T" fitting with reduced lateral way</b> |        |        |
|   | 851.16.00  | 16X2   | 14X2   |
|   | 851.20.10  | 20X2   | 16X2   |
|   | 851.26.10  | 26X3   | 16X2   |
|   | 851.26.20  | 26X3   | 20X2   |
|   | 851.32.10  | 32X3   | 16X2   |
|   | 851.32.00  | 32X3   | 20X2   |
|   | 851.32.20  | 32X3   | 26X3   |

| Product  | Code   | size A | size B |
|--|--|--------|--------|
|  | <b>Intermediate "T" fitting with reduced central and lateral way</b> |        |        |
|  | 851.14.10  | 16X2   | 14X2   |
|  | 851.16.40  | 18X2   | 16X2   |
|  | 851.16.10  | 20X2   | 16X2   |
|  | 851.18.10  | 20X2   | 18X2   |
|  | 851.16.90  | 26X3   | 16X2   |
|  | 851.20.70  | 26X3   | 20X2   |
|  | 851.20.90  | 32X3   | 20X2   |
| 851.26.40  | 32X3   | 26X3   |        |

## PRODUCTION RANGE

| Product   | Code  | size A | size B |
|---|---|--------|--------|
|  | <b>Intermediate straight fitting with reduced way</b> |        |        |
|   | 890.16.00   | 16X2   | 14X2   |
|   | 890.18.00   | 18X2   | 14X2   |
|   | 890.18.10   | 18X2   | 16X2   |
|   | 890.20.10   | 20X2   | 16X2   |
|   | 890.20.20   | 20X2   | 18X2   |
|   | 890.26.00   | 26X3   | 16X2   |
|   | 890.26.10   | 26X3   | 18X2   |
|   | 890.26.20   | 26X3   | 20X2   |
|   | 890.32.00   | 32X3   | 16X2   |
|   | 890.32.10   | 32X3   | 20X2   |
|   | 890.32.20   | 32X3   | 26X3   |
|   | 890.40.10   | 40X3,5 | 32X3   |
|   | 890.50.10   | 50X4   | 32X3   |
|   | 890.50.00   | 50X4   | 40X3,5 |
| 890.63.10   | 63X4,5  | 40X3,5 |        |
| 890.63.00   | 63X4,5  | 50X4   |        |
|   |   |        |        |
|   |   |        |        |

| Product  | Code   | size A | size B |
|--|--|--------|--------|
|  | <b>Intermediate "T" fitting with reduced central way</b> |        |        |
|  | 851.14.00  | 16X2   | 14X2   |
|  | 851.14.20  | 18X2   | 14X2   |
|  | 851.14.50  | 20X2   | 14X2   |
|  | 851.16.20  | 18X2   | 16X2   |
|  | 851.16.30  | 20X2   | 16X2   |
|  | 851.18.00  | 20X2   | 18X2   |
|  | 851.16.60  | 26X3   | 16X2   |
|  | 851.18.20  | 26X3   | 18X2   |
|  | 851.20.20  | 26X3   | 20X2   |
|  | 933.16.00  | 32X3   | 16X2   |
|  | 851.18.30  | 32X3   | 18X2   |
|  | 851.20.40  | 32X3   | 20X2   |
|  | 851.26.00  | 32X3   | 26X3   |
|  | 851.40.10  | 40X3,5 | 26X3   |
|  | 851.40.00  | 40X3,5 | 32X3   |
|  | 851.50.20  | 50X4   | 26X3   |
|  | 851.50.00  | 50X4   | 40X3,5 |
|  | 851.63.40  | 63X4,5 | 26X3   |
|  | 851.63.20  | 63X4,5 | 40X3,5 |

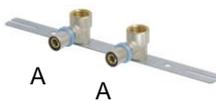
| Product  | Code  | size A | size B |
|--|---|--------|--------|
|  | <b>Intermediate "T" fitting with double reduced lateral way</b> |        |        |
|  | 851.18.40   | 18X2   | 16X2   |
|  | 851.20.00   | 20X2   | 16X2   |
|  | 851.26.50   | 26X3   | 20X2   |
|  | 851.32.30   | 32X3   | 26X3   |
|  |   |        |        |
|  |   |        |        |

| Product   | Code  | size A | size B |
|---|---|--------|--------|
|  | <b>Intermediate "T" fitting with triple reduction</b> |        |        |
|   | 999.20.00   | 26X3   | 20X2   |
|   |   |        |        |
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|   |   |        |        |

| Product   | Code   | size A | size B |
|---|--|--------|--------|
|  | <b>Flanged elbow fitting, standard length, female Gas connection</b> |        |        |
|   | 853.04.00  | 16X2   | 1/2" F |
|   | 853.04.20  | 18X2   | 1/2" F |
|   | 853.04.10  | 20X2   | 1/2" F |
|   |  |        |        |
|   |  |        |        |

| Product  | Code  | size A | size B |
|--|---|--------|--------|
|  | <b>Flanged elbow fitting, standard length, female Gas connection - XL 77 mm</b> |        |        |
|  | 853.04.90   | 16X2   | 1/2" F |
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|  |   |        |        |
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|  |   |        |        |

| Product   | Code   | size A | size B |
|---|--|--------|--------|
|  | <b>Flanged, non-aligned fitting, female Gas connection</b> |        |        |
|   | 852.04.00  | 16X2   | 1/2" F |
|   | 852.04.30  | 20X2   | 1/2" F |
|   |  |        |        |
|   |  |        |        |

| Product  | Code  | size A | size B |
|--|---|--------|--------|
|  | <b>Brackets with press fittings female Gas connection</b> |        |        |
|  | 1253.04.00  | 16X2   | 80*    |
|  | 1253.04.20  | 16X2   | 150*   |
|  | 1253.04.10  | 16X2   | 160*   |
|  | 1253.04.60  | 20X2   | 150*   |
|  | 1253.04.50  | 20X2   | 160*   |
|  |   |        |        |
|  |   |        |        |

\* : centre distance mm

## DESCRIPTION

The use of *press fittings* simplifies significantly the connection of multilayer pipes.

The connection is quick and clean due to the total absence of sealing materials, pastes and lubricating liquids.

Mechanical tightness is obtained by changing the shape of the bush made of brass or of stainless steel by means of a pressing tool. The pulling out pressure is significantly higher than the operating pressure of the multilayer pipe.

The insulating cap is transparent and makes it possible to check whether the pipe has been inserted correctly into the fitting.

N.B. Correct connection is guaranteed when the pipe is inserted all the way to the insulating cap stop.

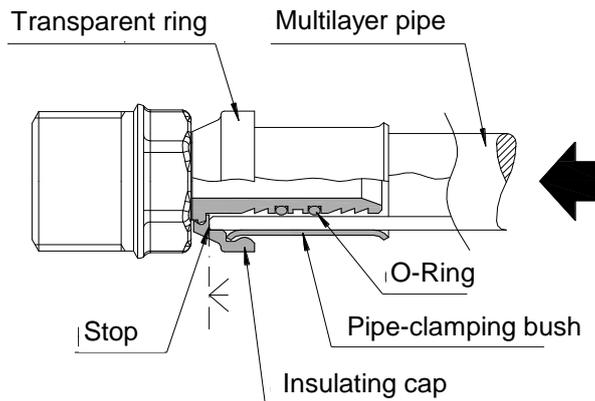
### USE:

*RBM press fittings* make it possible to connect the RBM Tita-fix multilayer polyethylene pipe.

*RBM press fittings* are used to create hot/cold water distribution systems for sanitary and heating purposes.

### PRODUCTION RANGE:

*Press fittings* are produced in a wide range of sizes and shapes in order to meet all possible requirements (see chapter "production range" in this technical data sheet)



**FIGURE 1 :**  
Press fitting make-up chart

## CONSTRUCTION CHARACTERISTICS

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• Body:</li> <li>• Seals:</li> <li>• Pipe-clamping bush:</li> <li>• Dielectric pipe fastening cap:</li> </ul> | <ul style="list-style-type: none"> <li>Brass with nickel-plated surface CW 617N UNI EN 12165</li> <li>EPDM PEROX</li> <li>Stainless steel</li> <li>PE</li> </ul> |
|--|--|

## TECHNICAL CHARACTERISTICS

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Maximum temperature:</li> <li>• Maximum operating pressure:</li> </ul> | <ul style="list-style-type: none"> <li>+ 95°C</li> <li>10 bar (1000 kPa)</li> </ul> |
|---|---|

## ACCESSORIES

| Code                             |   | Description  |
|----------------------------------|---|--|
| 1542.XX.X0<br>1545.XX.X0         |  | <b>RBM Tita-fix multilayer pipe in coils and bars.</b><br>Available in the following versions: PE-Xc/Al/PE-RT and PE-RT/Al/PE-RT   |
| 934.00.00                        |  | <b>Fixing plate for flanged fittings of galvanized steel.</b>  |
| 934.00.50                        |  | <b>Fixing and positioning bracket of galvanized steel.</b>   |
| 1253.04.X0                       |  | <b>Brackets with press fittings.</b>   |
| 20.04.10<br>20.05.10<br>20.05.20 |  | <b>Recessed stop cock with chromium plated cap and press fittings for multilayer pipes.</b><br>Maximum temperature: 95°C. Maximum pressure: 10 bar.<br>Brass body, chromium plated cap and control handle, NBR/EPDM PEROX seals and press connections (for Ø16 and Ø26 mm pipes, thickness from 2 to 3 mm), with PE dielectric cap and stainless steel pipe clamping bush. |

## EQUIPMENT AND TOOLS FOR PREPARING THE PIPE BEFORE INSERTING IT INTO THE FITTING

|                            | Code                    |   | Description   |
|----------------------------|-------------------------|---|---|
| <b>CUT</b>                 | 553.00.X2<br>2179.00.02 |    | <b>Portable manual cutter</b> (code 553.00.42, 553.00.52), suitable for pipes ( $\varnothing 6 \div \varnothing 42$ mm) of PE, PB, PP, PVC, PVDF.<br>Cutter code 553.00.42 for multilayer pipes up to $\varnothing 35$ mm.<br>Cutter code 553.00.52 for multilayer pipes up to $\varnothing 42$ mm.<br>Cutter code 2179.00.02 for multilayer pipes up to $\varnothing 26$ mm. |
|                            | 553.00.X2               |    | <b>Portable manual pipe cutter</b> (code 553.00.62, 553.00.72), suitable for PVC and copper pipes ( $\varnothing 6 \div \varnothing 42$ mm).<br>Cutter code 553.00.62 for multilayer pipes up to $\varnothing 35$ mm.<br>Cutter code 553.00.72 for multilayer pipes up to $\varnothing 42$ mm.  |
| <b>CALIBRATING/FLARING</b> | 2006.14...63.00         |    | <b>Calibrating/flaring tool</b> for removing internal burrs and calibrating the internal diameter in the cutting area of the multilayer pipe ( $\varnothing 14 \div \varnothing 63$ mm) at the same time. These tools are designed for manual use and for use with a drill/screwdriver.   |
|                            | 2008.00.02              |    | <b>Complete kit of calibrating/flaring tools</b><br>This case contains 4 calibrating/flaring tools in the following sizes: $\varnothing 16 - 20 - 26 - 32$ . It is equipped with a suitable handle for using the tools manually.  |
|                            | 2007.00.02              |    | <b>Handle for calibrating/flaring tools</b><br>This handle is used for the manual preparation of RBM Tita-fix multilayer pipes.   |
|                            | 1165.00.02              |   | <b>Wireless portable drill/screwdriver</b> for preparing the RBM Tita-fix multilayer pipe for the fitting. This kit is made up of the following:<br>– 1 wireless drill;<br>– 2 14,4V 1,5 Ah batteries;<br>– 1 battery charger for the drill/screwdriver;<br>– 1 case containing the drill/screwdriver kit.  |
| <b>BENDING</b>             | 553.00.32               |  | <b>Portable pipe bending kit for multilayer pipe</b><br>The kit includes the following:<br>- hydraulic manual pump;<br>- Shock-proof containment and transportation case;<br>- Pipe bending aluminium templates, suitable for the following diameters: $\varnothing 14 - 16 - 18 - 20 - 26 - 32$ ;<br>- Quick connection aluminium counter-templates.                         |
|                            | 1875.XX.02              |  | <b>Manual pipe bender spring for multilayer pipe</b><br>suitable for the following diameters: $\varnothing 14 - 16 - 18 - 20 - 26$ ;  |

## EQUIPMENT AND TOOLS FOR PRESSING THE PIPE INTO THE FITTING

|                   | Code           |   | Description   |
|-------------------|----------------|---|---|
| <b>PRESSATURA</b> | 553.00.12      |  | <b>Portable electrical press for press fittings</b> (230Vac power supply).<br>The kit includes a battery-charger and a shock-proof containment and transportation case. |
|                   | 553.00.02      |  | <b>Portable wireless press for press fittings</b> (18V battery)<br>The kit includes a battery-charger and a shock-proof containment and transportation case.            |
|                   | 681.14...63.02 |  | <b>TH series pliers for press fittings</b> for pipes with diameters from $\varnothing 14$ to $\varnothing 63$ mm, suitable for the RBM press code 553.00.X2             |
|                   | 1338.00.02     |  | <b>Portable electrical press for press fittings</b> (14,4V).<br>The kit includes a battery-charger and a shock-proof containment and transportation case.               |
|                   | 1339.00.02     |  | <b>Pliers for multilayer pipes</b> suitable for RBM press code 1338.00.02   |
|                   | 1340.XX.02     |  | <b>TH series interchangeable insert</b> suitable for RBM press code 1339.00.02<br>Sizes: $\varnothing 14 - 16 - 18 - 20 - 26 - 32$                                      |

## PRESS-FITTINGS FOR MULTILAYER PIPES CAN BE MOUNTED CORRECTLY BY PERFORMING 4 SIMPLE OPERATIONS

- 1** Cut the pipe using a suitable cutter which makes a clean cut possibly without burrs.  
Recommended cutters: RBM code **553.00.42 - 553.00.52 - 2179.00.02**

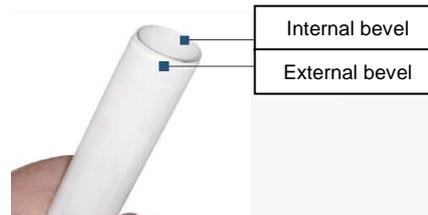


Insert the calibrating/flaring tool into the pipe.  
Rotate it clockwise, until the pipe is calibrated and flared.

This operation can be carried out manually (figure above on the left) or using a drill/screwdriver (figure above on the right).

- 2** Recommended calibrating/flaring tool: complete case code **2008.00.02**

**N.B.:** The internal bevel of the pipe prevents the fitting from cutting the O-Ring during insertion into the fitting.



- 3** Insert the pipe into the fitting all the way until it stops.  
This operation can be checked by looking through the transparent ring, as shown on the picture on the side of this page.

The insertion is easier if the pipe has been lubricated inside with water or with suitable silicone oil.

For sanitary systems please be sure that the silicone oil is suitable for drinkable liquids.

**THE USE OF DIFFERENT LUBRICANTS WILL DAMAGE THE SEALS.**

For the calibration/flaring of pipelines bigger than  $\varnothing 32$ , please use the screwdriver drill code **1165.00.02**



Correct insertion of the pipe can be seen through the transparent ring.

Apply the pliers in the correct position and press.

Recommended presses: RBM code **553.00.12 - 553.00.02**.

Recommended pliers: TH series, RBM code **681.14.02 - 681.16.02 - 681.18.02 - 681.20.02 - 681.26.02 - 681.32.02 - 681.40.02 - 681.50.02 - 681.63.02**

- 4** RBM press fittings are compatible with various profiles of pliers and, in particular, with the following:

|             |                                 |
|-------------|---------------------------------|
| TH-H-U-B ,  | diameter 14x2                   |
| TH-H-U-B-F, | diameter 16x2 - 18x2 - 20x2     |
| TH-H-B      | diameter 26x3                   |
| TH-H        | diameter 32x3                   |
| TH,         | diameter 40x3,5 - 50x4 - 63x4,5 |



### PREPARATION OF THE PIPE FOR INSERTION INTO THE CHOSEN FITTING



Before installing any type of fitting onto the RBM Tita-fix multilayer pipe, it is **absolutely essential** to prepare the multilayer pipe according to the fitting to be used. The preparation of the multilayer pipe is mandatory to avoid malfunctioning of the "pipe/fitting" system during use.

**RBM s.p.a. cannot be held responsible for damage resulting from mistakes during the putting into operation or during maintenance work, from the non-observance of these instructions and from improper use of the system. It is forbidden to use multilayer pipes for purposes differing from the purposes specified in this manual.**

RBM spa reserves the right to make improvements and changes to the product described and to its technical details (supplied only as guide indications) at any moment and without notice: always refer to the instructions enclosed with the components supplied; this sheet is an aid if they prove to be too schematic. RBM assumes no responsibility for the results obtained, or for use in violation of possible existing patents. Please contact our technical office for any doubts, problems or clarification.

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