

RM series



Water
Management



Energy
Management

Multitong press fittings

16x2 20x2 26x3 32x3 40x3,5

50x4 63x4,5 75x5 90x7

Datasheet
0509EN ↻ 02/2020



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.



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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

➤ Main characteristics

Tongs profile

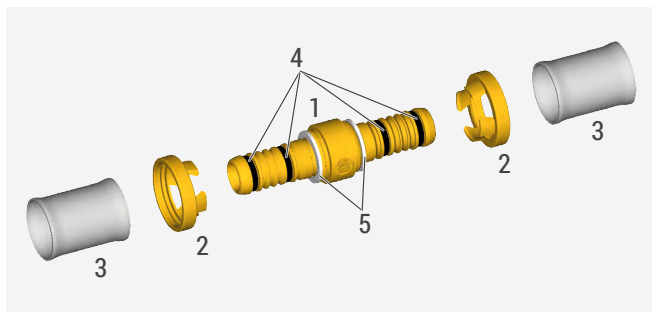
PIPE SIZE [mm]	TONGS PROFILE	
16 x 2	TH - H - U	
20 x 2	TH - H - U	
26 x 3	TH - H	
32 x 3	TH - H - U	
40 x 3,5	TH - U	
50 x 4	TH - U	
63 x 4,5	TH	
75 x 5	U	
90 x 7	U	

Multilayer pipe technical characteristics

PIPE SIZE [mm]	MEAN EXTERNAL Ø [mm]	MEAN INTERNAL 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
 <p>RM102</p>	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	
 <p>RM103</p>	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)	
 <p>RM107</p>	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
 <p>RM129</p>	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)	90° elbow, female thread
	RM129Y047	Rp 3/4" x (20 x 2)	
	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)	
	RM129Y088	Rp 2" x (63 x 4,5)	
	RM129Y098	Rp 2-1/2" x (63 x 4,5)	
 <p>RM130SP</p>	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)	
	RM130PY058	G 1"F x (26 x 3)	
 <p>RM139</p>	RM139Y033	Rp 1/2" x (16 x 2)	90° elbow, female thread, with wall-mount bracket
	RM139Y037	Rp 1/2" x (20 x 2)	
	RM139Y049	Rp 3/4" x (26 x 3)	
 <p>RM144</p>	RM144Y009	26 x 3	45° elbow
	RM144Y011	32 x 3	
	RM144Y012	40 x 3,5	
	RM144Y013	50 x 4	
	RM144Y014	63 x 4,5	
 <p>RM150</p>	RM150Y003	16 x 2	Tee
	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
 <p>RM153</p>	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)	
 <p>RM158</p>	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
 <p>RM179</p>	RM179X023	B.16 x (16 x 2)	Straight, with base adaptor nickel plated nut
	RM179X033	B.18 x (16 x 2)	
 <p>RM179E</p>	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)	
 <p>RM179SP</p>	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)	
RM179Y097	G 2"F x (63 x 4,5)		
 <p>RM173</p>	RM173Y033	16 x 2	Shut-off cock
	RM173Y037	20 x 2	
 <p>RM18</p>	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)	
 <p>RM19</p>	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	TYPE	DESCRIPTION
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.


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.