

## MF LINE



IT

EN

### 食品和饮料领域快插接头

MF系列是一款专为食品饮料行业设计的快插接头。该接头采用低铅黄铜材质（铅含量<0.1%），通过NSF/ANSI 169认证，可安全接触水、茶和咖啡等饮品，这使MF系列成为咖啡机和自动售卖机行业的理想解决方案。同时，该产品符合NSF/ANSI 372标准关于饮用水接触黄铜材料含铅量的限定要求（铅含量<0.1%），满足美国《安全饮用水法案》规范。MF系列接头还符合ROHS III指令环保标准。

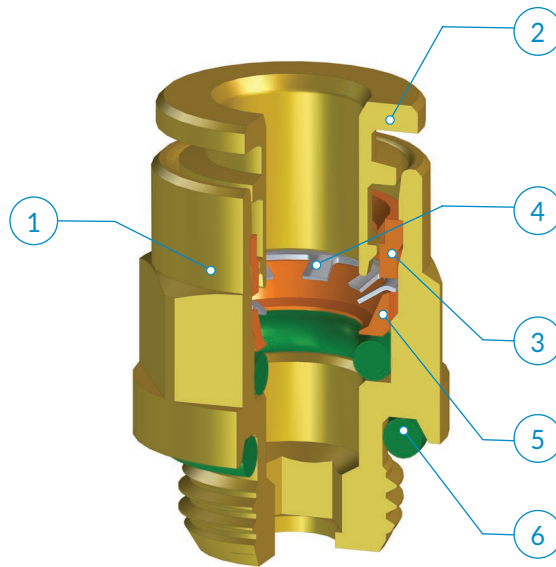
### Push-in Fittings for Food and Beverage Applications

MF is a push-to-connect fitting designed for food and beverage applications. The MF fittings are made of low lead brass (Pb<0,1%) and they are certified NSF/ANSI 169 for contact with water, tea and coffee. This makes the MF line the right solution for the coffee and vending machines industry. The MF fitting also boasts the NSF/ANSI 372 compliance to brass maximum allowed lead content standards (Pb<0,1%) for use in contact with drinking water (U.S. Safe Drinking Water Act). MF fittings are meeting the ROHS III Directive.

# MF Line

<p>1 本体 Body</p> <p>黄铜 EN 12164 CW510L 符合 NSF/ANSI 372 Brass UNI EN12164 CW510L, NSF/ANSI 372 compliant</p>	<p>2 释放环 Release ring</p>	<p>3 支撑环 Holding ring</p> <p>树脂 Resin</p>	<p>4 卡爪 Gripping ring</p> <p>(PEI) (PEI)</p> <p>AISI 301 不锈钢 Stainless steel AISI 301</p>	<p>5 保护环 Protection ring</p> <p>树脂 Resin</p>	<p>6 密封圈 Seals</p> <p>(PEI) (PEI)</p> <p>满足FDA规范的FPM FPM, FDA compliant</p>
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-20° ÷ 150°C
 20 bar
 -99 KPa
 SILICONE FREE
 "RoHS III" full compliance
 REACH
 NSF



	M5x0,8	G1/8	G1/4
4	●	●	
6	●	●	●
8		●	●



涉及蒸汽应用, 请联络销售技术团队。  
For steam applications, please contact our sales engineering team.

**建议的连接管路:**  
食品饮料行业合规管路

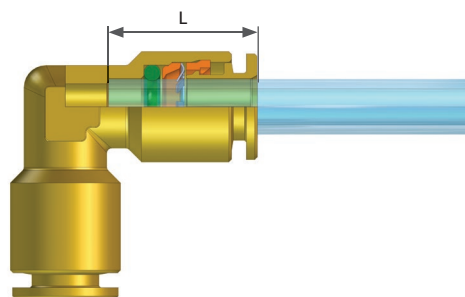
**Recommended tubings:**  
Tubing recommended for Food and Beverage

**可接受的管路公差:**  
+/- 0.07 mm, 最大直径Ø 8 mm。

**Acceptable Tolerances on the tubings:**  
+/- 0,07 mm up to Ø 8 mm

**应用领域:**  
食品和饮料领域应用。

**Application fields:**  
Food&Beverage



OD	L
4	12,8
6	14,3
8	14,3

安装说明

ASSEMBLY INSTRUCTIONS

1

沿管路垂直切割 (使用TCUT切管刀),确认内外管壁没有毛刺,同时注意避免管路截面呈椭圆形。

1

Cut the tube square (by means of a hose cutter i.e. our TCUT) making sure that no burrs are left and that the tube is not oval.

2

将管路插入接头,到底为止。

2

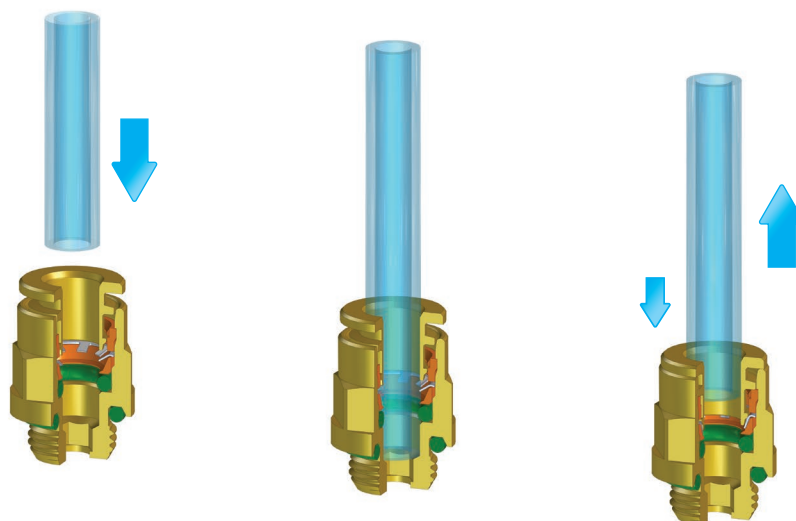
Insert the tube into the fitting until it bottoms.

拔出管路:

垂直按压释放环,同时拔出管路即可。

Tube release

While pressing on the release ring, pull out the tube from the fitting.



完成连接后,请确保管路上不承受外力;此外,请确保管路连接的最小弯曲半径符合本样册第376页之规定。为了避免管路意外松脱,任何物体均不要接触释放环。作用在释放环上任何外力,包括侧向力,均可能导致管路意外松脱。螺纹拧紧时,请参考第10页列出的建议扭矩。

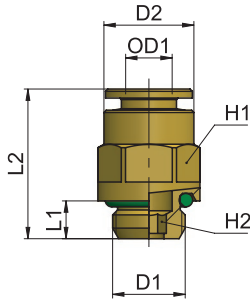


Once the tubing is connected to the fitting, make sure that the tubing is not subject to any tensile strength and that the min. recommended bending radius stated in the tubing section of this catalogue is complied with (see page 376). To prevent any accidental tube release, no components have to come in touch with the release ring and exercise any unwanted pressure on the same. Indeed however lateral, any load on the release ring may cause the tube disconnection. To tighten threads, please check out our tightening torque chart illustrated at page 10.

## MF 12

外直螺纹直接头

Parallel straight, male

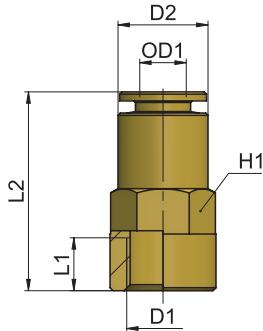


类型	OD1	D1	D2	L1	L2	H1	H2	g $\Delta\Delta$
12 04 M5	4	M5x0,8	9	4	19	-	2,5	43,5
12 04 18	4	G1/8	9	5	16,5	9	3	6,2
12 06 M5	6	M5x0,8	12	4	22,2	-	2,5	8,8
12 06 18	6	G1/8	11,9	5	19,5	12	4	9,0
12 06 14	6	G1/4	11,9	6,5	19,5	12	4	12,1
12 08 18	8	G1/8	13,9	5	23,5	13	6	8,1
12 08 14	8	G1/4	13,9	6,5	21,5	14	6	9,1

## MF 13

内螺纹直接头

Female straight

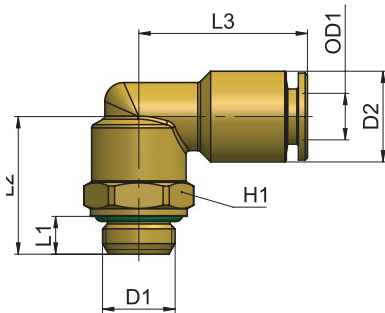


类型	OD1	D1	D2	L1	L2	H1	g $\Delta\Delta$
13 04 18	4	G1/8	9	7	23,5	9	10,4
13 06 18	6	G1/8	11,9	7	26	12	15,1
13 06 14	6	G1/4	11,9	10	30	12	17,8
13 08 14	8	G1/4	13,9	10	30	14	15,5

## MF 16

可调向外直螺纹弯管接头

Parallel swivelling elbow fitting, male

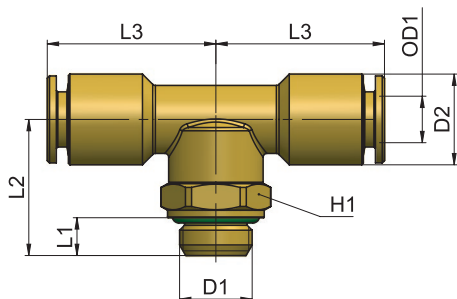


类型	OD1	D1	D2	L1	L2	L3	H1	g $\Delta\Delta$
16 04 M5	4	M5x0,8	9,1	4	14	17,5	9	9,0
16 04 18	4	G1/8	9,1	5	18,2	19,5	13	16,4
16 06 M5	6	M5x0,8	12	4	14	20,5	9	12,1
16 06 18	6	G1/8	12	5	18,2	22	13	18,8
16 06 14	6	G1/4	12	6,5	21,7	22	13	22,3
16 08 18	8	G1/8	14	5	18	22,5	13	16,5
16 08 14	8	G1/4	14	6,5	21,5	22,5	13	25,8

## MF 21

可调向直螺纹正T型三通接头

Swivelling T fitting, parallel



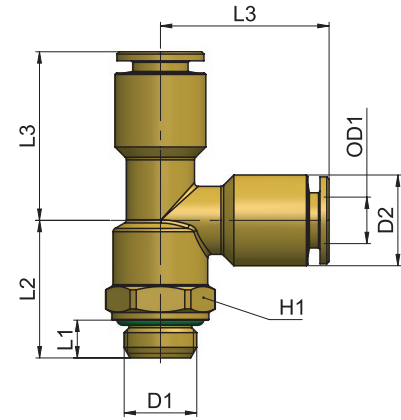
类型	OD1	D1	D2	L1	L2	L3	H1	g $\Delta\Delta$
21 04 18	4	G1/8	9,1	5	18,2	19,5	13	20,5
21 06 18	6	G1/8	12	5	18	22	13	25,4
21 06 14	6	G1/4	12	6,5	21,5	22	13	28,9
21 08 18	8	G1/8	14	5	18	22,5	13	30,4
21 08 14	8	G1/4	14	6,5	21,5	22,5	13	33,7

MF 24

外直螺纹直T型三通接头

Lateral run T fitting, parallel

类型	OD1	D1	D2	L1	L2	L3	H1	g $\Delta$
24 04 18	4	G1/8	9,1	5	18,2	19,5	13	21,4
24 06 18	6	G1/8	12	5	18,2	22	13	26,3
24 06 14	6	G1/4	12	6,5	21,7	22	13	29,8
24 08 18	8	G1/8	14	5	18	22,5	13	-
24 08 14	8	G1/4	14	6,5	21,5	22,5	13	20,0

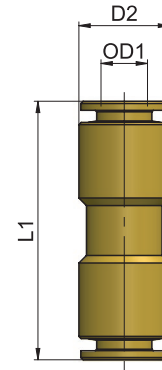


MF 26

对接接头

Union

类型	OD1	D2	L1	g $\Delta$
26 04 04	4	9	28	6,9
26 06 06	6	12	33,6	14,6
26 08 08	8	14	34	-

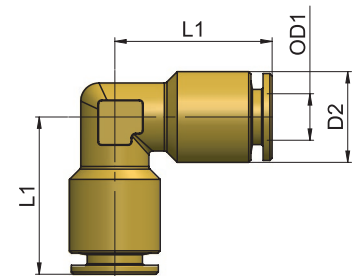


MF 28

直角对接接头

Union elbow

类型	OD1	D2	L1	g $\Delta$
28 04 04	4	9	17,5	88,2
28 06 06	6	12	20,5	16,6
28 08 08	8	14	22,5	10,0

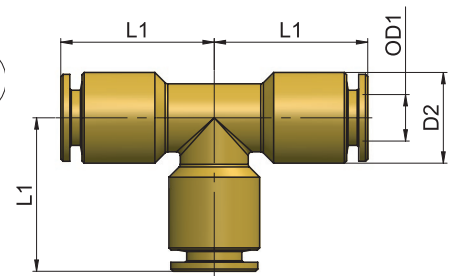


MF 29

正T型三通对接接头

Union T

类型	OD1	D2	L1	g $\Delta$
29 04 04	4	9	17,5	12,5
29 06 06	6	12	20	22,2
29 08 08	8	14	21	28,1



AP 55  
AR 63  
AV 221  
CO 157  
CX 255  
EV 217  
GU 119  
GU Safety 135  
GX 281  
GX Safety 291  
HP 317  
MA 27  
MB 41  
MC 83  
MF 235  
MM 333  
MO 93  
MP 323  
MT 339  
MV 171  
MX 241  
MY 229  
OX 261  
PA 113  
PE 79  
PM 329  
PN 67  
PT 347  
PU 131  
PU Safety 149  
PUX 287  
PV 203  
PVX 311  
PX 249  
QO 363  
RA 101  
RF 269  
RT 355  
RX 275  
Tools 369  
Tubings 375  
VF 295  
VT 359  
VX 299



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