

# RF LINE



**cmatic®**  
P N E U M A T I C F I T T I N G S

Raccordi Standard per Applicazioni Food and Beverage  
Standard Fittings for Food and Beverage Applications  
Raccords Standard pour le domaine alimentaire et des boissons  
Standardverschraubungen für  
Lebensmittel-und Getränkeanwendungen



I

RF è la famiglia di Raccordi Standard certificata per applicazioni Food and Beverage.

Completamente realizzato in ottone a basso contenuto di piombo, il raccordo della serie RF è certificato NSF secondo lo standard 169 per il contatto con acqua, the e caffè; risulta pertanto la soluzione ottimale per l'industria delle macchine del caffè e del vending.

Completa le certificazioni del raccordo serie RF anche la conformità secondo lo standard NSF/ANSI 372 che garantisce la rispondenza dell'ottone ai tenori di piombo massimi concessi per il contatto con acqua potabile (U.S. Safe Drinking Water Act).

GB

RF is a Standard Fittings line certified for Food and Beverage applications.

RF fitting is made of brass with low lead content and it is NSF certified according to the 169 standards for contact with water, tea and coffee. This makes RF fitting the right solution for the coffee and vending machines industry.

On top of the 169 NSF/ANSI Certificate, the RF fitting boasts also the NSF/ANSI 372 brass compliance with the maximum lead content standards allowed for contact with drinking water (U.S. Safe Drinking Water Act).

F

RF est la série des raccords standard certifiée pour les applications alimentaires et de boissons.

Entièrement en laiton à faible teneur en plomb, le raccord série RF est certifié NSF selon la norme 169 pour le contact avec l'eau, le thé et le café; c'est donc la solution optimale pour l'industrie du café et des distributeurs automatiques.

La certification des raccords de la série RF est également conforme à la norme NSF/ANSI 372 qui garantit la conformité du laiton aux niveaux maximum de plomb autorisés pour le contact avec l'eau potable (U.S. Safe Drinking Water Act).

D

RF ist eine Standardverschraubung baureihe spezifisch entwickelt für Anwendungen im Bereich Nahrungsmittel und Getränke.

Die Verschraubung besteht aus Messing mit geringem Bleigehalt und ist nach NSF 169 Richtlinie für den Kontakt mit Wasser, Tee und Kaffee zertifiziert.

Diese Baureihe ist daher die perfekte Lösung für Kaffeemaschinenhersteller oder Getränkeautomaten.

Die NSF Zertifizierung wird auch mit der Konformität gemäß NSF/ANSI 372 Richtlinie ergänzt, die die Tauglichkeit von Messing und den maximal erlaubten Bleianteil für Trinkwasserkontakt garantiert (U.S. Safe Drinking Water Act).

Corpo  
Body  
Corps  
Körper

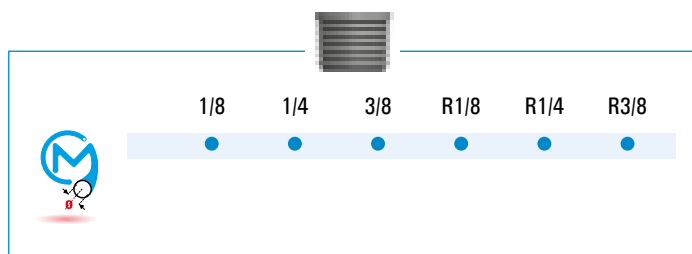
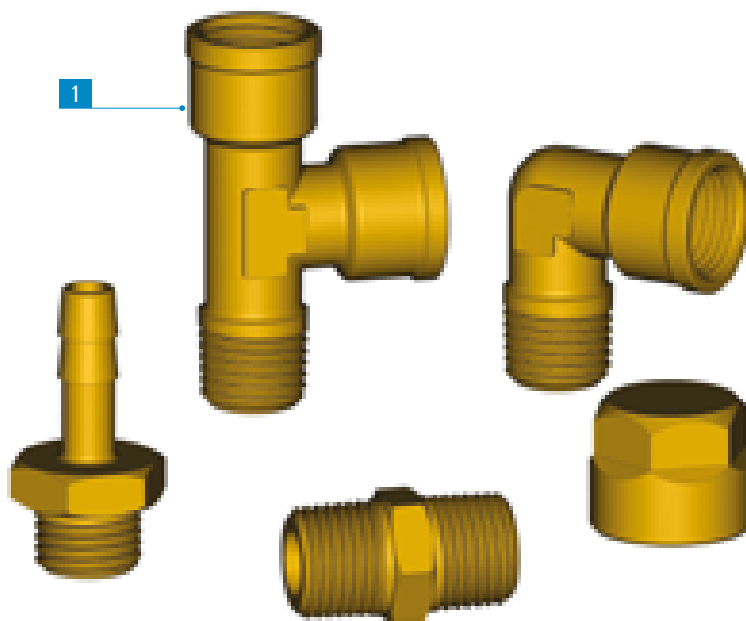
Ottone EN 12164 CW510L Conforme NSF/ANSI 372  
Brass EN12164 CW510L Compliant NSF/ANSI 372  
Laiton EN12164 CW510L, Conforme NSF/ANSI 372  
Messing EN12164 CW510L, NSF/ANSI 372 konform



-40°C ÷ 150°C



Max 60 bar



Campi di applicazione:  
Applicazioni nel settore Food and Beverage.

Application fields:  
Food and Beverage Applications.

Domaines d'application:  
Applications alimentaires et de boissons.

Anwendungsbereiche:  
Anwendungen im Bereich Nahrungsmittel und Getränke.

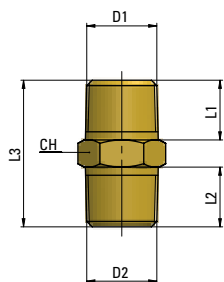
## RF 12

Nipplo conico

Nipple, taper

Mamelon conique

Doppelnippel, kegelig



| Type     | D1   | D2   | L1   | L2   | L3   | CH | g $\Delta$ |
|----------|------|------|------|------|------|----|------------|
| 12 18 18 | R1/8 | R1/8 | 7,5  | 7,5  | 19,5 | 12 | 8,2        |
| 12 18 14 | R1/8 | R1/4 | 7,5  | 11   | 23,5 | 14 | 14,1       |
| 12 14 14 | R1/4 | R1/4 | 11   | 11   | 27   | 14 | 17,3       |
| 12 14 38 | R1/4 | R3/8 | 11   | 11,5 | 27,5 | 17 | 21,1       |
| 12 38 38 | R3/8 | R3/8 | 11,5 | 11,5 | 28   | 17 | 23,3       |

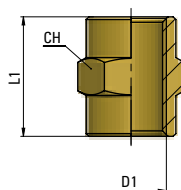
## RF 13

Manicotto

Joint piece

Manchon

Muffe



| Type     | D1   | L1 | CH | g $\Delta$ |
|----------|------|----|----|------------|
| 13 00 18 | G1/8 | 15 | 14 | 10,4       |
| 13 00 14 | G1/4 | 22 | 17 | 18,8       |
| 13 00 38 | G3/8 | 23 | 20 | 21,4       |

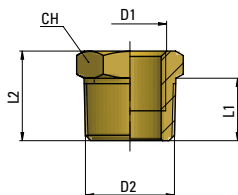
## RF 14

Riduzione F-M conica

Taper female-male reducing connector

Réduction femelle-mâle, conique

Reduzierstück, Auf-Einschraub, kegelig



| Type     | D1   | D2   | L1   | L2   | CH | g $\Delta$ |
|----------|------|------|------|------|----|------------|
| 14 18 14 | G1/8 | R1/4 | 11   | 16   | 14 | 10,5       |
| 14 18 38 | G1/8 | R3/8 | 11,5 | 16,5 | 17 | 20         |
| 14 14 38 | G1/4 | R3/8 | 11,5 | 16,5 | 17 | 12,8       |

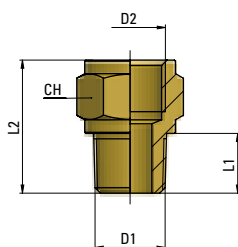
## RF 16

Prolunga M-F conica

Adaptor male-female, taper

Réduction mâle-femelle, conique

Reduziernippel, Ein-Aufschraub, kegelig



| Type     | D1   | D2   | L1   | L2   | CH | g $\Delta$ |
|----------|------|------|------|------|----|------------|
| 16 18 18 | R1/8 | G1/8 | 7,5  | 17,5 | 12 | 10,7       |
| 16 18 14 | R1/8 | G1/4 | 7,5  | 21   | 17 | 16,9       |
| 16 14 14 | R1/4 | G1/4 | 11   | 24,5 | 17 | 20,4       |
| 16 14 38 | R1/4 | G3/8 | 11   | 25,5 | 20 | 23,9       |
| 16 38 38 | R3/8 | G3/8 | 11,5 | 26   | 20 | 28,2       |

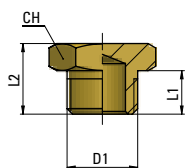
## RF 19

Tappo cilindrico

Parallel plug

Bouchon cylindrique

Verschlussstopfen, zylindrisch



| Type     | D1   | L1 | L2 | CH | g    |
|----------|------|----|----|----|------|
| 19 00 18 | G1/8 | 6  | 10 | 14 | 7,3  |
| 19 00 14 | G1/4 | 8  | 13 | 17 | 13,3 |
| 19 00 38 | G3/8 | 9  | 14 | 20 | 19,8 |

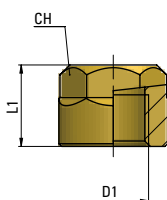
## RF 20

Tappo femmina

Female plug

Bouchon femelle

Verschlusskappe, Aufschraub



| Type     | D1   | L1   | CH | g    |
|----------|------|------|----|------|
| 20 00 18 | G1/8 | 10   | 14 | 6,5  |
| 20 00 14 | G1/4 | 13,5 | 15 | 19,8 |
| 20 00 38 | G3/8 | 14   | 19 | 17,6 |

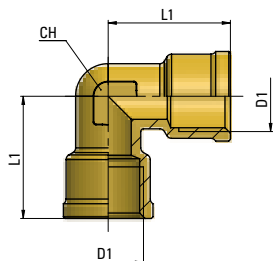
## RF 21

Gomito F-F

Female elbow

Equerre femelle

Winkel mit Innengewinde



| Type     | D1   | L1   | CH | g    |
|----------|------|------|----|------|
| 21 18 18 | G1/8 | 18,5 | 10 | 14,7 |
| 21 14 14 | G1/4 | 22,5 | 12 | 24,9 |
| 21 38 38 | G3/8 | 25,5 | 15 | 42,3 |

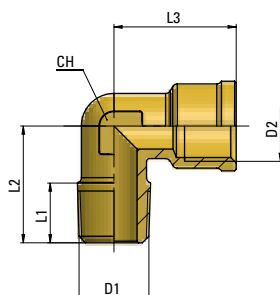
## RF 22

Gomito M-F

Male-female elbow

Equerre mâle-femelle

Einschraubwinkel mit Innen-und Außengewinde



| Type     | D1   | D2   | L1  | L2   | L3   | CH | g    |
|----------|------|------|-----|------|------|----|------|
| 22 18 18 | R1/8 | G1/8 | 8,2 | 17   | 18,5 | 10 | 12,3 |
| 22 14 14 | R1/4 | G1/4 | 11  | 21,5 | 22,5 | 12 | 22,6 |
| 22 38 38 | R3/8 | G3/8 | 12  | 24,5 | 25,5 | 15 | 39,4 |

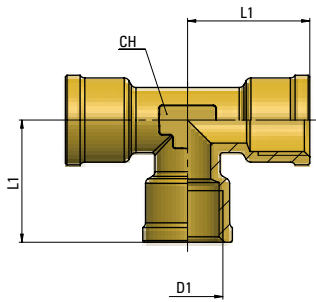
## RF 23

T F-F-F

Female tee

Té femelle

T-Stück mit Innengewinde



| Type     | D1   | L1   | CH | g $\Delta$ |
|----------|------|------|----|------------|
| 23 18 18 | G1/8 | 18,5 | 10 | 21         |
| 23 14 14 | G1/4 | 22,5 | 12 | 35,5       |
| 23 38 38 | G3/8 | 25,5 | 15 | 59,8       |

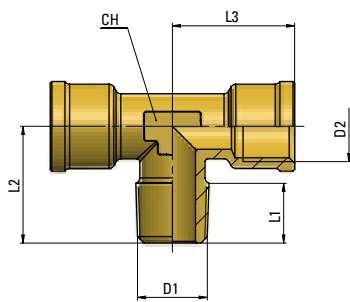
## RF 24

T F-M-F

Female-male-female tee

Té femelle-mâle-femelle

T-Stück (innen-außen-innen)



| Type     | D1   | D2   | L1  | L2   | L3   | CH | g $\Delta$ |
|----------|------|------|-----|------|------|----|------------|
| 24 18 18 | R1/8 | G1/8 | 8,2 | 17   | 18,5 | 10 | 18,9       |
| 24 14 14 | R1/4 | G1/4 | 11  | 21,5 | 22,5 | 12 | 33,1       |
| 24 38 38 | R3/8 | G3/8 | 12  | 24,5 | 25,5 | 15 | 57,2       |

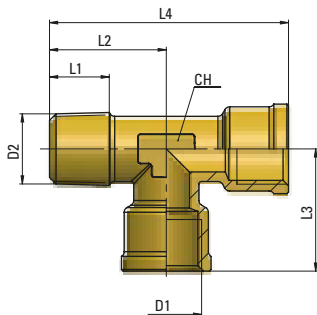
## RF 25

T M-F-F

Male-female-female tee

Té mâle-femelle-femelle

T-Stück (außen-innen-innen)



| Type     | D1   | D2   | L1  | L2   | L3   | L4   | CH | g $\Delta$ |
|----------|------|------|-----|------|------|------|----|------------|
| 25 18 18 | G1/8 | R1/8 | 8,2 | 17   | 18,5 | 35,5 | 10 | 18,8       |
| 25 14 14 | G1/4 | R1/4 | 11  | 21,5 | 22,5 | 44   | 12 | 32,9       |
| 25 38 38 | G3/8 | R3/8 | 12  | 24,5 | 25,5 | 50   | 15 | 57,3       |

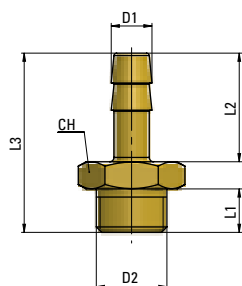
## RF 30

Portagomma

Hose connector

Douille cannelée

Schlauchtülle



| Type      | Øi Tubo | D1  | D2   | L1 | L2 | L3 | CH | g $\Delta$ |
|-----------|---------|-----|------|----|----|----|----|------------|
| 30 6,5 18 | 6       | 6,5 | G1/8 | 6  | 20 | 30 | 14 | 9,7        |
| 30 6,5 14 | 6       | 6,5 | G1/4 | 8  | 20 | 33 | 17 | 15,8       |

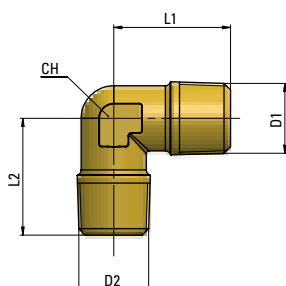
## RF 35

Gomito M-M

Male-male elbow

Equerre mâle

Winkel mit Außengewinde



| Type     | D1   | D2   | L1   | L2   | CH | g    |
|----------|------|------|------|------|----|------|
| 35 18 18 | R1/8 | R1/8 | 17   | 17   | 10 | 10,3 |
| 35 18 14 | R1/8 | R1/4 | 19   | 21,5 | 12 | 19,6 |
| 35 14 14 | R1/4 | R1/4 | 21,5 | 21,5 | 12 | 20,6 |
| 35 14 38 | R1/4 | R3/8 | 23   | 24,5 | 15 | 34   |
| 35 38 38 | R3/8 | R3/8 | 24,5 | 24,5 | 15 | 36   |

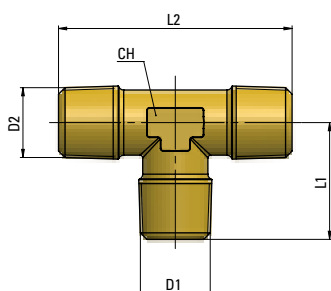
## RF 36

T M-M-M

Male tee

Té mâle

T-Stück mit Außengewinde



| Type     | D1   | D2   | L1   | L2 | CH | g    |
|----------|------|------|------|----|----|------|
| 26 18 18 | R1/8 | R1/8 | 17   | 34 | 10 | 14,4 |
| 26 14 14 | R1/4 | R1/4 | 21,5 | 43 | 12 | 28,5 |
| 26 38 38 | R3/8 | R3/8 | 24,5 | 49 | 15 | 50,2 |

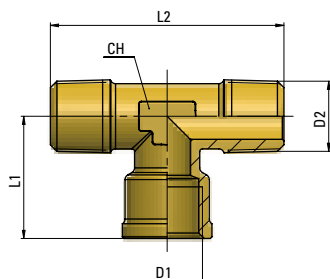
## RF 45

T M-F-M

Male-female-male tee

Té mâle-femelle-mâle

T-Stück (außen-innen-außen)



| Type     | D1   | D2   | L1   | L2 | CH | g    |
|----------|------|------|------|----|----|------|
| 45 18 18 | G1/8 | R1/8 | 18,5 | 34 | 10 | 16,7 |
| 45 14 14 | G1/4 | R1/4 | 22,5 | 43 | 12 | 30,8 |
| 45 38 38 | G3/8 | R3/8 | 25,5 | 49 | 15 | 53,3 |

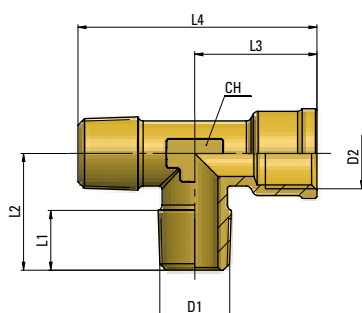
## RF 47

T M-M-F

Male-male-female tee

Té mâle- mâle-femelle

T-Stück (außen-außen-innen)



| Type     | D1   | D2   | L1  | L2   | L3   | L4   | CH | g    |
|----------|------|------|-----|------|------|------|----|------|
| 47 18 18 | R1/8 | G1/8 | 8,2 | 17   | 18,5 | 35,5 | 10 | 16,6 |
| 47 14 14 | R1/4 | G1/4 | 11  | 21,5 | 22,5 | 44   | 12 | 30,5 |
| 47 38 38 | R3/8 | G3/8 | 12  | 24,5 | 25,5 | 50   | 15 | 53,4 |