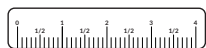


INCH



## PM LINE



CN

### 英制/NPT 80bar 润滑用快插接头

PM系列快插式管接头提供英制尺寸及NPT螺纹规格，专为集中润滑系统的高压应用而设计，最高可承受80bar的工作压力。

EN

### Medium Pressure Push-in Fittings, 80 bar Inch/NPT

The push-in fittings of the PM line are available in inch sizes and NPT threads. They are conceived for high pressure rated in central grease applications up to 80 bar.

# PM Line

## 1 本体 Body

黄铜镀镍 UNI EN 12164 CW614N - UNI EN 12165 CW617N  
Brass UNI EN 12164 CW614N - UNI EN 12165 CW617N, nickel plated

## 2 卡爪系统 Gripping collet

黄铜镀镍 UNI EN 12164 CW614N  
Brass UNI EN 12164 CW614N, nickel plated

## 3 密封圈 Seals

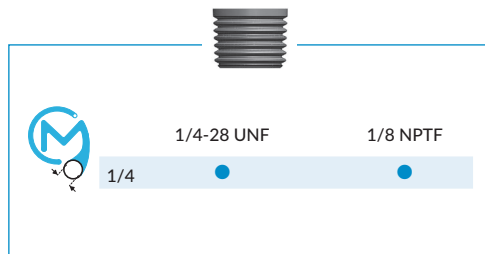
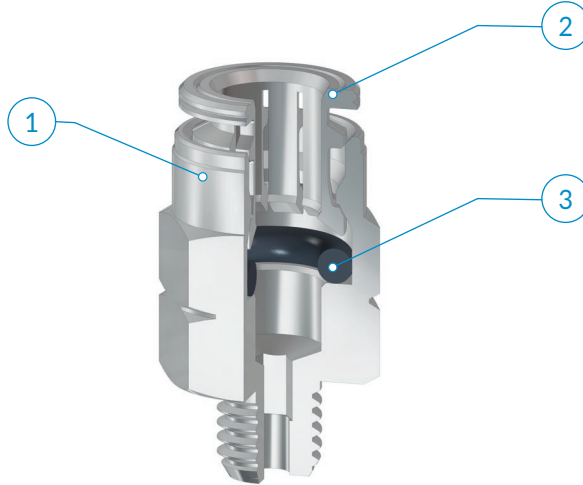
NBR  
NBR



-20° ± 80°C



80 bar



**建议的连接管路:**  
PA66, PA12 HR

**Recommended tubings:**  
PA66, PA12 HR

**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 1/4

**应用领域:**  
润滑系统。

**Application fields:**  
Lubrication installations



可承受的最大压力根据使用管路类型和环境温度而有所差异, 这两个因素或许导致管路爆破压力的降低。

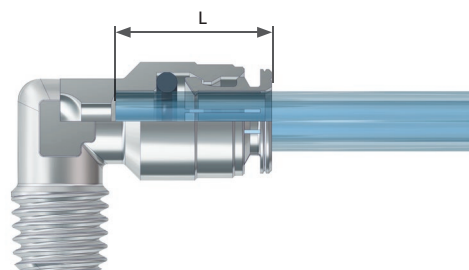


The max pressure rate achievable can vary depending on the tubing used and on the room temperature. These two factors may in fact lower the tube bursting pressure.



## 管路插入深度

## Tubing insertion depth



| OD  | L  |
|-----|----|
| 1/4 | 17 |

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。

2

将管路插入接头,到底为止。

拔出管路:

垂直按压释放环,同时拔出管路即可。

1

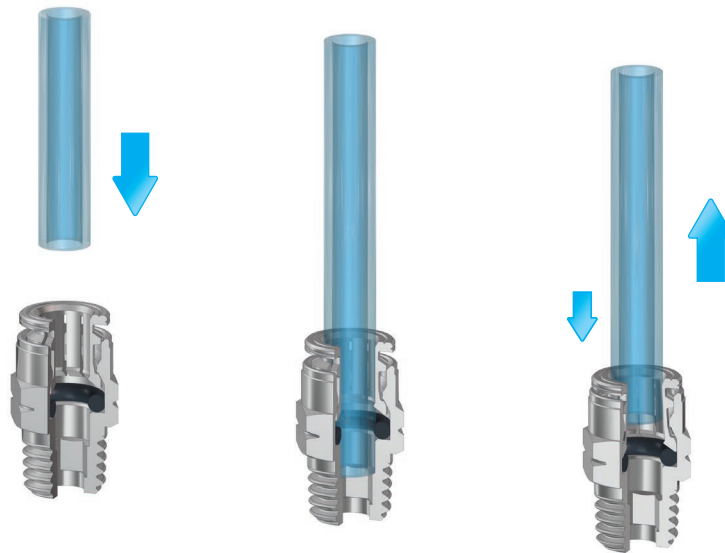
Cut the tube square (by means of a hose cutter i.e. our TCUT) making sure that no burrs are left and that the tube is not oval.

2

Insert the tube into the fitting until it bottoms.

**Tube release**

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



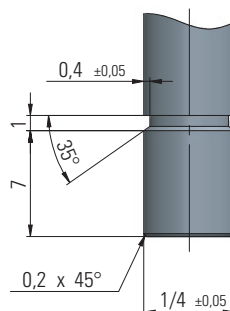
完成接头连接后,请确保管路不受到任何拉力,管路弯曲也需要符合本样本376页所声明的最小弯曲半径。为避免管路的意外脱落,不应在释放环上施加任何外力以及异常压力,释放环承受侧向的载荷也会引起管路脱落。  
螺纹拧紧力矩,请参考本样本第10页



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.

如果将金属端管与接头连接,端管截面和尺寸必须与下列建议相符。如果将具有不同规格的端管与接头相连,可能会对接头造成无法修复的损坏,因此无法确保接头的正常功能。

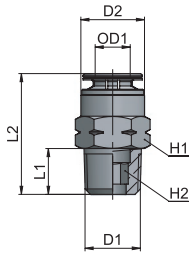
If a metal stem is connected to the fitting, the stem has to be manufactured according to the profile and sizes as set forth below. Should the fitting be connected to a metal stem not complying to the technical features recommended, the fitting may get irreversibly damaged and its function would no longer be guaranteed.



## PM 11

外锥螺纹直接头

Taper straight, male

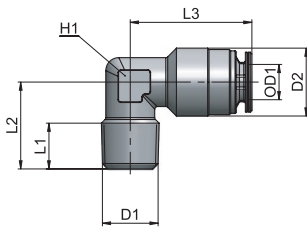


| 类型            | OD1 | D1         | D2   | L1  | L2 | H1 | H2  | g $\Delta$ |
|---------------|-----|------------|------|-----|----|----|-----|------------|
| 11 1/4 1/8    | 1/4 | 1/8 NPTF   | 11,8 | 8,5 | 22 | 12 | 5   | 9,3        |
| 11 1/4 1/4-28 | 1/4 | 1/4-28 UNF | 11,8 | 6   | 24 | 12 | 2,5 | 10,9       |

## PM 14

外锥螺纹弯管接头

Taper elbow fitting, male

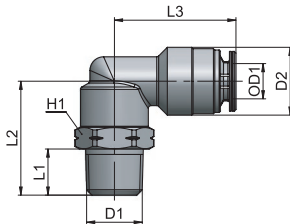


| 类型            | OD1 | D1         | D2   | L1  | L2 | L3 | H1 | g $\Delta$ |
|---------------|-----|------------|------|-----|----|----|----|------------|
| 14 1/4 1/8    | 1/4 | 1/8 NPTF   | 12,5 | 8,4 | 16 | 22 | 10 | 15,1       |
| 14 1/4 1/4-28 | 1/4 | 1/4-28 UNF | 12,5 | 7   | 15 | 22 | 10 | 14,9       |

## PM 15

可调向外锥螺纹弯管接头

Taper swivelling elbow fitting, male

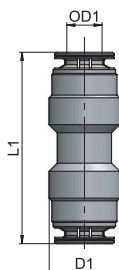


| 类型            | OD1 | D1         | D2   | L1  | L2   | L3 | H1 | g $\Delta$ |
|---------------|-----|------------|------|-----|------|----|----|------------|
| 15 1/4 1/8    | 1/4 | 1/8 NPTF   | 12,5 | 8,5 | 21   | 22 | 13 | 24,4       |
| 15 1/4 1/4-28 | 1/4 | 1/4-28 UNF | 12,5 | 6   | 18,5 | 22 | 13 | 21,2       |

## PM 26

对接接头

Union



| 类型         | OD1 | D1 | L1   | g $\Delta$ |
|------------|-----|----|------|------------|
| 26 1/4 1/4 | 1/4 | 13 | 34,5 | 16,9       |