



Multitong press fittings

**16x2 20x2 26x3 32x3 40x3,5
50x4 63x4,5 75x5 90x7**

Datasheet
0509EN 10/2020



RM press fittings are ideal for use in hot and cold water distribution, domestic water or heating/cooling systems. The wide range of profiles and sizes supported by traditional system components enables to solve with PEX, Pb or multilayer pipes every problem experienced on site set for space limits and technical/economic choices in traditional or manifold-based distributions.

Main characteristics: - enhanced sealing performance with a new fitting profile;
- optional pressing with a wide range of tongs (multitong pressing).

Special attention has been given to planning and production of the fittings to provide utmost reliability to the components and make the installer's work much easier and safer.

Their main peculiarities are the stainless steel flared bush for easier insertion of the pipe, the bush ring for visual verification of full insertion of the pipe (essential condition for firm pressing), the insulating separator for multilayer pipe joints (the aluminum film may corrode the connection fittings for electrochemical reactions).

The fittings are provided fully assembled and the required pipe size is clearly stamped on the bush.

In chased installations, keep the cement mixture away from the fitting metal parts.

We recommend an inspectionable joint, for example using a flush-mount plastic box or a box insulated from the structure and able to dilate, so as to prevent chemical reactions on the metal surfaces and stresses by thermal dilation.



VIDEO

Frame the QR code with your smartphone or tablet to view the video tutorial.

Technical data

Technical features

- Temperature range: 5÷110 °C
- Max. working pressure: 10 bar
- Suitable for hydraulic systems (heating, cooling and domestic water)

Materials

- Stamped brass body CW617N - EN 12165 (Ø 16 to 63 mm)
- Cast brass body CB752S - EN 1982 (Ø 75 to 90 mm)
- Brass bush ring CW614N - EN 12164 (Ø 16 to 63 mm)
- Plastic bush ring HD-PE (Ø 75 to 90 mm)
- AISI 304 stainless steel compression bush
- EPDM double black O-Ring, complying with EN 681-1, suitable for domestic water distribution



GIACOMINI
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➤ Main characteristics

Tongs profile

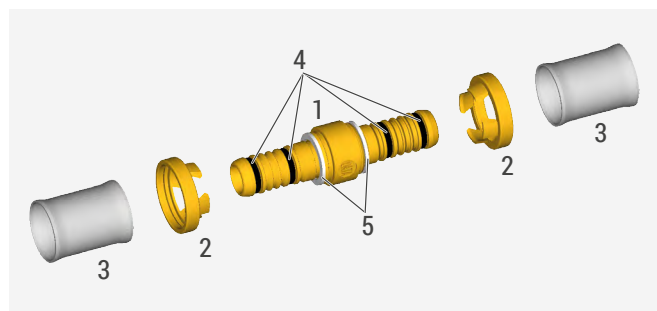
| PIPE SIZE [mm] | TONGS PROFILE | |
|----------------|---------------|---|
| 16 x 2 | TH - H - U | |
| 20 x 2 | TH - H - U | |
| 26 x 3 | TH - H |  |
| 32 x 3 | TH - H - U | |
| 40 x 3,5 | TH - U | |
| 50 x 4 | TH - U | |
| 63 x 4,5 | TH | |
| 75 x 5 | U | |
| 90 x 7 | U | |

Multilayer pipe technical characteristics

| PIPE SIZE [mm] | MEAN EXTER- NAL Ø [mm] | MEAN INTER- NAL Ø [mm] | THICKNESS [mm] |
|----------------|---------------------------|---------------------------|-------------------|
| 16 x 2 | 16,0 - 16,2 | 11,8 - 12,0 | 2,0 - 2,2 |
| 20 x 2 | 20,0 - 20,2 | 15,8 - 16,0 | 2,0 - 2,2 |
| 26 x 3 | 26,0 - 26,25 | 19,8 - 20,2 | 3,0 - 3,2 |
| 32 x 3 | 32,0 - 32,25 | 25,8 - 26,1 | 3,0 - 3,2 |
| 40 x 3,5 | 40,0 - 40,3 | 32,95 - 33,2 | 3,4 - 3,65 |
| 50 x 4 | 50,0 - 50,2 | 41,55 - 41,8 | 4,0 - 4,3 |
| 63 x 4,5 | 63,0 - 63,25 | 53,3 - 53,6 | 4,6 - 4,9 |
| 75 x 5 | 75,0 - 75,4 | 64,9 - 65,25 | 4,83 - 5,17 |
| 90 x 7 | 90,0 - 90,5 | 75,8 - 76,2 | 6,75 - 7,24 |

NOTE. Giacomini RM fittings can be used with multilayer pipes complying with ISO 21003 and technical specifications given above.

Fittings characteristics






- | | |
|---|---|
| 1 | Brass body |
| 2 | Bush ring (Ø 75 and 90 mm with insulating separator) |
| 3 | Bush |
| 4 | O-Ring |
| 5 | Insulating separator (Ø 16 to 63 mm) |





Bush details










The caption "RM Series" stamped on the bush shows it can be used with various pressing profiles. Refer to the tongs profiles specified in the instructions or in "Tongs profiles" above.









➤ Versions and product code





| SERIES | PRODUCT CODE | SIZE | FITTING TYPE |
|---|--------------|-------------------------|-----------------------|
| RM102  | RM102Y003 | 16 x 2 | Straight |
| | RM102Y007 | 20 x 2 | |
| | RM102Y009 | 26 x 3 | |
| | RM102Y011 | 32 x 3 | |
| | RM102Y014 | 40 x 3,5 | |
| | RM102Y015 | 50 x 4 | |
| | RM102Y016 | 63 x 4,5 | |
| | RM102Y017 | 75 x 5 | |
| | RM102Y018 | 90 x 7 | |
| RM103  | RM103Y010 | (20 x 2) x (16 x 2) | Reducer straight |
| | RM103Y016 | (26 x 3) x (16 x 2) | |
| | RM103Y018 | (26 x 3) x (20 x 2) | |
| | RM103Y020 | (32 x 3) x (16 x 2) | |
| | RM103Y021 | (32 x 3) x (20 x 2) | |
| | RM103Y022 | (32 x 3) x (26 x 3) | |
| | RM103Y064 | (40 x 3,5) x (26 x 3) | |
| | RM103Y065 | (40 x 3,5) x (32 x 3) | |
| | RM103Y075 | (50 x 4) x (32 x 3) | |
| | RM103Y076 | (50 x 4) x (40 x 3,5) | |
| | RM103Y086 | (63 x 4,5) x (40 x 3,5) | |
| | RM103Y087 | (63 x 4,5) x (50 x 4) | |
| | RM103Y092 | (75 x 5) x (50 x 4) | |
| | RM103Y093 | (75 x 5) x (63 x 4,5) | |
| | RM103Y095 | (90 x 7) x (63 x 4,5) | |
| | RM103Y096 | (90 x 7) x (75 x 5) | |
| RM107  | RM107Y023 | R 3/8" x (16 x 2) | Straight, male thread |
| | RM107Y033 | R 1/2" x (16 x 2) | |
| | RM107Y037 | R 1/2" x (20 x 2) | |
| | RM107Y043 | R 3/4" x (16 x 2) | |
| | RM107Y047 | R 3/4" x (20 x 2) | |
| | RM107Y049 | R 3/4" x (26 x 3) | |
| | RM107Y058 | R 1" x (26 x 3) | |
| | RM107Y059 | R 1" x (32 x 3) | |
| | RM107Y066 | R 1-1/4" x (40 x 3,5) | |
| | RM107Y077 | R 1-1/2" x (50 x 4) | |
| | RM107Y078 | R 2" x (50 x 4) | |
| | RM107Y088 | R 2" x (63 x 4,5) | |
| | RM107Y098 | R 2-1/2" x (63 x 4,5) | |
| | RM107Y099 | R 2-1/2" x (75 x 5) | |
| | RM107Y105 | R 3" x (90 x 7) | |

| SERIES | PRODUCT CODE | SIZE | FITTING TYPE |
|---|--------------|------------------------|--|
| RM109  | RM109Y033 | Rp 1/2" x (16 x 2) | Straight, female thread |
| | RM109Y037 | Rp 1/2" x (20 x 2) | |
| | RM109Y043 | Rp 3/4" x (16 x 2) | |
| | RM109Y047 | Rp 3/4" x (20 x 2) | |
| | RM109Y049 | Rp 3/4" x (26 x 3) | |
| | RM109Y058 | Rp 1" x (26 x 3) | |
| | RM109Y059 | Rp 1" x (32 x 3) | |
| | RM109Y060 | Rp 1" x (40 x 3,5) | |
| | RM109Y066 | Rp 1-1/4" x (40 x 3,5) | |
| | RM109Y076 | Rp 1-1/2" x (40 x 3,5) | |
| | RM109Y077 | Rp 1-1/2" x (50 x 4) | |
| | RM109Y088 | Rp 2" x (63 x 4,5) | |
| | RM109Y098 | Rp 2-1/2" x (63 x 4,5) | |
| | RM109Y099 | Rp 2-1/2" x (75 x 5) | |
| | RM109Y105 | Rp 3" x (90 x 7) | |
| RM122  | RM122Y003 | 16 x 2 | 90° elbow |
| | RM122Y007 | 20 x 2 | |
| | RM122Y009 | 26 x 3 | |
| | RM122Y011 | 32 x 3 | |
| | RM122Y013 | 40 x 3,5 | |
| | RM122Y014 | 50 x 4 | |
| | RM122Y015 | 63 x 4,5 | |
| | RM122Y016 | 75 x 5 | |
| | RM122Y017 | 90 x 7 | |
| RM127  | RM127Y033 | R 1/2" x (16 x 2) | 90° elbow, male thread |
| | RM127Y037 | R 1/2" x (20 x 2) | |
| | RM127Y043 | R 3/4" x (16 x 2) | |
| | RM127Y047 | R 3/4" x (20 x 2) | |
| | RM127Y049 | R 3/4" x (26 x 3) | |
| | RM127Y058 | R 1" x (26 x 3) | |
| | RM127Y059 | R 1" x (32 x 3) | |
| | RM127Y066 | R 1-1/4" x (40 x 3,5) | |
| | RM127Y076 | R 1-1/2" x (40 x 3,5) | |
| | RM127Y077 | R 1-1/2" x (50 x 4) | |
| | RM127Y087 | R 2" x (50 x 4) | |
| | RM127Y088 | R 2" x (63 x 4,5) | |
| | RM127Y098 | R 2-1/2" x (63 x 4,5) | |
| RM128  | RM128X014 | Ø 16 x (16 x 2) | 90° elbow with chrome-plated copper pipe Ø 16 mm length 150 mm |
| | RM128X034 | Ø 16 x (16 x 2) | 90° elbow with chrome-plated copper pipe Ø 16 mm length 300 mm |
| | RM128X074 | Ø 16 x (16 x 2) | 90° elbow with chrome-plated copper pipe Ø 16 mm length 750 mm |

| SERIES | PRODUCT CODE | SIZE | FITTING TYPE |
|--|--------------|------------------------|---|
| RM129  | RM129Y023 | Rp 1/2" x (16 x 2) | 90° elbow, female thread - long |
| | RM129Y027 | Rp 1/2" x (20 x 2) | |
| | RM129Y033 | Rp 1/2" x (16 x 2) | |
| | RM129Y037 | Rp 1/2" x (20 x 2) | |
| | RM129Y043 | Rp 3/4" x (16 x 2) | |
| | RM129Y047 | Rp 3/4" x (20 x 2) | 90° elbow, female thread |
| | RM129Y049 | Rp 3/4" x (26 x 3) | |
| | RM129Y059 | Rp 1" x (32 x 3) | |
| | RM129Y066 | Rp 1-1/4" x (40 x 3,5) | |
| | RM129Y076 | Rp 1-1/2" x (40 x 3,5) | |
| | RM129Y077 | Rp 1-1/2" x (50 x 4) | |
| | RM129Y087 | Rp 2" x (50 x 4) | |
| RM130SP  | RM129Y088 | Rp 2" x (63 x 4,5) | |
| | RM129Y098 | Rp 2-1/2" x (63 x 4,5) | |
| | RM130PY023 | G 3/8"F x (16 x 2) | 90° elbow, with ISO228 threaded flat seat nut |
| | RM130PY033 | G 1/2"F x (16 x 2) | |
| | RM130PY037 | G 1/2"F x (20 x 2) | |
| | RM130PY043 | G 3/4"F x (16 x 2) | |
| | RM130PY047 | G 3/4"F x (20 x 2) | |
| | RM130PY049 | G 3/4"F x (26 x 3) | |
| RM139  | RM130PY058 | G 1"F x (26 x 3) | |
| | RM139Y033 | Rp 1/2" x (16 x 2) | 90° elbow, female thread, with wall-mount bracket |
| | RM139Y037 | Rp 1/2" x (20 x 2) | |
| RM144  | RM139Y049 | Rp 3/4" x (26 x 3) | 45° elbow |
| | RM144Y009 | 26 x 3 | |
| | RM144Y011 | 32 x 3 | |
| | RM144Y012 | 40 x 3,5 | |
| | RM144Y013 | 50 x 4 | |
| RM150  | RM144Y014 | 63 x 4,5 | Tee |
| | RM150Y003 | 16 x 2 | |
| | RM150Y007 | 20 x 2 | |
| | RM150Y009 | 26 x 3 | |
| | RM150Y011 | 32 x 3 | |
| | RM150Y012 | 40 x 3,5 | |
| | RM150Y013 | 50 x 4 | |
| | RM150Y014 | 63 x 4,5 | |
| | RM150Y015 | 75 x 5 | |
| | RM150Y016 | 90 x 7 | |

| SERIES | PRODUCT CODE | SIZE | FITTING TYPE |
|--|--------------|--------------------------------------|--------------------|
|  <p>RM151</p> | RM151Y045 | (16 x 2) x (20 x 2) x (16 x 2) | Reducer Tee |
| | RM151Y063 | (20 x 2) x (16 x 2) x (16 x 2) | |
| | RM151Y064 | (20 x 2) x (16 x 2) x (20 x 2) | |
| | RM151Y065 | (20 x 2) x (20 x 2) x (16 x 2) | |
| | RM151Y067 | (20 x 2) x (26 x 3) x (20 x 2) | |
| | RM151Y083 | (26 x 3) x (16 x 2) x (16 x 2) | |
| | RM151Y084 | (26 x 3) x (20 x 2) x (20 x 2) | |
| | RM151Y085 | (26 x 3) x (16 x 2) x (26 x 3) | |
| | RM151Y086 | (26 x 3) x (20 x 2) x (26 x 3) | |
| | RM151Y089 | (26 x 3) x (26 x 3) x (20 x 2) | |
| | RM151Y094 | (32 x 3) x (20 x 2) x (20 x 2) | |
| | RM151Y095 | (32 x 3) x (20 x 2) x (26 x 3) | |
| | RM151Y091 | (32 x 3) x (20 x 2) x (32 x 3) | |
| | RM151Y092 | (32 x 3) x (26 x 3) x (26 x 3) | |
| | RM151Y093 | (32 x 3) x (26 x 3) x (32 x 3) | |
| | RM151Y145 | (40 x 3,5) x (20 x 2) x (40 x 3,5) | |
| | RM151Y146 | (40 x 3,5) x (26 x 3) x (40 x 3,5) | |
| | RM151Y147 | (40 x 3,5) x (32 x 3) x (40 x 3,5) | |
| | RM151Y148 | (40 x 3,5) x (32 x 3) x (32 x 3) | |
| | RM151Y157 | (50 x 4) x (26 x 3) x (50 x 4) | |
| | RM151Y158 | (50 x 4) x (32 x 3) x (50 x 4) | |
| | RM151Y159 | (50 x 4) x (40 x 3,5) x (50 x 4) | |
| | RM151Y167 | (63 x 4,5) x (32 x 3) x (63 x 4,5) | |
| | RM151Y168 | (63 x 4,5) x (40 x 3,5) x (63 x 4,5) | |
| | RM151Y169 | (63 x 4,5) x (50 x 4) x (63 x 4,5) | |
| | RM151Y178 | (75 x 5) x (50 x 4) x (75 x 5) | |
| | RM151Y179 | (75 x 5) x (63 x 4,5) x (75 x 5) | |
| | RM151Y188 | (90 x 7) x (63 x 4,5) x (90 x 7) | |
| | RM151Y189 | (90 x 7) x (75 x 5) x (90 x 7) | |
|  <p>RM154</p> | RM154Y033 | (16 x 2) x Rp 1/2" x (16 x 2) | Tee, female thread |
| | RM154Y037 | (20 x 2) x Rp 1/2" x (20 x 2) | |
| | RM154Y049 | (26 x 3) x Rp 3/4" x (26 x 3) | |
| | RM154Y050 | (32 x 3) x Rp 3/4" x (32 x 3) | |
| | RM154Y056 | (40 x 3,5) x Rp 3/4" x (40 x 3,5) | |
| | RM154Y057 | (50 x 4) x Rp 3/4" x (50 x 4) | |
| | RM154Y059 | (32 x 3) x Rp 1" x (32 x 3) | |
| | RM154Y062 | (63 x 4,5) x Rp 1" x (63 x 4,5) | |
| | RM154Y066 | (40 x 3,5) x Rp 1-1/4" x (40 x 3,5) | |
| | RM154Y068 | (50 x 4) x Rp 1-1/4" x (50 x 4) | |
| | RM154Y076 | (40 x 3,5) x Rp 1-1/2" x (40 x 3,5) | |
| | RM154Y077 | (50 x 4) x Rp 1-1/2" x (50 x 4) | |
| | RM154Y088 | (63 x 4,5) x Rp 2" x (63 x 4,5) | |
| | RM154Y098 | (63 x 4,5) x Rp 2-1/2" x (63 x 4,5) | |

| SERIES | PRODUCT CODE | SIZE | FITTING TYPE |
|--|--------------|------------------------------|--|
|  RM153 | RM153Y033 | (16 x 2) x R 1/2" x (16 x 2) | Tee, male thread |
| | RM153Y037 | (20 x 2) x R 1/2" x (20 x 2) | |
| | RM153Y049 | (26 x 3) x R 3/4" x (26 x 3) | |
| | RM153Y059 | (32 x 3) x R 1" x (32 x 3) | |
|  RM158 | RM158X034 | (16 x 2) x Ø 16 x (16 x 2) | 45° sloped Tee, with Ø 16 mm chrome-plated copper pipe length 300 mm |
|  RM179 | RM179X023 | B.16 x (16 x 2) | Straight, with base adaptor nickel plated nut |
| | RM179X033 | B.18 x (16 x 2) | |
|  RM179E | RM179Y103 | 1/2" x (16 x 2) (Ø 15 mm) | Straight, with Eurocone adaptor nickel plated nut |
| | RM179Y113 | 1/2" x (16 x 2) (Ø 16 mm) | |
| | RM179X103 | 3/4"E x (16 x 2) | |
| | RM179X106 | 3/4"E x (20 x 2) | |
|  RM179SP | RM179Y043 | G 3/8"F x (16 x 2) | Straight, with ISO 228 threaded flat seat nut |
| | RM179Y053 | G 1/2"F x (16 x 2) | |
| | RM179Y056 | G 1/2"F x (20 x 2) | |
| | RM179Y063 | G 3/4"F x (16 x 2) | |
| | RM179Y066 | G 3/4"F x (20 x 2) | |
| | RM179Y069 | G 3/4"F x (26 x 3) | |
| | RM179Y073 | G 1"F x (26 x 3) | |
| | RM179Y074 | G 1"F x (32 x 3) | |
| | RM179Y082 | G 1-1/4"F x (40 x 3,5) | |
| | RM179Y093 | G 1-1/2"F x (50 x 4) | |
|  RM173 | RM173Y033 | 16 x 2 | Shut-off cock |
| | RM173Y037 | 20 x 2 | |
|  RM18 | RM18Y033 | G 1/2"F x (16 x 2) | 3-piece straight, female thread |
| | RM18Y037 | G 1/2"F x (20 x 2) | |
| | RM18Y049 | G 3/4"F x (26 x 3) | |
|  RM19 | RM19Y033 | G 1/2"F x (16 x 2) | 3-piece 90° elbow, female thread |
| | RM19Y037 | G 1/2"F x (20 x 2) | |
| | RM19Y049 | G 3/4"F x (26 x 3) | |

| SERIES | PRODUCT CODE | SIZE | DESCRIPTION |
|---|--------------|------------------------------|---|
| RMV103  | RM103Y112 | Ø 12 x (16 x 2) | Straight, with press connection for copper pipe (tong profile V) |
| | RM103Y123 | Ø 14 x (16 x 2) | |
| | RM103Y127 | Ø 14 x (20 x 2) | |
| | RM103Y133 | Ø 15 x (16 x 2) | |
| | RM103Y143 | Ø 16 x (16 x 2) | |
| | RM103Y147 | Ø 16 x (20 x 2) | |
| | RM103Y157 | Ø 18 x (20 x 2) | |
| | RM103Y167 | Ø 22 x (20 x 2) | |
| RP200-1  | RP200Y032 | 18 V battery pressing tool | 18 V battery pressing tool for press fittings, supplied in case. Include: battery charger and N°3 tongs: TH16, TH20, TH26 |
| | RP201Y012 | 18 V battery for RP200Y032 | |
| RP202  | RP202Y016 | Ø 16 - TH profile | Tongs for RP200-1 pressing tool |
| | RP202Y017 | Ø 17 - TH profile | |
| | RP202Y018 | Ø 18 - TH profile | |
| | RP202Y020 | Ø 20 - TH profile | |
| | RP202Y026 | Ø 26 - TH profile | |
| | RP202Y032 | Ø 32 - TH profile | |
| | RP202Y440 | Ø 40 - TH profile | |
| | RP202Y450 | Ø 50 - TH profile | |
| RP203  | RP203Y204 | Base jaw for U ring inserts | Base jaw for RP200-1 pressing tool, to be combined with the properly ring inserts |
| | RP202Y275 | Ring insert Ø 75 - U profile | |
| | RP202Y290 | Ring insert Ø 90 - U profile | |

► Installation

We recommend complying with the instructions below to prevent damage to the hydraulic sealing elements during installation and obtain an efficient joint.



Cut the pipe 90° to its axis with a cutter (we recommend turning the cutter slightly during this operation) or a roller pipe cutter to prevent ovalizations.



State-of-the-art seal of mechanic press fittings can be obtained only when the pipe and fitting feature corresponding nominal diameter and thickness.

We recommend verifying the component dimensions before pressing to prevent improper assemblies.



Burr and calibrate the pipe internal surface with the special tool (making sure the cutter and pipe have the same size).

Lubricate the pipe internal surface with lubricants suitable for the system materials and use.



Insert the pipe all the way inside the fitting; the correct coupling position of the pipe can be checked visually through the bush ring slots. The bush flared profile makes the insertion easier.



To press the fittings, use a jaw of the same size of the fitting and profile complying with table "Tongs profiles" on page 2:

- open the tongs and make sure there are no debris inside before inserting the fitting;
- insert the fitting in the tongs grooves matching the profiles.
- start pressing and wait for full clamping to block the fitting.

Stay away from the moving mechanisms during this operation to prevent undesired accidents.



Verify proper fitting by looking at the bush ring to verify the correct position of the pipe. This is a one-time operation, in case of improper pressing the pipe must be cut and a new fitting is required to create the joint.

For proper long-lasting operation of the press, plan periodical revisions and keep the tongs clean and lubricated at all times to prevent anomalous stresses during pressing that may affect the mechanism duration.

NOTE. In chased fitting installations, keep the cement mixture away from the component metal parts.

We recommend an inspectionable joint, for example using a flush-mount plastic box or a box insulated from the structure and able to dilate so as to prevent chemical reactions on the metal surface and stresses by thermal dilation.

Product specifications

RM102

Straight multitong press fitting. Stamped brass body CW617N - EN 12165 (Ø 16 to 63 mm); cast brass body CB752S - EN 1982 (Ø 75 to 90 mm). For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm - U for Ø 75, 90 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM103

Reducer straight multitong press fitting. Stamped brass body CW617N - EN 12165 (Ø 16 to 63 mm); cast brass body CB752S - EN 1982 (Ø 75 to 90 mm). For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm - U for Ø 75, 90 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM107

Straight multitong press fitting, male thread. Stamped brass body CW617N - EN 12165 (Ø 16 to 63 mm); cast brass body CB752S - EN 1982 (Ø 75 to 90 mm). For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm - U for Ø 75, 90 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM109

Straight multitong press fitting, female thread. Stamped brass body CW617N - EN 12165 (Ø 16 to 63 mm); cast brass body CB752S - EN 1982 (Ø 75 to 90 mm). For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm - U for Ø 75, 90 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM122

90° elbow multitong press fitting. Stamped brass body CW617N - EN 12165 (Ø 16 to 63 mm); cast brass body CB752S - EN 1982 (Ø 75 to 90 mm). For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm - U for Ø 75, 90 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM127

90° elbow multitong press fitting, male thread. Stamped brass body CW617N - EN 12165. For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM128

90° elbow multitong press fitting, with chrome-plated copper pipe Ø 16 mm. Stamped brass body CW617N - EN 12165. For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM129

90° elbow multitong press fitting, female thread. Stamped brass body CW617N - EN 12165. For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM130SP

90° elbow multitong press fitting, with threaded flat seat nut ISO228. Stamped brass body CW617N - EN 12165. For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM139

90° elbow multitong press fitting, female thread, with wall-mount bracket. Stamped brass body CW617N - EN 12165. For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM144

45° elbow multitong press fitting. Stamped brass body CW617N - EN 12165. For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM150

Tee multitong press fitting. Stamped brass body CW617N - EN 12165 (Ø 16 to 63 mm); cast brass body CB752S - EN 1982 (Ø 75 to 90 mm). For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm - U for Ø 75, 90 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM151

Reducer Tee multitong press fitting. Stamped brass body CW617N - EN 12165 (Ø 16 to 63 mm); cast brass body CB752S - EN 1982 (Ø 75 to 90 mm). For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm - U for Ø 75, 90 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM153

Tee multitong press fitting, male thread. Stamped brass body CW617N - EN 12165. For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM154

Tee multitong press fitting, female thread. Stamped brass body CW617N - EN 12165. For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM158

Tee sloped 45° multitong press fitting, with chrome plated copper pipe Ø 16 mm. Stamped brass body CW617N - EN 12165. For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM173

Bonnet shut-off cock with multitong press fittings and protection cap. Stamped brass body CW617N - EN 12165. For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM179

Straight multitong press fitting with base adaptor nut. Stamped brass body CW617N - EN 12165. For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM179E

Straight multitong press fitting, with Eurocone adaptor nut. Stamped brass body CW617N - EN 12165. For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM179SP

Straight multitong press fitting, with threaded flat seat nut ISO228. Stamped brass body CW617N - EN 12165. For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM18

Straight 3-piece multitong press fitting. Stamped brass body CW617N - EN 12165. For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM19

90° elbow 3-piece multitong press fitting. Stamped brass body CW617N - EN 12165. For multilayer or plastic pipes. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile TH, H, U for Ø 16, 20, 32 mm - TH, H for Ø 26 mm - TH, U for Ø 40, 50 mm - TH for Ø 63 mm. Temperature range 5÷110 °C. Max. working pressure 10 bar.

RM103

Straight fitting with multitong press connection for multilayer or plastic pipes and connection for copper pipe. Brass body CW617N - EN 12165. EPDM double black O-Ring, complying with EN 681-1. For hydraulic systems. AISI 304 stainless steel compression bush. Press profile for multilayer and plastic pipe TH, H, U. Press profile for copper pipe V. Temperature range 5÷110 °C. Max. working pressure 10 bar.


Warranty


All products and components by Giacomini undergo a variety of quality controls as a guarantee for their high quality, certified by the quality assurance system in compliance with UNI EN ISO 9001.


All products and components by Giacomini are covered by the guarantee and liability set forth by directives 1994/44/EC, 2001/95/EC and 85/374/EEC.


The warranty will be void when:

- 1) Fittings used for distribution of fluids are not compatible with the materials.
- 2) Flaws are visually detectable upon installation or during seal testing on pressurised systems.
- 3) Installation instructions are not thoroughly complied with.
- 4) Pipes connected to the fittings feature incompatible materials or dimensions.
- 5) Fittings installed with components are not manufactured by Giacomini. The warranty covers the fittings only and not the entire system.

 **Safety Warning.** Installation, commissioning and periodical maintenance of the product must be carried out by qualified operators in compliance with national regulations and/or local standards. A qualified installer must take all required measures, including use of Individual Protection Devices, for his and others' safety. An improper installation may damage people, animals or objects towards which Giacomini S.p.A. may not be held liable.

 **Package Disposal.** Carton boxes: paper recycling. Plastic bags and bubble wrap: plastic recycling.

 **Additional information.** For more information, go to giacomini.com or contact our technical assistance service. This document provides only general indications. Giacomini S.p.A. may change at any time, without notice and for technical or commercial reasons, the items included herewith. The information included in this technical sheet do not exempt the user from strictly complying with the rules and good practice standards in force.

 **Product Disposal.** Do not dispose of product as municipal waste at the end of its life cycle. Dispose of product at a special recycling platform managed by local authorities or at retailers providing this type of service.