AC-FIX

Falcon Hardware Manufacturing (Ning Bo) Co.,Ltd.
宁波猎鹰五金制造有限公司
Cixi Economic Developing Zone AC-FIX Trading Co.,Ltd.
慈溪经济开发区爱思伏克斯贸易有限公司

BRASS PUSH FITTINGS FOR MULTILAYER PEX AND PB PIPES

铝塑管/PEX/PB管用推入式管件

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BRASS PUSH FITTINGS FOR MULTILAYER,PEX AND PB PIPES

AC-FIX铝塑管/铜管/PEX/PB管用推入式管件

铝塑管/铜管/PEX/PB管用推入式管件是为了更便捷，更简单，装配速度更快而设计的。

These fittings have been designed for greater convenience, easiness and speed of assembly.

◎这一系列的设计使得管件与管子的安装无需使用任何工具，因此安装变得更快，更简单。

This system has been designed to allow the assembly of the fittings and the pipes without using any tool, so the assembly is very easy and can be done quickly.

◎同个管件能与四种管子相匹配：铜管， PEX管，PB管，铝塑管。

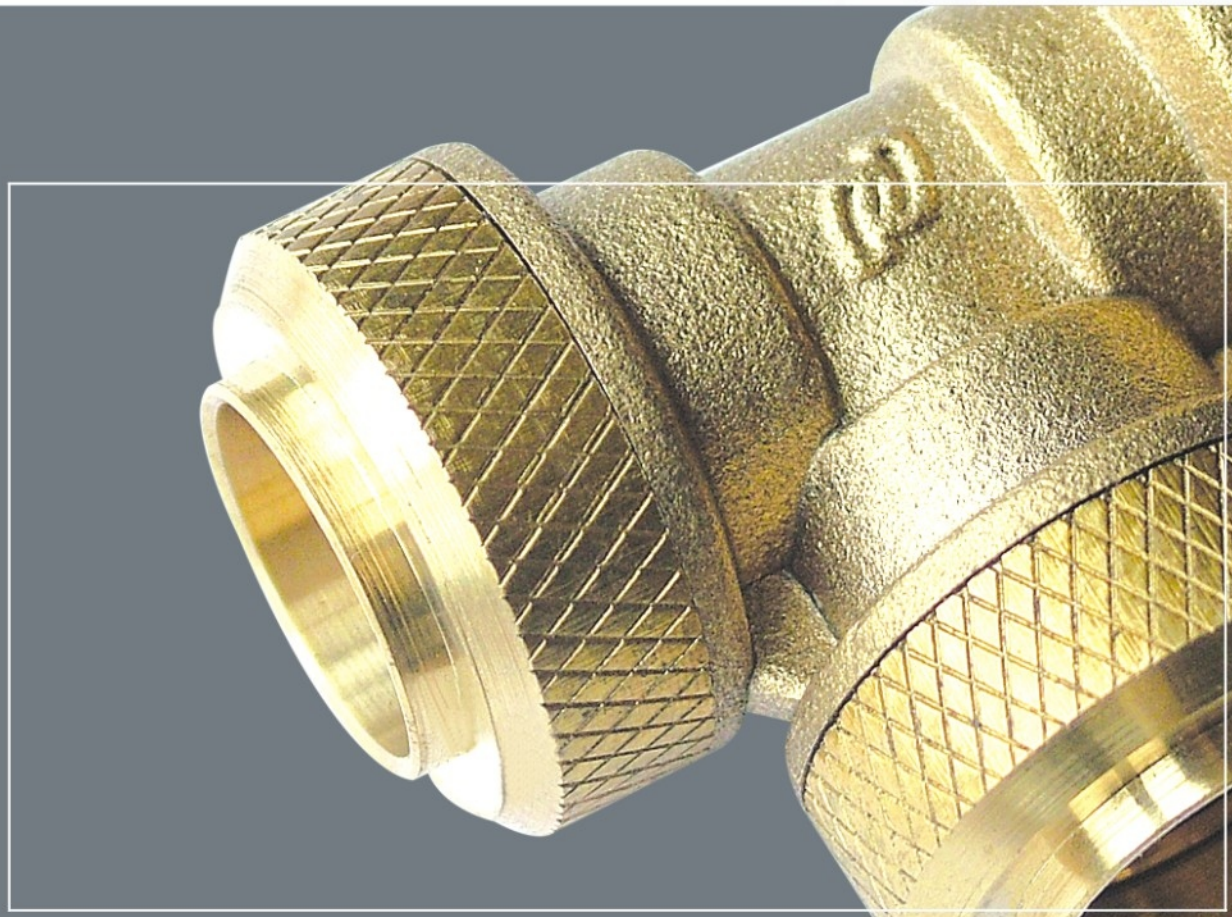
The same fitting is compatible with 4 types of pipes: Copper, PEX, PB and Multilayer pipes.

◎管件的设计不会减小管子的内径，所以流量损失是最小的。

These fittings have been designed not to reduce almost anything the internal diameter of the pipe so the load loss is minim.

◎由于管子生产时所允许的公差范围或者运输液体的不同温度，这些管件能与各种尺寸的塑料管子相匹配。

These fittings absorb safely the variations of the sizes of the plastic pipes due to the manufacturing tolerances of the pipes or to the differences of temperature of the transported fluids.



铝塑管/铜管/PEX/PB管用推入式管件所适用的管子如下：
They are compatible with the following pipes:

◎**PEX/PB管是根据标准UNE-EN-ISO15875-2, UNE-EN-ISO15876-2及ISO4065制造的，尺寸及允许的公差范围如下：**
PEX and PB pipes manufactured according to UNE-EN-ISO 15875-2, UNE-EN-ISO 15876-2 and ISO 4065 with the following nominal sizes and tolerances:

外径尺寸（mm）			壁厚尺寸 (mm)		
名义 (Nominal)	最小 (Min.)	最大 (Max.)	名义 (Nominal)	最小 (Min.)	最大 (Max.)
12	12.0	12.3	1.1	1.1	1.4
16	16.0	16.3	1.5	1.5	1.8
16	16.0	16.3	1.8	1.8	2.1
20	20.0	20.3	1.9	1.9	2.2
20	20.0	20.3	2.8	2.8	3.2
25	25.0	25.3	2.3	2.3	2.7
25	25.0	25.3	3.5	3.5	4.0
32	32.0	32.3	2.9	2.9	3.3
32	32.0	32.3	4.4	4.4	5.0

■注：要安装管件与管子，必须要使用与管子尺寸相一致的管塞。
Note: To assemble the fitting and the pipe, it is necessary to use the support sleeve corresponding to the dimensions of the pipe.

◎**铝塑管是根据标准UNE-EN-ISO21003制造的，尺寸及允许的公差范围如下：**
Multilayer pipes manufactured according to UNE-EN-ISO 21003 with the following nominal sizes and tolerances:

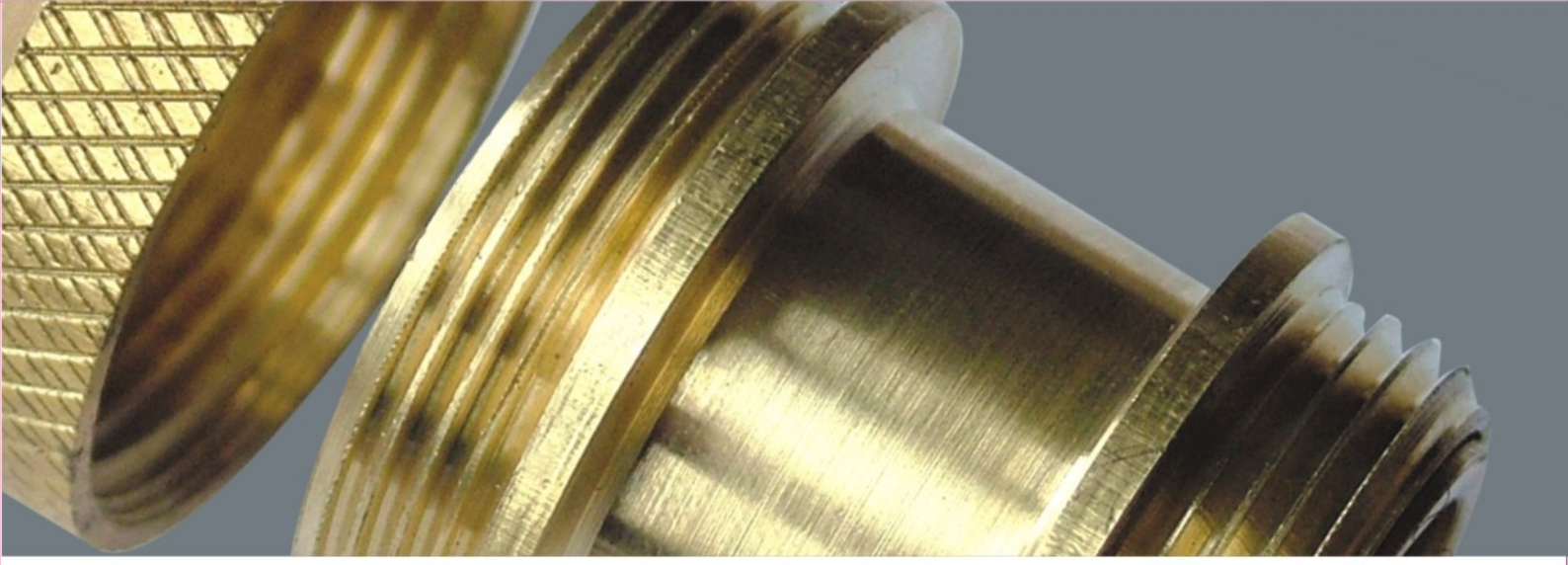
外径尺寸（mm）			壁厚尺寸 (mm)		
名义 (Nominal)	最小 (Min.)	最大 (Max.)	名义 (Nominal)	最小 (Min.)	最大 (Max.)
16	16.0	16.3	2	1.9	2.35
18	18.0	18.3	2	1.9	2.35
20	20.0	20.3	2	1.9	2.35
20	20.0	20.3	2.25	2.05	2.65
25	25.0	25.3	2.5	2.3	2.9
26	26.0	26.3	3	2.8	3.4
32	32.0	32.3	3	2.8	3.4

■注：要安装管件与管子，必须要使用与管子尺寸相一致的管塞。
Note: To assemble the fitting and the pipe, it is necessary to use the support sleeve corresponding to the dimensions of the pipe.

◎**铜管是根据标准UNE-EN1057制造的，尺寸及允许的公差范围如下：**
Copper pipes manufactured according to the norm UNE-EN1057 with the following nominal sizes and tolerances:

外径尺寸（mm）			壁厚尺寸 (mm)							
名义 (Nominal)	最小 (Min.)	最大 (Max.)	名义 (Nominal)							公差 (Tolerancia)
10	9.96	10.04	1	1.1	1.2	1.5	2.0	2.5	3	±0.13
12	11.96	12.04	1	1.1	1.2	1.5	2.0	2.5	3	±0.13
14	13.96	14.04	1	1.1	1.2	1.5	2.0	2.5	3	±0.13
16	15.96	16.04	1	1.1	1.2	1.5	2.0	2.5	3	±0.13
18	17.96	18.04	1	1.1	1.2	1.5	2.0	2.5	3	±0.13
22	21.95	22.05	1	1.1	1.2	1.5	2.0	2.5	3	±0.15

■注：要安装管件与管子，无须使用与管子尺寸相一致的管塞。
Note: To assemble the fitting and the pipe, it is unnecessary to use the support sleeve corresponding to the dimensions of the pipe.



推入式内牙直通FIXED FITTING FEMALE

尺 寸	代 码
16-1/2"	I.001.1612.8
20-1/2"	I.001.2012.8
25-3/4"	I.001.2534.8
32-1"	I.001.321.8
12-1/2"	I.001.1212.8
12-3/8"	I.001.1238.8
20-3/4"	I.001.2034.8
26-3/4"	I.001.2634.8

推入式外牙直通FIXED FITTING MALE

尺 寸	代 码
12-1/2"	I.002.1212.8
12-3/8"	I.002.1238.8
16-1/2"	I.002.1612.8
16-3/8"	I.002.1638.8
16-3/4"	I.002.1634.8
20-1/2"	I.002.2012.8
20-3/4"	I.002.2034.8
25-3/4"	I.002.2534.8
26-3/4"	I.002.2634.8
32-1"	I.002.321.8

推入式内牙三通FEMALE END TEE

尺 寸	代 码
16-1/2"	I.003.1612.8
20-1/2"	I.003.2012.8

推入式外牙三通MALE END TEE

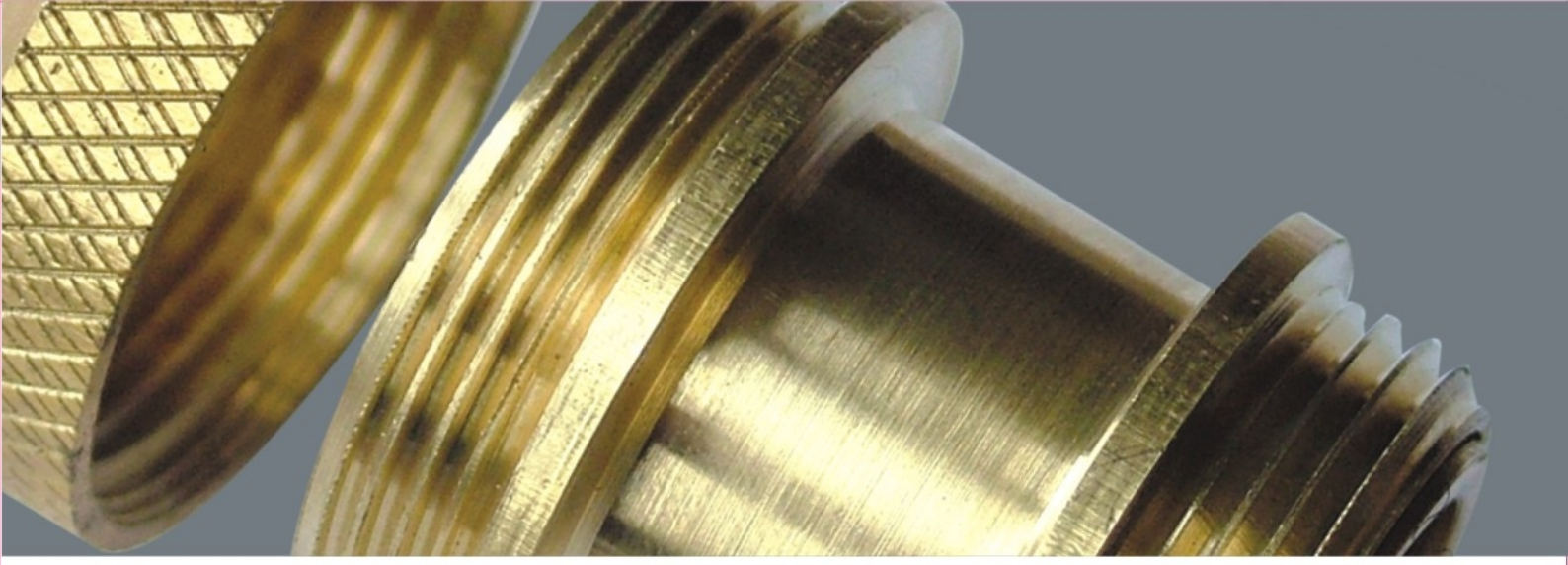
尺 寸	代 码
16-1/2"	I.004.1612.8
20-1/2"	I.004.2012.8

推入式等径三通EQUAL TEE

尺 寸	代 码
12	I.005.121212.8
16	I.005.161616.8
20	I.005.202020.8
25	I.005.252525.8
26	I.005.262626.8
32	I.005.323232.8

推入式异径三通REDUCE TEE

尺 寸	代 码
16-12-16	I.005.161216.8
20-16-16	I.005.201616.8
20-16-20	I.005.201620.8
25-16-20	I.005.251620.8
25-20-16	I.005.252016.8
25-20-25	I.005.252025.8
26-20-26	I.005.262026.8
32-25-32	I.005.322532.8



推入式等径直通EQUAL UNION

尺 寸	代 码
12	I.006.1212.8
16	I.006.1616.8
20	I.006.2020.8
25	I.006.2525.8
26	I.006.2626.8
32	I.006.3232.8

推入式异径直通REDUCING UNION

尺 寸	代 码
16-12	I.006.1612.8
20-16	I.006.2016.8
25-20	I.006.2520.8
26-20	I.006.2620.8
32-25	I.006.3225.8

推入式带座弯头ELBOW WITH FIXING BASE

尺 寸	代 码
16-1/2"	I.007.1612.8
20-1/2"	I.007.2012.8

推入式内牙弯头END FEMALE ELBOW

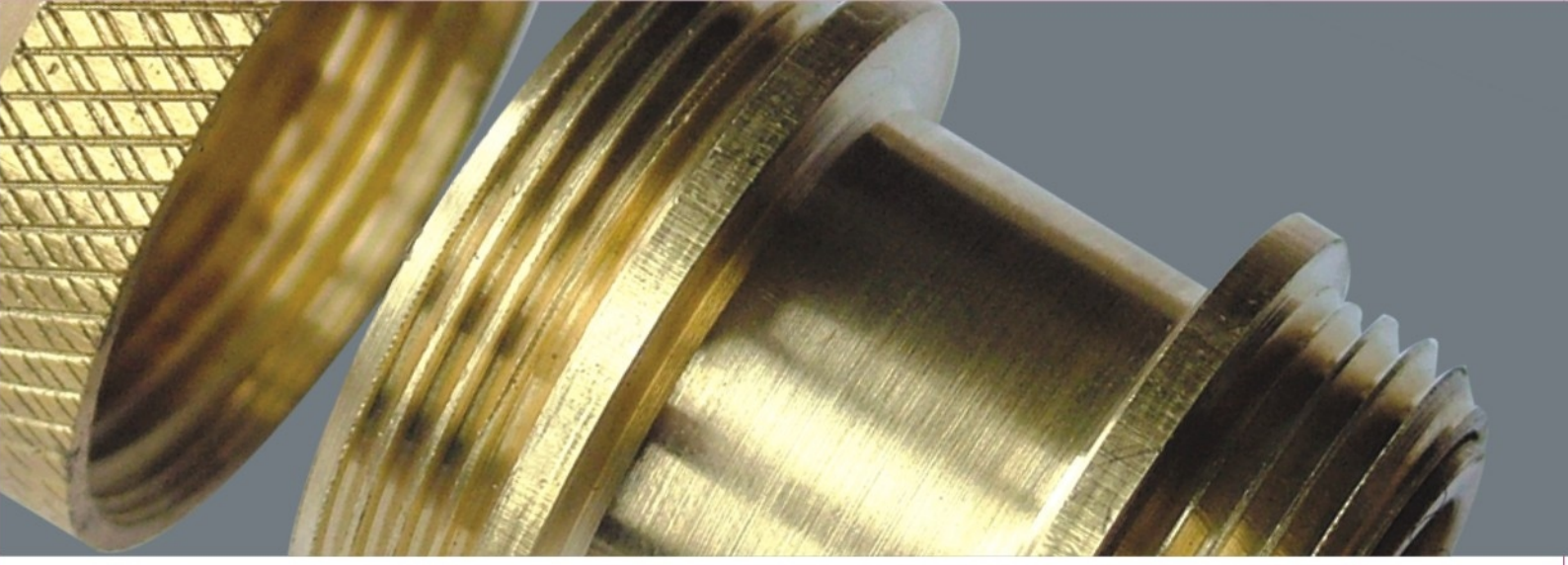
尺 寸	代 码
12-1/2"	I.008.1212.8
16-1/2"	I.008.1612.8
20-1/2"	I.008.2012.8
25-3/4"	I.008.2534.8
16-3/8"	I.008.1638.8
16-3/4"	I.008.1634.8

推入式等径弯头ELBOW

尺 寸	代 码
12	I.009.1212.8
16	I.009.1616.8
20	I.009.2020.8
25	I.009.2525.8
26	I.009.2626.8
32	I.009.3232.8

堵头END CAP

尺 寸	代 码
12	I.010.12.8
16	I.010.16.8
20	I.010.20.8
26	I.010.26.8



推入式外牙弯头END MALE ELBOW

尺 寸	代 码
16-1/2"	I.012.1612.8
20-1/2"	I.012.2012.8

推入式内牙活接弯头END FEMALE SWIVEL ELBOW

尺 寸	代 码
16-1/2"	I.015.1612.8
20-1/2"	I.015.2012.8

推入式可拔弯头EXTRACTABLE ELBOW

尺 寸	代 码
12-1/2"	I.030.1212.8
16-1/2"	I.030.1612.8

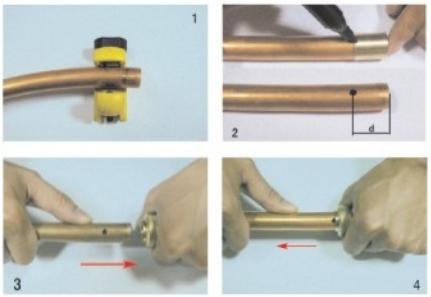
PEX/PB管用的管塞SUPPORT SLEEVE FOR PEX/PB

尺 寸	代 码
12x1.1	050.1211.8
16x1.5	050.1615.8
16x1.8	050.1618.8
16x2.2	050.1622.8
20x1.9	050.2019.8
20x2.8	050.2028.8
25x2.3	050.2523.8
25x3.5	050.2535.8
32x2.9	050.3229.8
32x4.4	050.3244.8

铝塑管用的管塞SUPPORT SLEEVE FOR MULTILAYER PIPES

尺 寸	代 码
16x2.0	051.1620.8
20x2.0	051.2020.8
20x2.25	051.20225.8
25x2.5	051.2525.8
26x3.0	051.2630.8
32x3.0	051.3230.8

铜管的安装步骤
ASSEMBLY STEPS WITH COPPER PIPES



1.确保管子的切口整齐，并垂直于轴线
Cut the pipe as clean and perpendicular as possible to its axis.

2.将管子插入测量器的底部。在测量器的凹槽处做上记号，标记的距离如图中d所示，d的值必须要符合表格1。我们建议你偶尔对管子上标注的“d”这个距离核对一下是否正确。
Put the pipe into the depth gauge, the pipe must arrive to the bottom of the depth gauge. The tool has a groove, mark the pipe at the point of the groove. You will obtain a distance"d"(see picture), this distance must be according to the Table 1. We advise you to verify sometimes that you have marked correctly the distance"d"on the pipe.

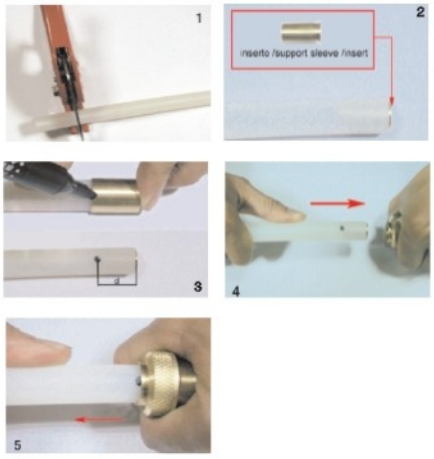
3.将管子插入管件，推至标记处。
Insert the pipe into the fitting, push and turn the pipe into the fitting until the mark.

4.紧紧地握紧管件，回拉管子，以确保管件与管子完全扣住。
Hold the fitting tightly and tug back the pipe to ensure that the fitting is correctly en gaged on the pipe.

表格1 TABLE 1

管子O.D. (Pipe O.D.)	d(mm)
DN10	20
DN12	20
DN14	20
DN16	20
DN18	20
Dn22	20

PEX/PB管的安装步骤
ASSEMBLY STEPS WITH PEX OR PB PIPES



1. 确保管子的切口整齐，并垂直于轴线
Cut the pipe as clean and perpendicular as possible to its axis

2.将管塞套入管子末端，每一种规格的管子都有其相对应的管塞，确保插入正确的管塞。
Insert the support sleeve into the pipe end. There is one support sleeve correspond ing to each DN of pipe, be careful to insert the correct support sleeve.

3.将管子插入测量器的底部。在测量器的凹槽处做上记号，标记的距离如图中d所示，d的值必须要符合表格1。我们建议你偶尔对管子上标注的“d”这个距离核对一下是否正确。
Put the pipe into the depth gauge, the pipe must arrive to the bottom of the depth gauge. The tool has a groove, mark the pipe at the point of the groove. You will obtain a distance"d"(see picture), this distance must be according to the Table 1. We advise you to verify sometimes that you have marked correctly the distance"d"on the pipe.

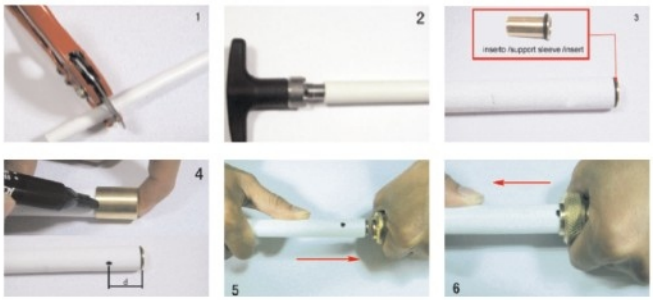
4.将管子插入管件，推至标记处。
Insert the pipe into the fitting, push and turn the pipe into the fitting until the mark.

5.紧紧地握紧管件，回拉管子，以确保管件与管子完全扣住。
Hold the fitting tightly and tug back the pipe to ensure that the fitting is correctly engaged on the pipe.

表格1 TABLE 1

管子O.D. (Pipe O.D.)	d(mm)
DN12	20
DN16	20
DN20	20
DN25	20.25
Dn32	20.5

铝塑管的安装步骤
ASSEMBLY STEPS WITH MULTILAYER PIPES



1.确保管子的切口整齐，并垂直于轴线
Cut the pipe as clean and perpendicular as possible to its axis.

2.对管子进行测量倒角。
Chamfer and calibrate the pipe.

3.将管塞套入管子末端，每一种规格的管子都有其相对应的管塞，确保插入正确的管塞。
Insert the support sleeve into the pipe end. There is one support sleeve corresponding to each DN of pipe, be careful to insert the correct support sleeve.

4.将管子插入测量器的底部。在测量器的凹槽处做上记号，标记的距离如图中d所示，d的值必须要符合表格1。我们建议你偶尔对管子上标注的“d”这个距离核对一下是否正确。
Put the pipe into the depth gauge, the pipe must arrive to the bottom of the depth gauge. The tool has a groove, mark the pipe at the point of the groove. You will obtain a distance"d"(see picture), this distance must be according to the Table 1. We advise you to verify sometimes that you have marked correctly the distance"d"on the pipe.

5.将管子插入管件，推至标记处。
Insert the pipe into the fitting, push and turn the pipe into the fitting until the mark.

6.紧紧地握紧管件，回拉管子，以确保管件与管子完全扣住。
Hold the fitting tightly and tug back the pipe to ensure that the fitting is correctly engaged on the pipe.

表格1 TABLE 1

管子O.D. (Pipe O.D.)	d(mm)
DN16	20
DN18	20
DN20	20
DN25	20.25
DN26	20.5
Dn32	20.5

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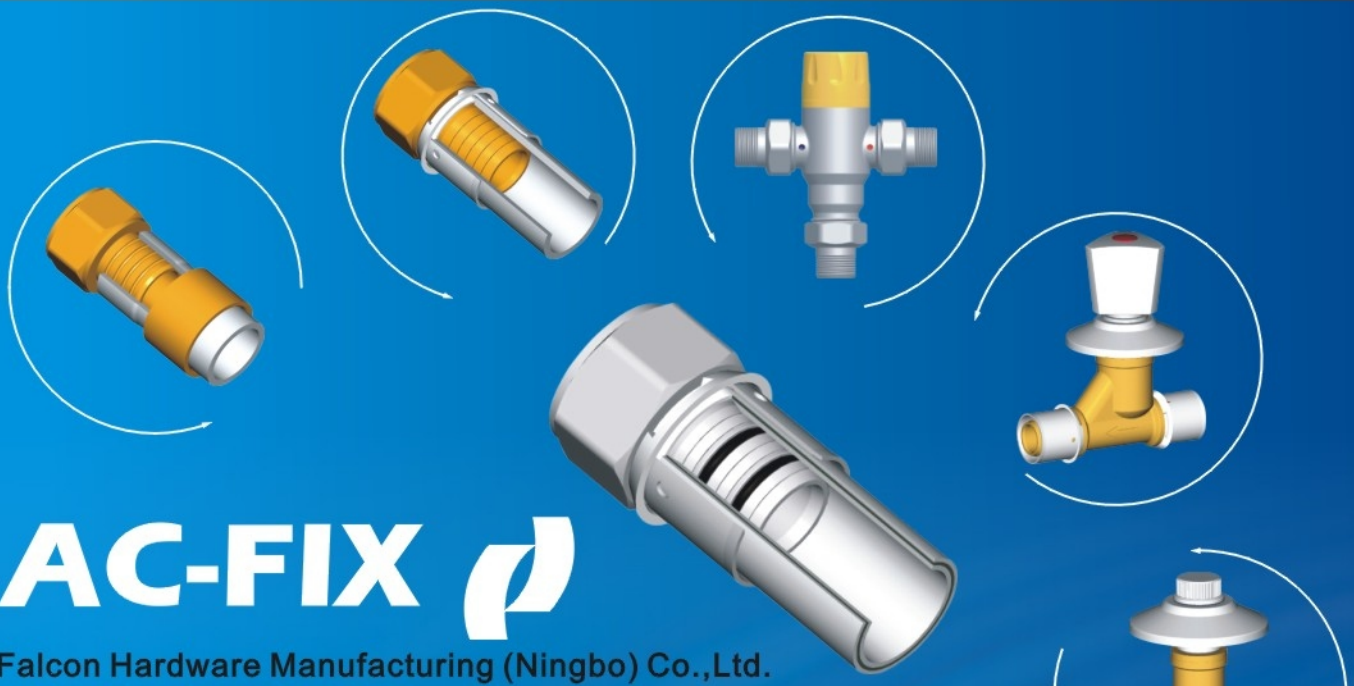

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