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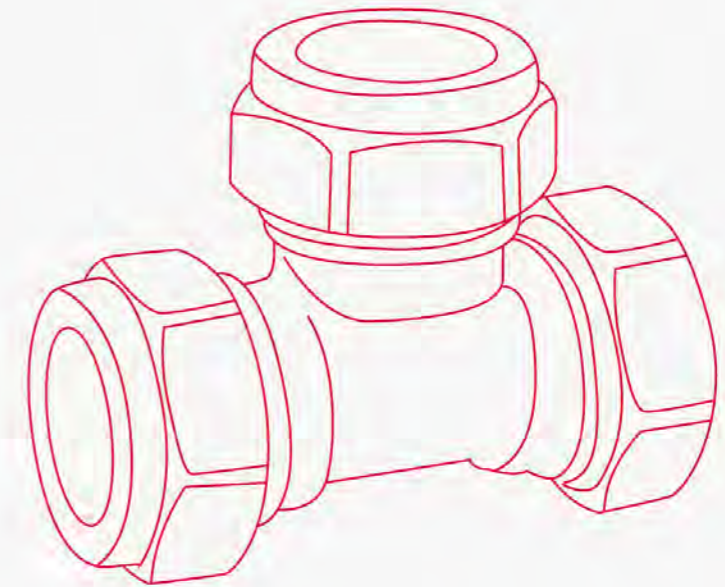


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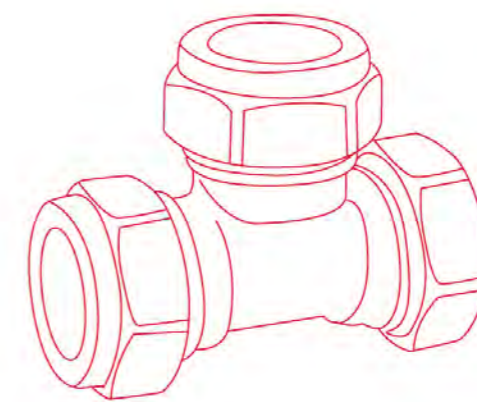
## PROFESSIONAL BRASS FITTING MANUFACTURER



温岭市宏升铜业有限公司  
Wenling HONSON Brassware Co., Ltd.

SINCE  
2004

专业的黄铜管件制造商  
PROFESSIONAL BRASS FITTING MANUFACTURER





# COMPANY PROFILE

## 公司概况



### 专业的黄铜管件制造商

PROFESSIONAL BRASS FITTING MANUFACTURER

宏升永远把客户的利益作为企业发展的方向，本着“诚信、务实、互利、双赢”的经营理念，持续改进，不断努力，竭诚为广大客户创造财富，传递价值！

We will always put the customer's interest as our direction. Based on Integrity, Practicality, Mutual benefit and win-win idea, we will try to keep improving, pursue excellence, and create wealth and transfer value to our customers.

温岭市宏升铜业有限公司是一家专业生产黄铜制管接头的生产贸易型企业。公司成立于2004年，经过近十多年的稳健发展，现已发展成为一家年产管件3500余万套，年产值超亿元，拥有400余名员工的企业。

公司坚持自主创新，不断研发，打造核心竞争力。产品线完整丰富，涵盖二十余个系列，2000多种产品，满足客户对黄铜管件一站式的需求。公司生产严格按照ISO9001:2008建立的质量体系规范管理，配备了全自动CNC、压力试验机、瑞士RAL光谱仪、万能试验机等精良的生产和检测设备。我司自主研发的自动控温高速锻压工艺不仅提高了锻件品质，而且显著提高了生产效率，已成为我司的核心竞争力。与此同时，公司注重员工培训，倡导全员参与，不断提高员工的生产技能和管理水平，确保产品品质水平和服务水平的不断提升和持续改善。

公司长期致力于开拓国际市场，经过全体宏升人的不懈努力，产品得到了国内外客户的一致认可。产品已通过欧盟CE认证、WRAS认证、ACS认证、DVGW认证、SABS认证以及丹麦VA-ETA认证。与欧美众多知名企业建立了稳定的、可持续发展的贸易伙伴关系，在英国和整个欧洲市场享有较高的市场份额和美誉度。

公司秉承可持续发展的战略，注重环境保护，已通过ISO14001:2004环境管理体系认证，致力于创造环境友好型，资源节约型的生产模式。

Wenling Honson Brassware Co., Ltd was founded in 2004, is a trade-oriented enterprise which is specialized in producing brass fittings. After ten years development, Honson is now an enterprise with over 400 employees and annual production capacity of more than 35 million sets, the annual output value exceeds 100 million RMB.

Our company insists on independent innovation; invent products without stopping, building core power. More than 20 series products have been developed, which cover over 2000 varieties. The rich product lines can meet the one-stop demand of customers. The production process are organized and managed under ISO9001:2008 quality system. Our company is equipped with advanced production and inspection equipments, such as automatic CNC, pressure test machine, RAL spectrometer and universal material machine. The Auto High-speed Forging with Temperature Control technology is a self-developed process, which not only improves the quality of the forged rough bodies, but also increases productivity greatly. Besides these hardwares, we also emphasize the training, encourage all staff participation and try to improve staff's production skill and management level. With these methods, we are keeping improving the quality and service.

Our company has been concentrating on expanding the international markets. And our products have passed CE, WRAS, ACS, DVGW, SABS and VA-ETA certification. We have established stable and long-term cooperation with many well-known enterprises in this circle. Our products enjoy high market share and reputation in UK and whole Europe market.

Our company insists sustainable development strategy. We have passed ISO14001:2004 system, and will try our best to create environment-friendly, resource-saving production model.



SINCE  
**2004**  
制造中心  
MANUFACTURING EQUIPMENT



# MANUFACTURING EQUIPMENT 制造中心

现代化的工厂内拥有专业一流的制造设备，国际先进水平的管件生产流水线。经过千锤百炼的高精加工工艺、技术稳定且专业划分细致、训练有素的产业工人，经过严格、规范的组织管理，从而使“宏升”的制造水平及产品质量得到不断提升。

The modernization of the factory has a professional first-class manufacturing equipment, the international advanced level of pipe production line. After finishing, thoroughly tempered high technology, stable and professional division is meticulous, trained with regularity of industrial workers, organized management strict and standardized, so that the "HONSON" manufacturing level and the product quality has been improved.



SINCE  
**2004**  
仓储中心  
STORAGE CENTER

# TEST CENTER 检测中心

专门的质检机构，专业的检测中心，先进的测试设备，为宏升企业构建起了科学完善的现代化质量控制体系。也使宏升企业通过一系列的国际质量检测，并获得了国际的相关认证证书。为宏升企业的明天发展奠定了一系列的基础。

Special quality inspection institutions, professional testing center and advanced test equipments build a sound, scientific and modern quality control system for HONSON, ensure us to pass the international quality inspection and obtain the relevant international certifications and lay the foundation for HONSON's future development.



# PROFESSIONAL INSTITUTIONS APPROVAL

## 专业机构的认可

追求品质的历程是我们最珍贵的财富。

无论时代如何变迁，社会如何改变，我们对于品质的追求始终如一。

基于这一理念的指导，我们将朝着未来一步一步踏实的往前走。

The pursuit of quality is our most precious wealth.

No matter how the times change, how the society changes, the pursuit of quality is consistent.

Based on the guidance of this idea, we will move forward step by step in the future.



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### **HS100**

Brass Compression Fittings For Copper Tube  
配紫铜管的，以卡套连接为端口的管件



### **HS110**

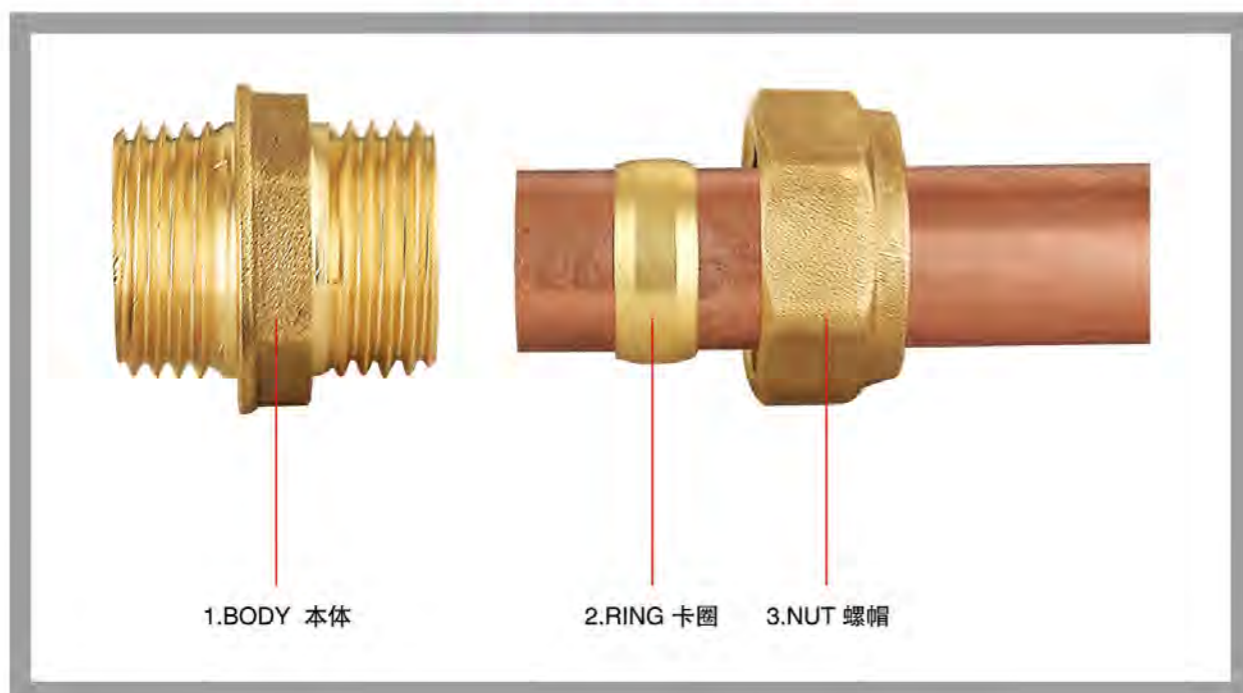
Brass Solder Fittings  
配紫铜管，以焊接连接为端口的管件



### **HS120**

Brass Repair Clamps  
补漏管夹

## HS100 SERIES



### Technical Points:

- 1.Body:Brass by hot forging.
- 2.Ring:Copper and brass.
- 3.Nut:Brass by hot forging.
- 4.Manufactured according to EN1254-2.
- 5.Fastening threads according to ISO 228/1.

### 技术要点:

1. 本体：黄铜锻造
2. 卡圈：黄铜或紫铜
3. 螺帽：黄铜锻造
4. 生产标准：EN1254-2
5. 外配螺纹标准：ISO228/1

### Assembling Instructions

- 1.Cut the copper tube perpendicular to its axis using appropriate tools,remove any trimming carefully.
- 2.Fit the nut on the tube.
- 3.Fit the ring on the tube.
- 4.Fit the tube on the body up to the mechanical stop.
- 5.Tighten the nut by hand till it is possible then using the tool tighten the nut.

### 组装说明:

1. 用合适的工具垂直紫铜管轴线，割断紫铜管，去除所有毛刺。
2. 将螺帽套在紫铜管上。
3. 将卡圈套在紫铜管上。
4. 将紫铜管插入本体。
5. 用手拧紧螺帽，直到手拧不动为止，再用工具拧紧螺帽。

### Brass Compression Fittings

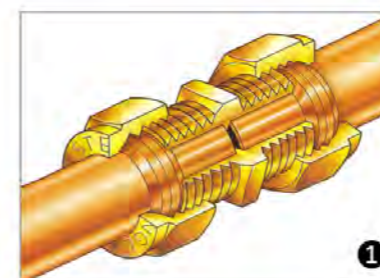
Manufactured to EN1254-2 ( formerly BS864-2 ) . Compression fittings are suitable for mechanically joining copper or stainless steel tube by means of compressing a cone onto the tube without the application of heat .

The range is designed for use with copper tube to EN1057 ( formerly BS2871 ) and stainless steel tube to EN10312 ( formerly BS4127 ) . The materials are made to the British standard of brass forging ( BS2872 CZ122 ) or rod ( BS2874 CZ121 ) .

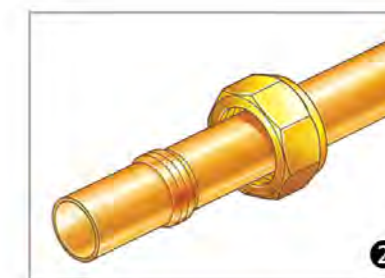
Brass compression fittings as specified in EN1254-2 are suitable for use of the following pressures and temperatures.

Medium	Service temp up to °C	Max working pressure	
		bar	psi
Water or Light Mineral Oils 10 to 54 mm sizes	30	16	230
	65	10	145
	110	6	87
	120	5	75
Saturated Steam	120	3	45
LPG & Natural Gas 10 to 28 mm sizes only	30	1	15

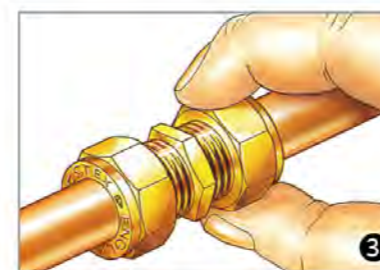
### How to Make a Perfect Joint



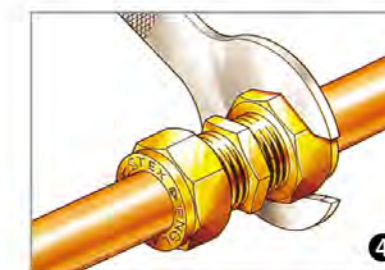
Cut the tube end square and ensure is smooth.



Insert the tube into the fitting fully.



Tighten the nut onto the fitting until the pipe can't be rotated by hand . A drop of light machine oil on the threads will facilitate tightening . ( particularly on larger sizes ) .



Tighten the nut with a good , well-fitting spanner and followed by the recommended minimum number of turns as shown below.

Types of Tube	Minimum Number of Turns As Per Size					
	10 – 15 mm	22 mm	28 mm	35 mm	42 mm	54 mm
EN 1057 Copper Tube	1 - 1 1/4	3/4 - 1	3/4 - 1	3/4 - 1	3/4 - 1	3/4 - 1
En 10312 Stainless Steel Tube	3/4	3/4	1/2	1/2	1/2	1/2

### Notes:

1. Seal tape , jointing compounds or sealants are not necessary with compression fittings ; the use of these materials could impair the efficiency of the joint .
2. Over-tightening will not produce a better joint and may lead to problems in service.



### Additional Technique to Strengthen a Joint

#### - Groove Method

Groove method is now accepted as the most effective method of connection . If can be applied to copper tube ( EN1057 ) or stainless steel tube ( EN10312 ) especially for tube sizes above 28mm. With the groove method , joints are strengthened and can withstand greater pressure . All that is needed is a normal cutter with a blunt blade and perform the following steps :



1. Repeat step 1 and 2 .

2. Remove the nut , hold the ring and tube with on hand and remove the body of fitting .

3. Mark the position of the ring on the side nearest to the cut end of the tube .



4. Position a tube cutter with the blade edge on the marked position ( use only a blunt blade ) and cut a circular groove around the tube .

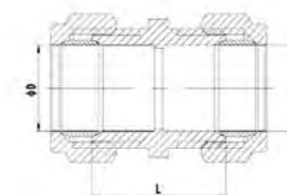
5. Roll a string seal tape over the groove for several rounds. Normal seal tape can be twirled into a string tape.



6. Insert the body of the fitting back to the tube end and tighten the nut to the body with hand as far as possible .

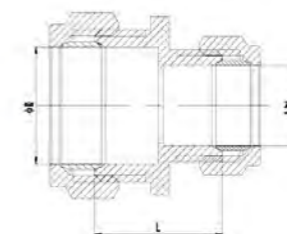
7. Tighten the nut with a spanner as usual .

#### HS100-001 Equal Straight / 等径直通 C x C



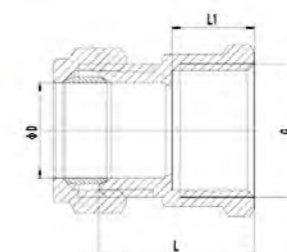
SIZE	D	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
8 x 8	8	19.5	25	550	49500
10 x 10	10	21.5	25	450	40500
12 x 12	12	22.5	10	300	27000
14 x 14	14	22.5	10	240	21600
15 x 15	15	22.5	10	240	21600
16 x 16	16	22.5	10	160	14400
18 x 18	18	23.5	10	160	14400
22 x 22	22	24	10	140	12600
28 x 28	28	28	10	70	6300
35 x 35	35	31.5	5	45	4050
42 x 42	42	32.5	5	35	3150
54 x 54	54	36	5	15	1350
15 x 15 x 82mm	15	82	10	110	9900
22 x 22 x 82mm	22	82	5	60	5400

#### HS100-002 Reducing Straight/ 异径直通 C x C



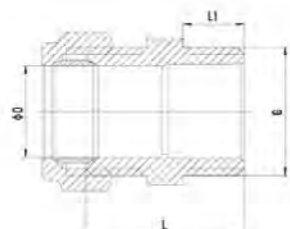
SIZE	D	D1	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
10 x 8	10	8	20	25	600	54000
12 x 8	12	8	22	25	550	49500
12 x 10	12	10	22	25	350	31500
15 x 8	15	8	21	10	270	24300
15 x 10	15	10	22	10	250	22500
15 x 12	15	12	22.5	10	220	19800
18 x 15	18	15	23	10	180	16200
22 x 15	22	15	23	10	150	13500
22 x 18	22	18	25	10	130	11700
28 x 15	28	15	25.5	10	120	10800
28 x 22	28	22	26	10	100	9000

#### HS100-003 Female Straight/ 内螺纹直通 C x FI



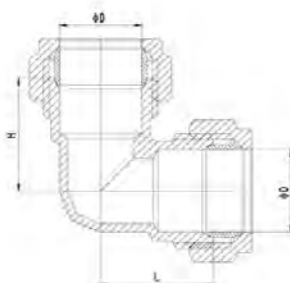
SIZE	D	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
8 x 1/4" F	8	1/4"	19	9	25	550	49500
8 x 3/8" F	8	3/8"	19	9	25	500	45000
10 x 1/4" F	10	1/4"	20	9	25	450	40500
10 x 3/8" F	10	3/8"	20	9	25	400	36000
10 x 1/2" F	10	1/2"	22.5	11.5	10	300	27000
12 x 3/8" F	12	3/8"	20	9	10	260	23400
12 x 1/2" F	12	1/2"	23	11.5	10	230	20700
14 x 3/8" F	14	3/8"	21	9	10	220	19800
14 x 1/2" F	14	1/2"	23	11.5	10	220	19800
15 x 1/4" F	15	1/4"	22.5	11	10	280	25200
15 x 3/8" F	15	3/8"	20.5	9	10	220	19800
15 x 1/2" F	15	1/2"	23	11.5	10	220	19800
15 x 3/4" F	15	3/4"	24.5	13	10	180	16200
15 x 1" F	15	1"	26	14	10	100	9000
16 x 1/2" F	16	1/2"	23	11.5	10	220	19800
16 x 3/4" F	16	3/4"	24.5	13	10	160	14400
18 x 1/2" F	18	1/2"	24	11.5	10	220	19800
18 x 3/4" F	18	3/4"	25	13	10	160	14400
22 x 1/2" F	22	1/2"	23.5	11.5	10	150	13500
22 x 3/4" F	22	3/4"	24.5	13	10	140	12600
22 x 1" F	22	1"	26.5	14	5	100	9000
28 x 3/4" F	28	3/4"	28	13	5	80	7200
28 x 1" F	28	1"	28.5	14	5	80	7200
35 x 1 1/4" F	35	1 1/4"	31.5	16	5	40	3600
42 x 1 1/2" F	42	1 1/2"	33	16	5	35	3150
54 x 2" F	54	2"	38.5	19.5	5	20	1800

**HS100-004**  
Male Straight/ 外螺纹直通 C x MI



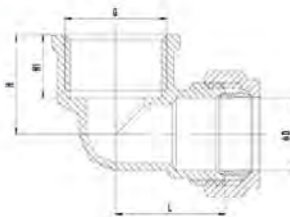
SIZE	D	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
8 x 1/8" M	8	1/8"	18.5	7	25	800	72000
8 x 1/4" M	8	1/4"	20	8.5	25	600	54000
8 x 3/8" M	8	3/8"	20.5	9	25	550	49500
8 x 1/2" M	8	1/2"	21	9.5	25	500	45000
10 x 1/4" M	10	1/4"	21	8.5	25	550	49500
10 x 3/8" M	10	3/8"	21.5	9	25	500	45000
10 x 1/2" M	10	1/2"	22	9.5	25	350	31500
12 x 3/8" M	12	3/8"	22	9	25	500	45000
12 x 1/2" M	12	1/2"	22.5	9.5	10	330	29700
14 x 3/8" M	14	3/8"	22	9	10	300	27000
14 x 1/2" M	14	1/2"	22.5	9.5	10	300	27000
14 x 3/4" M	14	3/4"	27	11	10	190	17100
15 x 1/4" M	15	1/4"	21.5	8.5	10	300	27000
15 x 3/8" M	15	3/8"	22	9	10	300	27000
15 x 1/2" M	15	1/2"	22.5	9.5	10	300	27000
15 x 3/4" M	15	3/4"	27	11	10	190	17100
16 x 1/2" M	16	1/2"	22.5	9.5	10	200	18000
16 x 3/4" M	16	3/4"	27	11	10	150	13500
18 x 1/2" M	18	1/2"	23.5	9.5	10	170	15300
18 x 3/4" M	18	3/4"	27.5	11	10	150	13500
22 x 1/2" M	22	1/2"	23.5	9.5	10	150	13500
22 x 3/4" M	22	3/4"	25.5	11	10	140	12600
22 x 1" M	22	1"	29.5	12.5	5	110	9900
22 x 1 1/4" M	22	1 1/4"	35	15	5	75	6750
28 x 3/4" M	28	3/4"	28	11	10	100	9000
28 x 1" M	28	1"	29.5	12.5	5	80	7200
35 x 1 1/4" M	35	1 1/4"	33	14.5	5	50	4500
42 x 1 1/2" M	42	1 1/2"	35	16	5	35	3150
54 x 2" M	54	2"	38	17	5	25	2250

**HS100-005**  
Equal Elbow/ 等径弯头 C x C



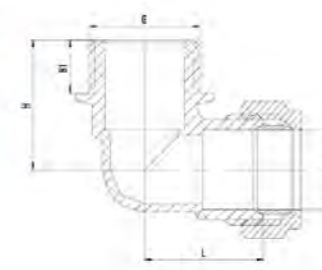
SIZE	D	D1	L	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
8 x 8	8	8	15	15	25	400	36000
10 x 10	10	10	17	17	25	350	31500
12 x 12	12	12	17.5	17.5	10	240	21600
14 x 14	14	14	20.5	20.5	10	200	18000
15 x 15	15	15	20.5	20.5	10	200	18000
16 x 16	16	16	21	21	10	160	14400
18 x 18	18	18	23.5	23.5	10	130	11700
22 x 15	22	15	25	23	10	120	10800
22 x 22	22	22	25	25	10	90	8100
28 x 22	28	22	34	26	10	70	6300
28 x 28	28	28	29.5	29.5	10	60	5400
35 x 35	35	35	35.5	35.5	5	30	2700
42 x 42	42	42	40	40	1	20	1800
54 x 54	54	54	47	47	1	10	900

**HS100-006**  
Female Elbow/ 内螺纹弯头 C x FI



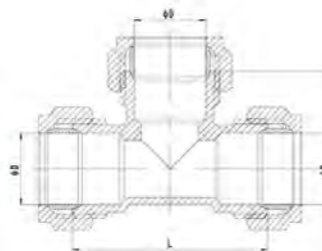
SIZE	D	G	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
8 x 1/4" F	8	1/4"	18	14	9	25	500	45000
10 x 3/8" F	10	3/8"	20	16.5	10	25	400	36000
12 x 1/2" F	12	1/2"	22	18	11.5	10	300	27000
14 x 1/2" F	14	1/2"	22.5	19	11.5	10	170	15300
15 x 1/2" F	15	1/2"	22.5	19	11.5	10	170	15300
15 x 3/4" F	15	3/4"	26	20.5	13	10	140	12600
16 x 1/2" F	16	1/2"	22.5	19	11.5	10	150	13500
18 x 1/2" F	18	1/2"	23.5	20.5	11.5	10	140	12600
18 x 3/4" F	18	3/4"	25.5	22	13	10	110	9900
22 x 1/2" F	22	1/2"	23	22.5	11.5	10	110	9900
22 x 3/4" F	22	3/4"	26.5	24	13	10	100	9000
22 x 1" F	22	1"	30	25	14	10	60	5400
28 x 1" F	28	1"	31	27.5	14	5	60	5400
35 x 1 1/4" F	35	1 1/4"	37	33	16	5	30	2700
42 x 1 1/2" F	42	1 1/2"	41.5	36.5	16	1	18	1620
54 x 2" F	54	2"	49	46	19.5	1	12	1080

**HS100-007**  
Male Elbow/ 外螺纹弯头 C x MI



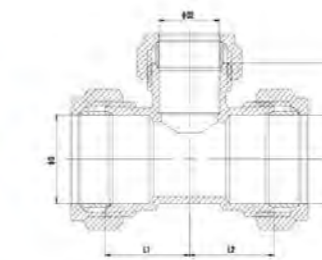
SIZE	D	G	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
8 x 1/4" M	8	1/4"	16.5	18	8.5	10	500	45000
10 x 1/4" M	10	1/4"	16.5	19	8.5	25	250	22500
10 x 3/8" M	10	3/8"	19	21	10	25	225	20250
12 x 1/2" M	12	1/2"	21	21	9.5	10	210	18900
14 x 1/2" M	14	1/2"	21	23	9.5	10	200	18000
15 x 1/4" M	15	1/4"	19	22	8.5	10	220	19800
15 x 3/8" M	15	3/8"	19	22.5	9	10	200	18000
15 x 1/2" M	15	1/2"	21	23	9.5	10	200	18000
15 x 3/4" M	15	3/4"	24	24.5	11	10	160	14400
16 x 1/2" M	16	1/2"	21	24	9.5	10	180	16200
18 x 1/2" M	18	1/2"	21	25	9.5	10	160	14400
18 x 3/4" M	18	3/4"	24	27	11	10	130	11700
22 x 1/2" M	22	1/2"	21.5	27	9.5	10	120	10800
22 x 3/4" M	22	3/4"	24.5	28.5	11	10	110	9900
22 x 1" M	22	1"	28	30	12.5	10	70	6300
28 x 1" M	28	1"	29.5	34	12.5	5	60	5400
35 x 1 1/4" M	35	1 1/4"	36.5	40.5	14.5	5	25	2250
42 x 1 1/2" M	42	1 1/2"	39	45	16	1	18	1620
54 x 2" M	54	2"	46	55	17	1	10	900

**HS100-008**  
Equal Tee/ 等径三通 C x C x C



SIZE	D	L	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
8 x 8 x 8	8	30	15	25	300	27000
10 x 10 x 10	10	34	17	25	250	22500
12 x 12 x 12	12	35	17.5	10	200	18000
14 x 14 x 14	14	41	20.5	10	120	10800
15 x 15 x 15	15	41	20.5	10	120	10800
16 x 16 x 16	16	42	21	10	100	9000
18 x 18 x 18	18	47	23.5	10	80	7200
22 x 22 x 22	22	50	25	10	60	5400
28 x 28 x 28	28	59	29.5	5	35	3150
35 x 35 x 35	35	71	35.5	5	20	1800
42 x 42 x 42	42	80	40	1	15	1350
54 x 54 x 54	54	94	47	1	7	630

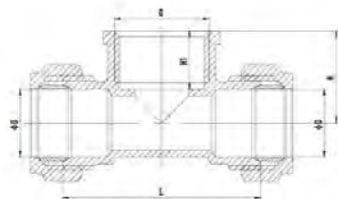
**HS100-009**  
Reducing Tee/ 异径三通 C x C x C



SIZE	D	D1	D2	L1	L2	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
15 x 15 x 22	15	15	22	23.5	23.5	21.5	10	80	7200
18 x 18 x 15	18	18	15	22	22	24	10	80	7200
18 x 15 x 18	18	15	18	24	22	24	10	80	7200
22 x 15 x 15	22	15	15	23	19.5	23	10	90	8100
22 x 15 x 22	22	15	22	25	23.5	25	10	70	6300
22 x 22 x 15	22	22	15	23	23	23.5	10	70	6300
22 x 22 x 18	22	22	18	23	23	27	10	70	6300
22 x 28 x 15	22	28	15	21	24.5	28	10	60	5400
28 x 28 x 15	28	28	15	23	23	26.5	10	40	3600
28 x 15 x 28	28	15	28	29.5	26.5	29.5	10	40	3600
28 x 22 x 22	28	22	22	28.5	26.5	29	10	50	4500
28 x 28 x 22	28	28	22	26	26	29	10	30	2700
28 x 22 x 28	28	22	28	29.5	27	29.5	10	30	2700
35 x 35 x 15	35	35	15	26	26	34	5	30	2700
35 x 35 x 22	35	35	22	31	31	34	5	25	2250
35 x 35 x 28	35	35	28	31	31	34	5	25	2250
42 x 42 x 15	42	42	15	28	28	38.5	1	27	2430
42 x 42 x 22	42	42	22	28	28	38.5	1	27	2430
42 x 42 x 28	42	42	28	35	35	40	1	18	1620
42 x 42 x 35	42	42	35	35	35	40	1	18	1620
54 x 54 x 15	54	54	15	35.5	35.5	46	1	13	1170
54 x 54 x 22	54	54	22	35.5	35.5	46	1	13	1170
54 x 54 x 28	54	54	28	35.5	35.5	46	1	13	1170
54 x 54 x 35	54	54	35	42	42	46.5	1	11	990
54 x 54 x 42	54	54	42	42	42	46.5	1	11	990

### HS100-010

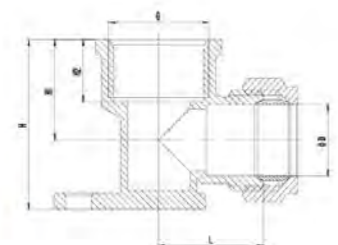
Female Tee/ 内螺纹三通 C x C x FI



SIZE	D	G	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
12x12x1/2F	12	1/2"	45	18	11.5	10	150	13500
14x14x1/2F	14	1/2"	45	19	11.5	10	120	10800
15x15x1/2F	15	1/2"	45	19	11.5	10	120	10800
16x16x1/2F	16	1/2"	45	19	11.5	10	120	10800
18x18x1/2F	18	1/2"	47	20.5	11.5	10	100	9000
18x18x3/4F	18	3/4"	52	26	13	10	80	7200
22x22x1/2F	22	1/2"	46	22.5	11.5	10	80	7200
22x22x3/4F	22	3/4"	53	24	13	10	60	5400
28x28x1/2F	28	1/2"	52	24	11.5	5	40	3600
28x28x3/4F	28	3/4"	55	26.5	13	5	40	3600
28x28x1F	28	1"	62	27.5	14	5	35	3150

### HS100-011

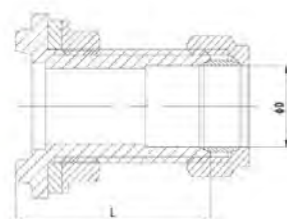
Wallplate Elbow/ 内螺纹墙体阀 C x FI



SIZE	D	G	L	H	H1	H2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
12x1/2F	12	1/2"	22.5	30	18	11.5	10	120	10800
14x1/2F	14	1/2"	22.5	33	19	11.5	10	120	10800
15x1/2F	15	1/2"	22.5	33	19	11.5	10	100	9000
16x1/2F	16	1/2"	22.5	34	19	11.5	10	100	9000
18x1/2F	18	1/2"	23.5	41	24	15	10	100	9000
18x3/4F	18	3/4"	28	43	26	16.5	10	70	6300
22x1/2F	22	1/2"	29	50	30.5	15	10	60	5400
22x3/4F	22	3/4"	26.5	42	24	13	10	50	4500

### HS100-012

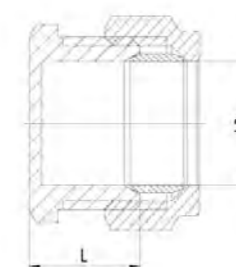
Water Tank Connector/ 水箱



SIZE	D	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
15	15	36	10	150	13500
22	22	37	10	100	9000
28	28	37	10	60	5400
35	35	42	5	40	3600
42	42	44	5	30	2700
54	54	45	5	20	1800

### HS100-013

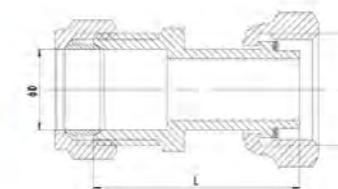
Stop End/ 堵头



SIZE	D	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
8	8	11	50	750	67500
10	10	12	50	700	63000
12	12	12.5	25	650	58500
15	15	12.5	10	400	36000
18	18	13.5	10	350	31500
22	22	13.5	10	230	20700
28	28	15.5	10	130	11700
35	35	18	5	60	5400
42	42	19	5	45	4050
54	54	20	5	35	3150

### HS100-014

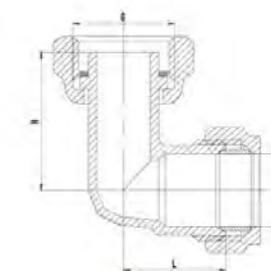
Str Tap Connector/ 滑动直通 C x FI



SIZE	D	G	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
15x1/2F	15	1/2"	32.5	10	180	16200
15x3/4F	15	3/4"	34.5	10	140	12600
22x3/4F	22	3/4"	36	10	100	9000

### HS100-015

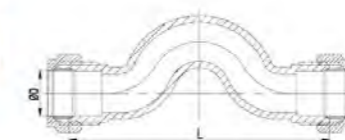
Bent Tap Connector/ 滑动弯头 C x FI



SIZE	D	G	L	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
15x1/2F	15	1/2"	21	27.5	10	200	18000
22x3/4F	22	3/4"	34	22	5	100	9000

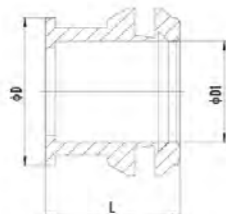
### HS100-016

Crossover Bridge/ 天桥式直通 C x C



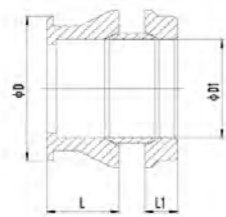
SIZE	D	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
15	15	87	10	100	9000
18	18	101.5	10	60	5400
22	22	121	5	40	3600

**HS100-017**  
Reduced Piece/ 缩口器 C x C



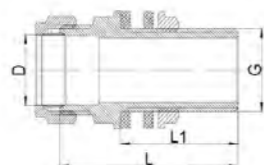
SIZE	D	D1	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
15x8	15	8	18.5	25	1000	90000
15x10	15	10	18.5	25	1000	90000
22x15	22	15	18.5	25	450	40500
28x15	28	15	20.5	10	210	18900
28x22	28	22	20.5	10	210	18900
35x22	35	22	21	10	170	15300
35x28	35	28	21	10	170	15300

**HS100-018**  
3 Part Reduced Set/ 三件套 C x C



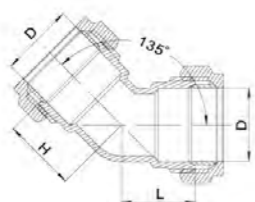
SIZE	D	D1	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
10x8	10	8	10	4	50	1400	126000
12x8	12	8	10	4	50	1200	108000
15x8	15	8	10	4	25	1000	90000
15x10	15	10	10	4	25	1000	90000
15x12	15	12	10	4	25	1000	90000
22x15	22	15	10	4	25	700	63000
28x15	28	15	13	5	10	250	22500
28x22	28	22	13	5	10	250	22500
35x15	35	15	13	5.5	5	130	11700
35x22	35	22	13	5.5	5	130	11700
35x28	35	28	13	5.5	5	130	11700
42x15	42	15	14	6	5	100	9000
42x22	42	22	14	6	5	100	9000
42x28	42	28	14	6	5	100	9000
42x35	42	35	14	6	5	100	9000
54x22	54	22	16	6.5	5	60	5400
54x28	54	28	16	6.5	5	60	5400
54x35	54	35	16	6.5	5	60	5400
54x42	54	42	16	6.5	5	60	5400

**HS100-019**  
Water Tank Connector/ 外螺纹水箱 C x MI



SIZE	D	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
15x1/2"	15	1/2"	56	37.5	10	100	9000
22x3/4"	22	3/4"	57	37.5	10	60	5400
28x1"	28	1"	61	40	10	40	3600
35x1 1/4"	35	1 1/4"	69.5	43	5	25	2250
42x1 1/2"	42	1 1/2"	77	47	1	24	2160
54x2"	54	2"	82	50	1	12	1080

**HS100-020**  
45 Degree Elbow / 45° 等径弯头



SIZE	D	L	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
15x45°	15	18	18	10	200	18000
22x45°	22	22	22	10	90	8100
28x45°	28	26	26	10	60	5400

**HS110 SERIES**



**Technical Points:**

- 1.Body in brass by hot forging.
- 2.Manufactured according to EN1254-1.
- 3.Designed for use with copper tube.
- 4.Fastening threads according to ISO 228/1.

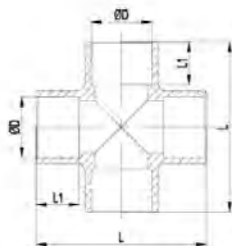
**技术要点:**

1. 本体黄铜锻造
2. 生产标准: EN1254-1
3. 配紫铜管
4. 外配螺纹标准: ISO228/1



### HS110-007

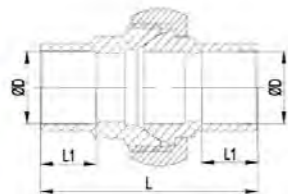
Cross/ 等径四通 C × C × C



SIZE	D	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
15	15	42	10.6	10	200	18000
18	18	47	12.6	10	130	11700
22	22	57	15.5	10	80	7200
28	28	69	18.4	5	40	3600
35	35	86	23	5	20	1800

### HS110-008

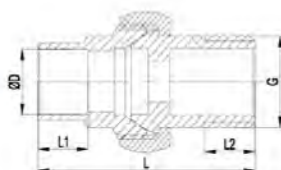
Straight Union with Metal Sealed (CC) / 等径连接直通 C × C



SIZE	D	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
15×15	15	45	11.5	10	200	18000
16×16	16	45	11.5	10	180	16200
18×18	18	53	12.6	10	110	9900
22×22	22	63	15.5	10	70	6300
28×28	28	64.5	18.4	5	55	4950
35×35	35	81.5	23	5	35	3150

### HS110-009

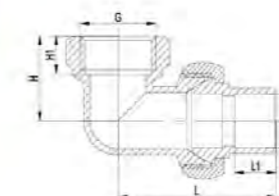
Straight Union with Metal Sealed (CM)  
外螺纹连接直通 C × MI



SIZE	D	G	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
12×3/8"M	12	3/8"	45	11	10.5	25	250	22500
12×1/2"M	12	1/2"	50	11	11.5	10	190	17100
14×3/8"M	14	3/8"	45	11	10.5	25	250	22500
14×1/2"M	14	1/2"	50	11	11.5	10	170	15300
14×3/4"M	14	3/4"	55	11	13.5	10	100	9000
15×1/2"M	15	1/2"	50	11.5	11.5	10	170	15300
15×3/4"M	15	3/4"	56	11.5	13.5	10	100	9000
16×1/2"M	16	1/2"	50	11.5	11.5	10	160	14400
16×3/4"M	16	3/4"	56	11.5	13.5	10	100	9000
18×1/2"M	18	1/2"	52	12.6	11.5	10	150	13500
18×3/4"M	18	3/4"	57.5	12.6	13.5	10	100	9000
22×3/4"M	22	3/4"	63	15.5	13.5	10	80	7200
22×1"M	22	1"	68.5	15.5	16	10	60	5400
28×3/4"M	28	3/4"	66	18.5	13.5	10	60	5400
28×1"M	28	1"	69.5	18.4	16	5	50	4500
28×11/4"M	28	1 1/4"	72	18.5	16	5	50	4500
32×1"M	32	1"	69	23	16	5	50	4500
35×11/4"M	35	1 1/4"	84	23	16	5	30	2700
40×11/4"M	40	1 1/4"	81	27	16	5	25	2250
40×11/2"M	40	1 1/2"	86	27	19	5	20	1800
42×11/2"M	42	1 1/2"	86	27	19	5	20	1800
52×2"M	52	2"	110	32	20	1	20	900
54×2"M	54	2"	110	32	20	1	20	900

### HS110-010

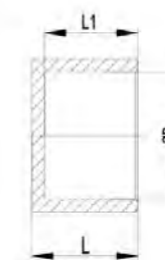
Angle Union with Metal Sealed (CF) / 内螺纹连接弯头 C × FI



SIZE	D	G	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
14×1/2"F	14	1/2"	44	11	23.5	10.5	10	130	11700
15×1/2"F	15	1/2"	46	11.5	23.5	10.5	10	130	11700
16×3/4"F	16	3/4"	48	11.5	27	12	10	80	7200
18×3/4"F	18	3/4"	53	12.6	27	12	10	80	7200
22×3/4"F	22	3/4"	53	15.5	27	12	10	70	6300
22×1"F	22	1"	63	15.5	38	13.5	10	40	3600
28×1"F	28	1"	64.5	18.4	38	13.5	5	40	3600
35×11/4"F	35	1 1/4"	77.5	23	39.5	15.5	5	20	1800

### HS110-011

Cap/ 平底帽



SIZE	D	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
12	12	10.3	8.6	25	1250	112500
14	14	12.3	10.6	25	1050	94500
15	15	12.3	10.6	25	1000	90000
18	18	14.5	12.6	10	650	58500
22	22	17.3	15.4	10	420	37800
28	28	20.5	18.4	5	200	18000

### HS110-012

Straight Tap Connector / 紫铜滑动直通 (平底) C × FI



SIZE	D	G	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
10×3/8"F	10	3/8"	7.8	25	500	45000
12×3/8"F	12	3/8"	8.6	25	500	45000
12×1/2"F	12	1/2"	8.6	25	400	36000
14×3/8"F	14	3/8"	10.6	25	500	45000
14×1/2"F	14	1/2"	10.6	25	350	31500
14×3/4"F	14	3/4"	10.6	25	200	18000
15×1/2"F	15	1/2"	10.6	25	350	31500
15×3/4"F	15	3/4"	10.6	25	200	18000
16×1/2"F	16	1/2"	10.6	25	400	36000
16×3/4"F	16	3/4"	10.6	25	200	18000
18×1/2"F	18	1/2"	12.6	25	300	27000
18×3/4"F	18	3/4"	12.6	25	200	18000
18×1"F	18	1"	12.6	10	150	13500
22×1/2"F	22	1/2"	15.4	25	250	22500
22×3/4"F	22	3/4"	15.4	25	150	13500
22×1"F	22	1"	15.4	10	150	13500
28×1"F	28	1"	18.4	10	100	9000
32×1 1/4" F	32	1 1/4"	23	10	50	4500
40×1 1/4" F	40	1 1/2"	27	5	30	2700

### HS110-013

Straight Tap Connector With Hole  
紫铜滑动直通（不平底带锁孔）C×FI



SIZE	D	G	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
12×1/2"F	12	1/2"	8.6	25	400	36000
14×1/2"F	14	1/2"	10.6	25	350	31500
15×1/2"F	15	1/2"	10.6	25	350	31500
15×3/4"F	15	3/4"	10.6	25	200	18000
18×1/2"F	18	1/2"	12.6	25	300	27000
18×3/4"F	18	3/4"	12.6	25	200	18000
18×1"F	18	1"	12.6	10	150	13500
22×1/2"F	22	1/2"	15.4	25	250	22500
22×3/4"F	22	3/4"	15.4	25	150	13500
22×1"F	22	1"	15.4	10	150	13500
28×1"F	28	1"	18.4	10	100	9000

### HS110-014

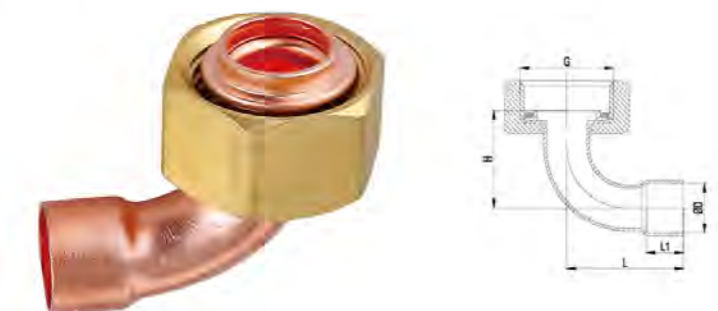
Bend Tap Connector/ 紫铜滑动弯头（平底）C×FI



SIZE	D	G	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
12×3/8"F	12	3/8"	8.6	25	350	31500
12×1/2"F	12	1/2"	8.6	25	300	27000
14×3/8"F	14	3/8"	10.6	25	350	31500
14×1/2"F	14	1/2"	10.6	25	250	22500
14×3/4"F	14	3/4"	10.6	25	200	18000
15×1/2"F	15	1/2"	10.6	25	200	18000
15×3/4"F	15	3/4"	10.6	25	150	13500
16×1/2"F	16	1/2"	10.6	25	200	18000
16×3/4"F	16	3/4"	10.6	25	150	13500
18×1/2"F	18	1/2"	12.6	25	200	18000
18×3/4"F	18	3/4"	12.6	25	150	13500
18×1"F	18	1"	12.6	10	100	9000
22×1/2"F	22	1/2"	15.4	25	150	13500
22×3/4"F	22	3/4"	15.4	25	100	9000
22×1"F	22	1"	15.4	10	80	7200
28×1"F	28	1"	18.4	10	70	6300

### HS110-015

Bend Tap Connector/ 紫铜滑动弯头（不平底）C×FI



SIZE	D	G	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
12×1/2"F	12	1/2"	8.6	25	300	27000
14×1/2"F	14	1/2"	10.6	25	250	22500
15×1/2"F	15	1/2"	10.6	25	200	18000
15×3/4"F	15	3/4"	10.6	25	150	13500
18×1/2"F	18	1/2"	12.6	25	200	18000
18×3/4"F	18	3/4"	12.6	25	150	13500
18×1"F	18	1"	12.6	10	100	9000
22×1/2"F	22	1/2"	15.4	25	150	13500
22×3/4"F	22	3/4"	15.4	25	100	9000
22×1"F	22	1"	15.4	10	80	7200

### HS110-016

Straight Union with Metal Sealed (CF)  
内螺纹连接直通 C×FI



SIZE	D	G	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
12×3/8"	12	3/8"	30	11	9	25	300	27000
12×1/2"	12	1/2"	37.5	11	10.5	10	200	18000
14×3/8"	14	3/8"	30	11	9	25	275	24750
14×1/2"	14	1/2"	39.5	11	10.5	10	190	17100
14×3/4"	14	3/4"	41	11	14	10	130	11700
15×1/2"	15	1/2"	40	11.5	10.5	10	190	17100
15×3/4"	15	3/4"	41	11.5	14	10	130	11700
16×1/2"	16	1/2"	40	11.5	10.5	10	190	17100
16×3/4"	16	3/4"	40	11.5	14	10	130	11700
18×1/2"	18	1/2"	40	12.6	10.5	10	170	15300
18×3/4"	18	3/4"	46	12.6	14	10	110	9900
22×3/4"	22	3/4"	46	15.5	14	10	100	9000
22×1"	22	1"	51	15.5	16	10	70	6300
28×1"	28	1"	53	18.5	16	5	60	5400
28×1 1/4"	28	1 1/4"	55	18.5	19	5	40	3600
32×1"	32	1"	54	23	16	5	50	4500
32×1 1/4"	32	1 1/4"	63	23	19	5	40	3600
35×1 1/4"	35	1 1/4"	63	23	19	5	35	3150
40×1 1/2"	40	1 1/2"	61	27	19	5	25	2250
42×1 1/2"	42	1 1/2"	61	27	19	5	25	2250
54×2"	54	2"	80	32	20	1	28	1260

### HS110-017

Angle Union with Metal Sealed (CM) / 外螺纹连接弯头 C×MI



SIZE	D	G	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
14×1/2"	14	1/2"	49	11.5	20.5	10.6	10	140	12600
16×1/2"	16	1/2"	49	11.5	20.5	11.5	10	140	12600
16×3/4"	16	3/4"	55	13.5	24	11.5	10	80	7200
18×3/4"	18	3/4"	55	13.5	26	13	10	80	7200
22×3/4"	22	3/4"	55	13.5	29	15.5	10	70	6300
28×1"	28	1"	65	16	34	18.5	5	40	3600

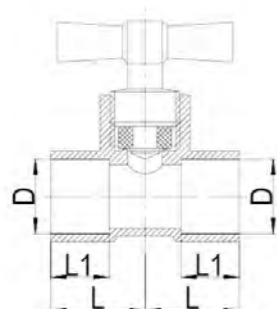
### HS110-018

Straight Union/ 内螺纹直通 C×FI（两体式）



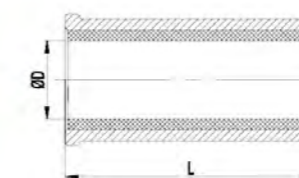
SIZE	D	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
10×3/8"	10	3/8"	11	10.5	10	600	54000
12×3/8"	12	3/8"	11	10.5	10	550	49500
10×1/2"	10	1/2"	12.5	10.5	10	440	39600
12×1/2"	12	1/2"	12.5	10.5	10	440	39600
14×1/2"	14	1/2"	12.5	11.5	10	350	31500
14×3/4"	14	3/4"	13	11.5	10	300	27000
16×3/4"	16	3/4"	13	11.5	10	280	25200
18×3/4"	18	3/4"	13	12.5	10	260	23400
22×1"	22	1"	15	16	5	130	11700

**HS110-019**  
截止直通



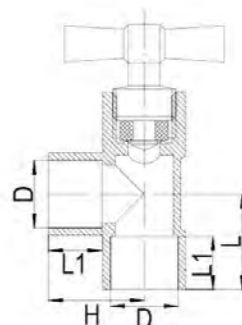
SIZE	D	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
12x12	12	17.8	11	10	240	21600
14x14	14	17.8	11	10	220	19800
16x16	16	22	13	10	170	15300
18x18	18	22	13	10	140	12600

**HS120-001**  
Equal Straight/ 直通



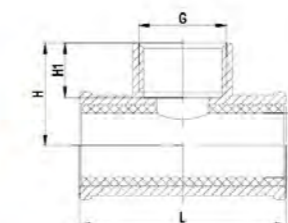
SIZE	D	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
10	10	44.5	10	150	13500
12	12	45	10	140	12600
15	15	49.5	10	90	8100
18	18	50	10	80	7200
22	22	59.5	10	50	4500
28	28	69.5	5	40	3600
35	35	70	5	25	2250
42	42	80	5	15	1350
54	54	100	5	10	900

**HS110-020**  
截止弯头



SIZE	D	L	L1	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
12x12	12	17.8	11	19	10	240	21600
14x14	14	17.8	11	19	10	220	19800
16x16	16	22	13	24	10	170	15300
18x18	18	22	13	24	10	140	12600

**HS120-002**  
Female Tee/ 内螺纹三通



SIZE	D	G	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
15 x 1/2"F	15	1/2"	49.5	24.5	13	10	80	7200
18 x 1/2"F	18	1/2"	50	26	13	10	70	6300
22 x 1/2"F	22	1/2"	59.5	23.5	13	10	50	4500
28 x 3/4"F	28	3/4"	69.5	30	15	5	30	2700
35 x 3/4"F	35	3/4"	70	32.5	15	5	25	2250
42 x 1"F	42	1"	80	43.5	17	5	15	1350
54 x 1 1/4"F	54	1 1/4"	100	49.5	19	5	10	900





### **HS130**

Brass Compression Fittings For PE Pipe(Heavy Type)  
配 PE 管，以卡套连接为端口的管件（重型）



### **HS140**

Brass Compression Fittings For PE Pipe(Light Type)  
配 PE 管，以卡套连接为端口的管件（轻型）



### **HS150**

Brass Compression Fittings For PE Pipe(Heavy Type)  
配 PE 管，以卡套连接为端口的管件



### **HS160**

Brass Compression Fittings For PE Pipe(75-110mm)  
配 PE 管，以卡套连接为端口的管件（大规格）



### **HS170**

Brass Compression Fittings For Seamless Steel Tube  
配无缝钢管，以卡套连接为端口的管件

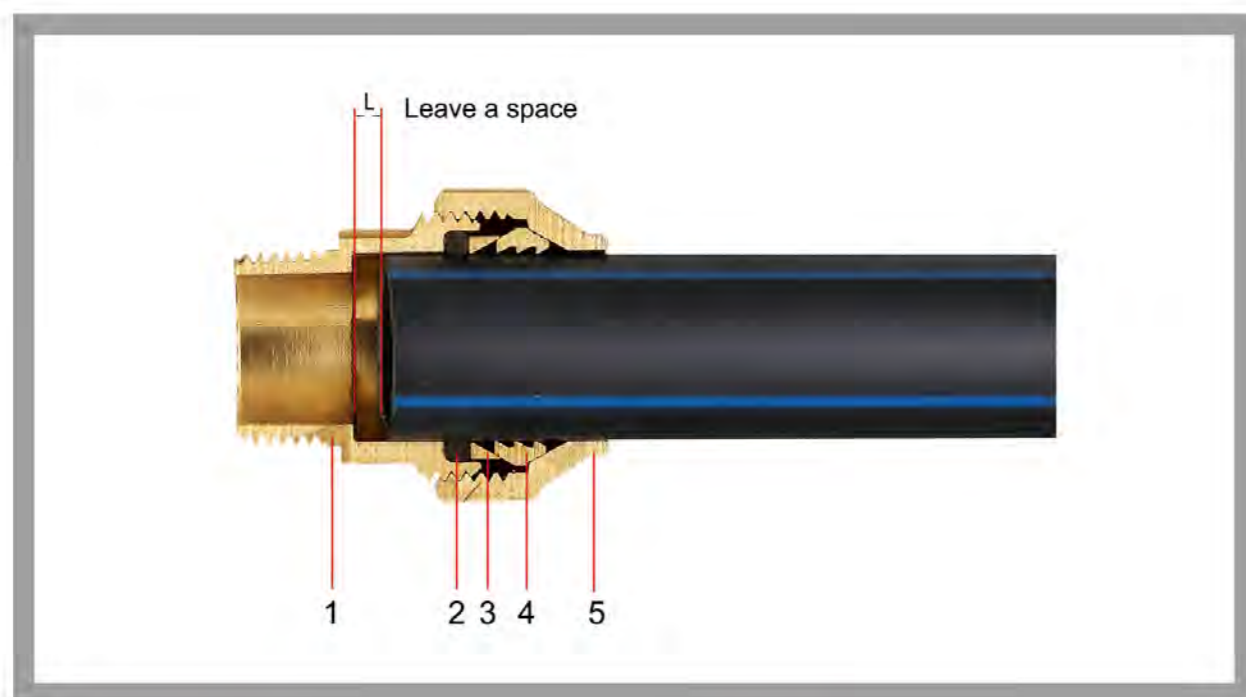


### **HS180**

Brass Irrigation Fittings For PE Pipe  
配 PE 管，花园接头



## HS130 SERIES



### Technical Points:

- 1.Body:Brass by hot forging
- 2.O-ring:NBR
- 3.Washer:Brass
- 4.Lock ring:Brass
- 5.Nut:Brass by hot forging
- 6.Working pressure:1.6MPa
- 7.Working temperature:-10°C ≤ t ≤ 80°C

### 技术要点:

1. 本体: 黄铜锻造
2. O 型圈: NBR
3. 平垫圈: 黄铜
4. 开口卡圈: 黄铜
5. 螺帽: 黄铜锻造
6. 工作压力: 1.6MPa
7. 工作温度: -10°C ≤ t ≤ 80°C

### Assembling Instructions

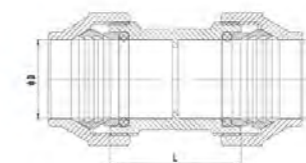
- 1.Cut the pipe perpendicular to its using appropriate tools,remove any trimming carefully
- 2.Fit the nut on the pipe
- 3.Fit the lock ring on the pipe
- 4.Fit the brass washer on the pipe
- 5.Fit the o-ring on the pipe
- 6.Fit the pipe on the body up to the mechanical stop
- 7.Tighten the nut by hand till it is possible then using the tool tighten the nut

### 组装说明:

1. 用合适的工具割断 PE 管, 去除所有毛刺。
2. 将螺帽套在 PE 管上。
3. 开口卡圈套在 PE 管上。
4. 将平垫圈套在 PE 管上。
5. 将 O 型圈套在 PE 管上。
6. 将 PE 管插入本体。
7. 用手拧紧螺帽, 直到手拧不动为止, 再用工具拧紧螺帽。

### HS130-001

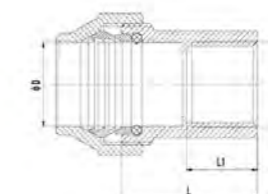
Equal Straight/ 等径直通 C × C



SIZE	D	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20×20	20.7	34.5	10	80	7200
25×25	25.8	40	10	50	4500
32×32	33	48	5	30	2700
40×40	41.5	55.5	2	20	1800
50×50	51	64	1	13	1170
63×63	64	72	1	14	630

### HS130-002

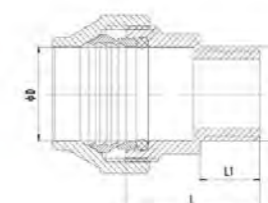
Female Straight/ 内螺纹直通 C × FI



SIZE	D	Rp	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20×1/2"F	20.7	1/2"	33.5	17.5	10	120	10800
25×3/4"F	25.8	3/4"	37.5	19	10	70	6300
32×1"F	33	1"	45	22	5	45	4050
40×1 1/4"F	41.5	1 1/4"	53	25	2	30	2700
50×1 1/2"F	51	1 1/2"	57	25	1	20	1800
63×2"F	64	2"	67.5	29	1	25	1125

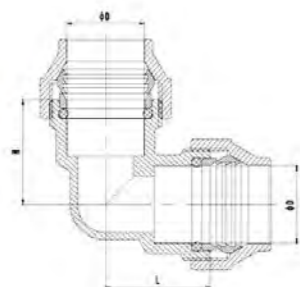
### HS130-003

Male Straight/ 外螺纹直通 C × MI



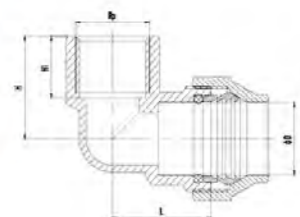
SIZE	D	R	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20×1/2"M	20.7	1/2"	29.7	13.2	10	140	12600
25×3/4"M	25.8	3/4"	33.5	14.5	10	90	8100
32×1"M	33	1"	41	16.8	5	50	4500
40×1 1/4"M	41.5	1 1/4"	51.5	22	2	36	3240
50×1 1/2"M	51	1 1/2"	56	22	1	18	1620
63×2"M	64	2"	66.5	26.5	1	22	990

**HS130-004**  
Equal Elbow/ 等径弯头 C x C



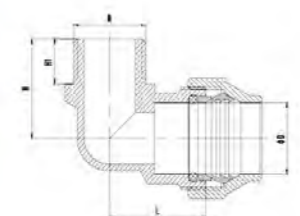
SIZE	D	L	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x20	20.7	28	28	10	70	6300
25x25	25.8	34	34	10	40	3600
32x32	33	39	39	5	25	2250
40x40	41.5	49	49	2	14	1260
50x50	51	57	57	1	9	810
63x63	64	69	69	1	10	450

**HS130-005**  
Female Elbow/ 内螺纹弯头 C x FI



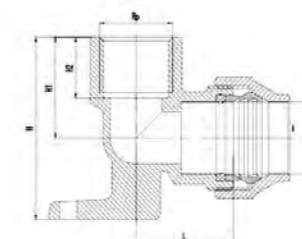
SIZE	D	Rp	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x1/2"F	20.7	1/2"	28	29	17.5	10	90	8100
25x3/4"F	25.8	3/4"	34	36.5	19	10	50	4500
32x1"F	33	1"	39	42	22	5	35	3150
40x1 1/4"F	41.5	1 1/4"	49	48	25	2	24	2160
50x1 1/2"F	51	1 1/2"	57	51.5	25	1	13	1170
63x2"F	64	2"	69	60.5	29	1	14	630

**HS130-006**  
Male Elbow/ 外螺纹弯头 C x MI



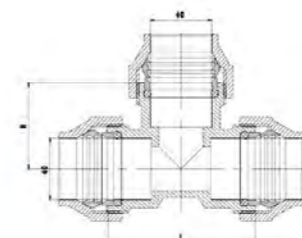
SIZE	D	R	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x1/2"M	20.7	1/2"	28	29	13.2	10	90	8100
25x3/4"M	25.8	3/4"	34	32.5	14.5	10	60	5400
32x1"M	33	1"	39	38	16.8	5	40	3600
40x1 1/4"M	41.5	1 1/4"	49	48.5	22	2	22	1980
50x1 1/2"M	51	1 1/2"	57	53	22	1	13	1170
63x2"M	64	2"	69	67	26.5	1	15	675

**HS130-007**  
Wallplate Elbow/ 内螺纹墙体阀 C x FI



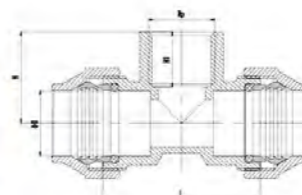
SIZE	D	Rp	L	H	H1	H2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x1/2"F	20.7	1/2"	28	52.5	29	17.5	10	60	5400
25x3/4"F	25.8	3/4"	34	64.5	36.5	19	10	40	3600
32x1"F	33	1"	39	73	42	22	5	25	2250

**HS130-008**  
Equal Tee/ 等径三通 C x C x C



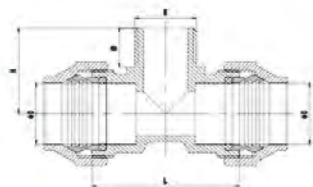
SIZE	D	L	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x20x20	20.7	50	29	10	40	3600
25x25x25	25.8	58	34	10	30	2700
32x32x32	33	75	40	5	15	1350
40x40x40	41.5	92	50.5	2	10	900
50x50x50	51	109	61	1	6	540
63x63x63	64	132	72	1	7	315

**HS130-009**  
Female Tee/ 内螺纹三通 C x C x FI



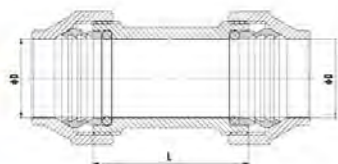
SIZE	D	Rp	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x1/2"F	20.7	1/2"	50	29	17.5	10	60	5400
25x3/4"F	25.8	3/4"	59	35	19	10	30	2700
32x1"F	33	1"	75	42	22	5	20	1800
40x1 1/4"F	41.5	1 1/4"	92	48	25	2	10	900
50x1 1/2"F	51	1 1/2"	109	56	25	1	7	630
63x2"F	64	2"	132	66	29	1	9	405

**HS130-010**  
Male Tee/ 外螺纹三通 C×C×MI



SIZE	D	R	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20×1/2"M	20.7	1/2"	48	29	13.2	10	60	5400
25×3/4"M	25.8	3/4"	55.5	32.5	14.5	10	30	2700
32×1"M	33	1"	75	40.5	16.8	5	20	1800
40×1 1/4"M	41.5	1 1/4"	92	50	22	2	10	900
50×1 1/2"M	51	1 1/2"	109	55	22	1	7	630
63×2"M	64	2"	132	67	26.5	1	9	405

**HS130-011**  
Equal Straight/ 补漏直通



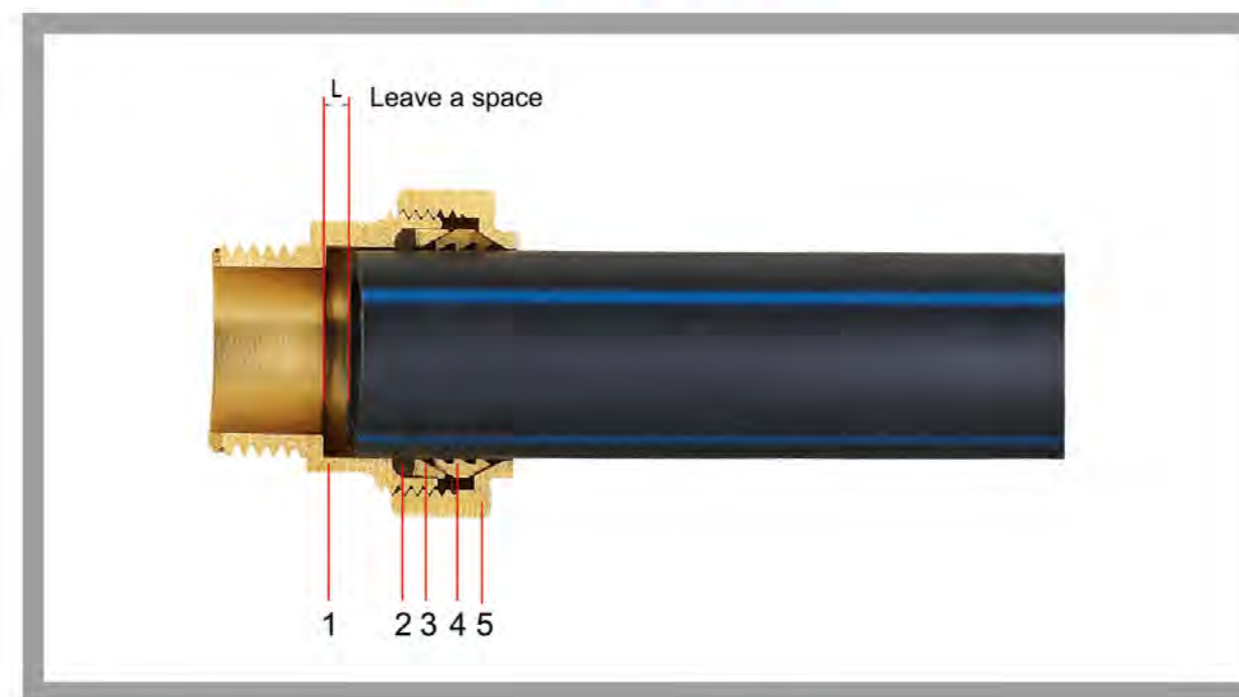
SIZE	D	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20 x 20	20.7	95	10	40	3600
25 x 25	25.8	95	10	30	2700
32 x 32	33	97.5	1	18	1620
40 x 40	41.5	109	1	10	900
50 x 50	51	116	1	5	450
63 x 63	64	124	1	3	135

**HS130-012**  
Internal Pressure Cone/ 管撑



SIZE	D	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20	15.4	22	10	250	22500
25	20.4	25.5	10	150	13500
32	25.8	31.5	10	100	9000
40	32.6	39	10	50	4500
50	40.3	45	10	40	3600
63	50.7	53	1	36	3240

**HS140 SERIES**



**Technical Points:**

- 1.Body:Brass by hot forging
- 2.O-ring:NBR
- 3.Washer:Brass
- 4.Lock ring:Brass
- 5.Nut:Brass by hot forging
- 6.Working pressure:1.6MPa
- 7.Working temperature:-10℃≤ t ≤ 80℃

**技术要点:**

1. 本体: 黄铜锻造
2. O型圈: NBR
3. 平垫圈: 黄铜
4. 开口卡圈: 黄铜
5. 螺帽: 黄铜锻造
6. 工作压力: 1.6MPa
7. 工作温度: -10℃≤ t ≤ 80℃

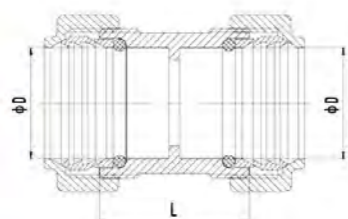
**Assembling Instructions**

1. Cut the pipe perpendicular to its using appropriate tools,remove any trimming carefully
2. Fit the nut on the pipe
3. Fit the lock ring on the pipe
4. Fit the brass washer on the pipe
5. Fit the o-ring on the pipe
6. Fit the pipe on the body up to the mechanical stop
7. Tighten the nut by hand till it is possible then using the tool tighten the nut

**组装说明:**

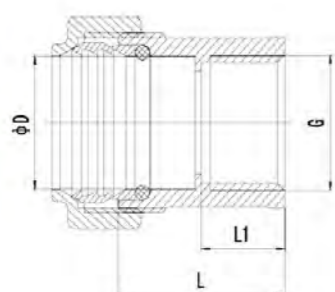
1. 用合适的工具割断 PE 管, 去除所有毛刺。
2. 将螺帽套在 PE 管上。
3. 开口卡圈套在 PE 管上。
4. 将平垫圈套在 PE 管上。
5. 将 O 型圈套在 PE 管上。
6. 将 PE 管插入本体。
7. 用手拧紧螺帽, 直到手拧不动为止, 再用工具拧紧螺帽。

**HS140-001**  
Equal Straight/ 等径直通 C × C



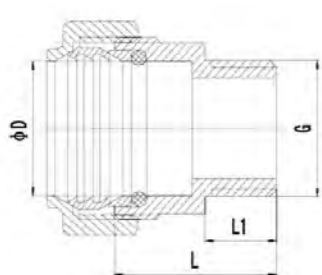
SIZE	D	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20×20	20.7	28	10	80	7200
25×25	25.8	30	10	50	4500
32×32	33	38.5	5	30	2700
40×40	41.5	46.5	2	20	1800
50×50	51	58	1	13	1170
63×63	64	68	1	14	630

**HS140-002**  
Female Straight/ 内螺纹直通 C × FI



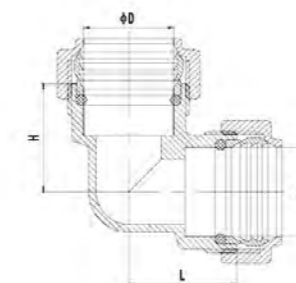
SIZE	D	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20×1/2"F	20.7	1/2"	26	13	10	120	10800
25×3/4"F	25.8	3/4"	29	14	10	70	6300
32×1"F	33	1"	35	15	5	45	4050
40×1 1/4"F	41.5	1 1/4"	40	16	2	30	2700
50×1 1/2"F	51	1 1/2"	46	17	1	20	1800
63×2"F	64	2"	55.5	20	1	25	1125

**HS140-003**  
Male Straight/ 外螺纹直通 C × MI



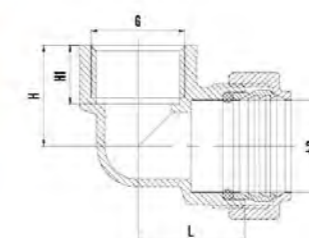
SIZE	D	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20×1/2"M	20.7	1/2"	25	11	10	140	12600
25×3/4"M	25.8	3/4"	28	12	10	90	8100
32×1"M	33	1"	34.5	14	5	50	4500
40×1 1/4"M	41.5	1 1/4"	40	15	2	36	3240
50×1 1/2"M	51	1 1/2"	47	16	1	18	1620
63×2"M	64	2"	55.5	18.5	1	22	990

**HS140-004**  
Equal Elbow/ 等径弯头 C × C



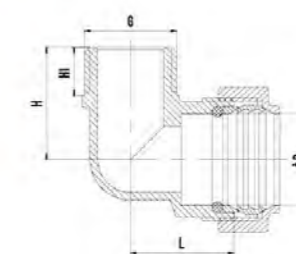
SIZE	D	L	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20×20	20.7	25	25	10	70	6300
25×25	25.8	30	30	10	40	3600
32×32	33	38	38	5	25	2250
40×40	41.5	45	45	2	14	1260
50×50	51	54.5	54.5	1	9	810
63×63	64	67	67	1	10	450

**HS140-005**  
Female Elbow/ 内螺纹弯头 C × FI



SIZE	D	G	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20×1/2"F	20.7	1/2"	24	22.5	13	10	90	8100
25×3/4"F	25.8	3/4"	29	26	14	10	50	4500
32×1"F	33	1"	35	33.5	15	5	35	3150
40×1 1/4"F	41.5	1 1/4"	43	38.5	16	2	24	2160
50×1 1/2"F	51	1 1/2"	49	44.5	17	1	13	1170
63×2"F	64	2"	62	55	20	1	14	630

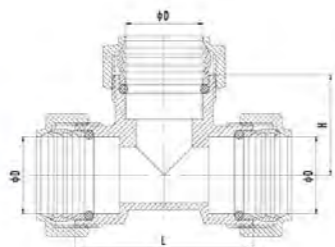
**HS140-006**  
Male Elbow/ 外螺纹弯头 C × MI



SIZE	D	G	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20×1/2"M	20.7	1/2"	23.5	25.5	11	10	90	8100
25×3/4"M	25.8	3/4"	27	30	12	10	60	5400
32×1"M	33	1"	34	36	14	5	40	3600
40×1 1/4"M	41.5	1 1/4"	42	41	15	2	22	1980
50×1 1/2"M	51	1 1/2"	48	47.5	16	1	13	1170
63×2"M	64	2"	61	57.5	18.5	1	15	675

### HS140-007

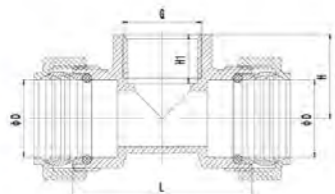
Equal Tee/ 等径三通 C×C×C



SIZE	D	L	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20×20×20	20.7	48	27	10	40	3600
25×25×25	25.8	56	31	10	30	2700
32×32×32	33	70	38.5	5	15	1350
40×40×40	41.5	84	46	2	10	900
50×50×50	51	99	56	1	6	540
63×63×63	64	124	69	1	7	315

### HS140-008

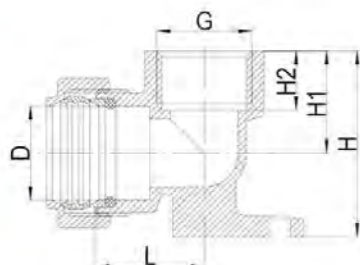
Female Tee/ 内螺纹三通 C×C×FI



SIZE	D	G	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20×1/2"F	20.7	1/2"	48	22.5	13	10	60	5400
25×3/4"F	25.8	3/4"	58	26	14	10	30	2700
32×1"F	33	1"	70	33.5	15	5	20	1800
40×1 1/4"F	41.5	1 1/4"	86	38.5	16	2	10	900
50×1 1/2"F	51	1 1/2"	98	44.5	17	1	7	630
63×2"F	64	2"	124	55	20	1	9	405

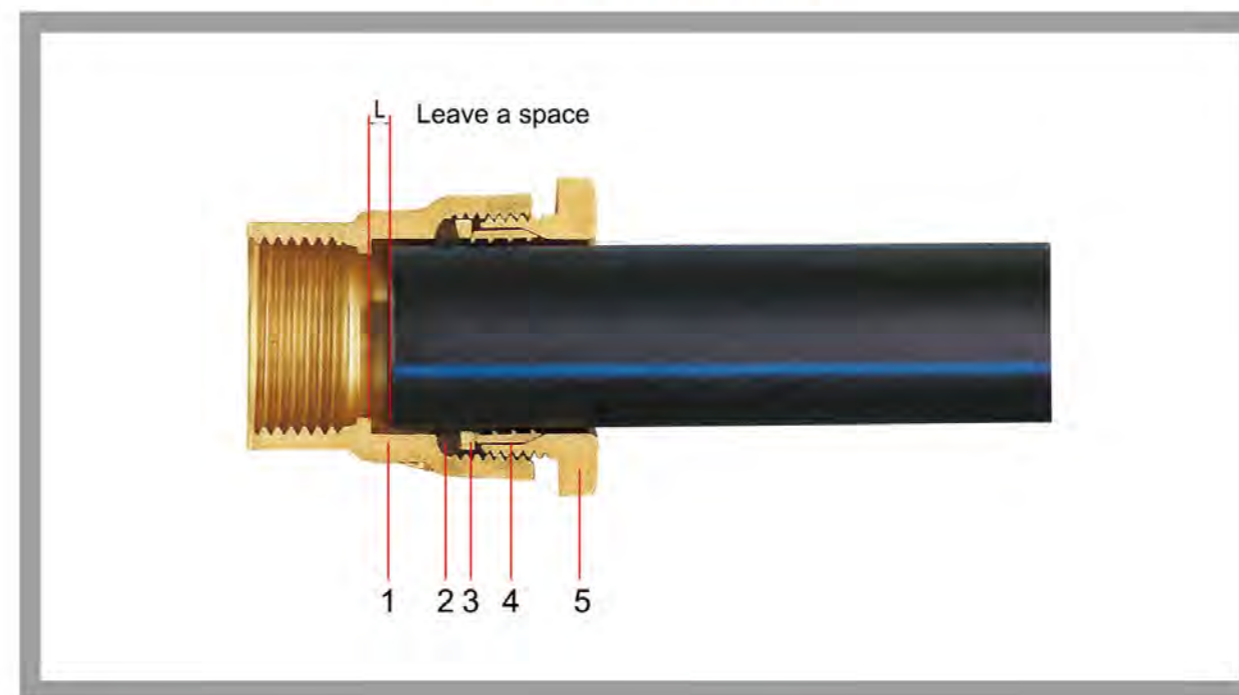
### HS140-009

Wallplate Elbow/ 内螺纹墙体阀 C×FI



SIZE	D	G	L	H	H1	H2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20×1/2"F	20.7	1/2"	24	41	22.5	13	10	80	7200
25×3/4"F	25.8	3/4"	29	48	26	14	10	50	4500
32×1"F	33	1"	35	61.5	33.5	15	5	30	2700

## HS150 SERIES



#### Technical Points:

- 1.Body:Brass by hot forging
- 2.O-ring:NBR
- 3.Washer:Brass
- 4.Lock ring:Brass
- 5.Nut:Brass by hot forging
- 6.Working pressure:1.6MPa
- 7.Working temperature:-10℃≤ t ≤ 80℃

#### 技术要点:

1. 本体: 黄铜锻造
2. O型圈: NBR
3. 平垫圈: 黄铜
4. 开口卡圈: 黄铜
5. 螺帽: 黄铜锻造
6. 工作压力: 1.6MPa
7. 工作温度: -10℃≤ t ≤ 80℃

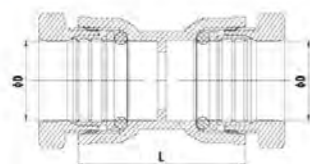
#### Assembling Instructions

1. Cut the pipe perpendicular to its using appropriate tools,remove any trimming carefully
2. Fit the nut on the pipe
3. Fit the lock ring on the pipe
4. Fit the brass washer on the pipe
5. Fit the o-ring on the pipe
6. Fit the pipe on the body up to the mechanical stop
7. Tighten the nut by hand till it is possible then using the tool tighten the nut

#### 组装说明:

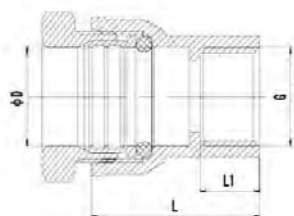
1. 用合适的工具割断 PE 管, 去除所有毛刺。
2. 将螺帽套在 PE 管上。
3. 开口卡圈套在 PE 管上。
4. 将平垫圈套在 PE 管上。
5. 将 O 型圈套在 PE 管上。
6. 将 PE 管插入本体。
7. 用手拧紧螺帽, 直到手拧不动为止, 再用工具拧紧螺帽。

**HS150-001**  
Equal Straight/ 等径直通 C x C



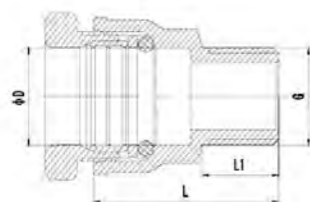
SIZE	D	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x20	21	43	10	80	7200
25x25	26	45.5	10	50	4500
32x32	33	51.5	5	35	3150
40x40	41	57.5	2	24	2160
50x50	51	62	1	16	1440
63x63	64.5	88	1	18	810

**HS150-002**  
Female Straight/ 内螺纹直通 C x FI



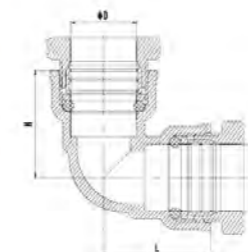
SIZE	D	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20 x 1/2" F	21	1/2"	35	13	10	120	10800
20 x 3/4" F	21	3/4"	40	15	10	100	9000
25 x 1/2" F	26	1/2"	36	13	10	90	8100
25 x 3/4" F	26	3/4"	38.5	15	10	80	7200
25 x 1" F	26	1"	43.5	17	5	60	5400
32 x 3/4" F	33	3/4"	42	15	5	60	5400
32 x 1" F	33	1"	43.5	17	5	50	4500
40 x 1" F	41	1"	46.5	17	5	40	3600
40 x 1 1/4" F	41	1 1/4"	48.5	19	2	36	3240
50 x 1 1/4" F	51	1 1/4"	50	19	2	30	2700
50 x 1 1/2" F	51	1 1/2"	48	18	1	25	2250
63 x 1 1/2" F	64.5	1 1/2"	61	18	1	30	1350
63 x 2" F	64.5	2"	64	21	1	28	1260

**HS150-003**  
Male Straight/ 外螺纹直通 C x MI



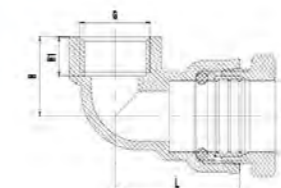
SIZE	D	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20 x 1/2" M	21	1/2"	34	11	10	130	11700
20 x 3/4" M	21	3/4"	35	12	10	110	9900
25 x 1/2" M	26	1/2"	35	11	10	100	9000
25 x 3/4" M	26	3/4"	36	12	10	90	8100
25 x 1" M	26	1"	38	14	5	60	5400
32 x 3/4" M	33	3/4"	39.5	12	5	60	5400
32 x 1" M	33	1"	41.5	14	5	50	4500
40 x 1" M	41	1"	44.5	14	5	40	3600
40 x 1 1/4" M	41	1 1/4"	46.5	16	2	36	3240
50 x 1 1/4" M	51	1 1/4"	49	16	2	30	2700
50 x 1 1/2" M	51	1 1/2"	50	17	1	26	2340
63 x 1 1/2" M	64.5	1 1/2"	63	17	1	30	1350
63 x 2" M	64.5	2"	64.5	18.5	1	30	1350

**HS150-004**  
Equal Elbow/ 等径弯头 C x C



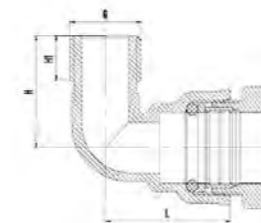
SIZE	D	L	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x20	21	37	37	10	60	5400
25x25	26	38	38	10	40	3600
32x32	33	44	44	5	25	2250
40x40	41	53	53	2	18	1620
50x50	51	59	59	1	11	990
63x63	64.5	74	74	1	12	540

**HS150-005**  
Female Elbow/ 内螺纹弯头 C x FI



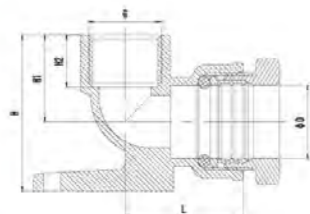
SIZE	D	G	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x1/2" F	21	1/2"	34	23	13	10	100	9000
25x1/2" F	26	1/2"	35	23	13	10	80	7200
25x3/4" F	26	3/4"	37.5	27.5	15	10	70	6300
32x1" F	33	1"	44	31.5	17	5	40	3600
40x1 1/4" F	41	1 1/4"	52	39	19	2	24	2160
50x1 1/2" F	51	1 1/2"	57.5	41.5	19	1	18	1620
63x2" F	64.5	2"	74	49	22	1	20	900

**HS150-006**  
Male Elbow/ 外螺纹弯头 C x MI



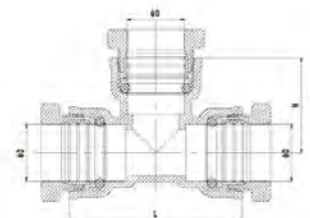
SIZE	D	G	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20 x 1/2" M	21	1/2"	37	31	11	10	90	8100
25 x 3/4" M	26	3/4"	38	35	12	10	60	5400
32 x 3/4" M	33	3/4"	40.5	38	12	10	40	3600
32 x 1" M	33	1"	44	41	14	5	35	3150
40 x 1" M	41	1"	47	46	14	5	30	2700
40 x 1 1/4" M	41	1 1/4"	55	48	16	2	22	1980
50 x 1 1/2" M	51	1 1/2"	60	53	17	1	16	1440
63 x 2" M	64.5	2"	75	60.5	18.5	1	17	765

**HS150-007**  
Wallplate Elbow/ 内螺纹墙体阀 C x FI



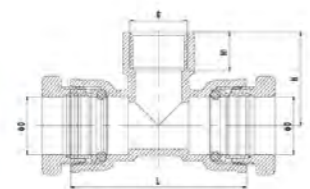
SIZE	D	G	L	H	H1	H2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x1/2"F	21	1/2"	34	43	23	13	10	60	5400
25x1/2"F	26	1/2"	35	48	23	13	10	50	4500
25x3/4"F	26	3/4"	37.5	52.5	27.5	15	10	40	3600
32x1"F	33	1"	44	61.5	31.5	17	5	25	2250

**HS150-008**  
Equal Tee/ 等径三通 C x C x C



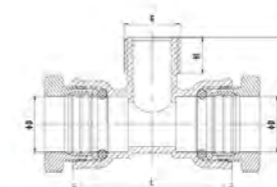
SIZE	D	L	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x20x20	21	64	35	10	40	3600
25x25x25	26	70	36.5	10	30	2700
32x32x32	33	83	43	5	15	1350
40x40x40	41	96	50	2	12	1080
50x50x50	51	112	57.5	1	6	540
63x63x63	64.5	138	76	1	8	360

**HS150-009**  
Female Tee/ 内螺纹三通 C x C x FI



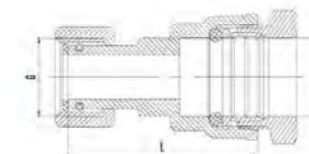
SIZE	D	G	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x1/2"F	21	1/2"	63.5	33	13	10	50	4500
25x1/2"F	26	1/2"	65	35	13	10	40	3600
25x3/4"F	26	3/4"	68	37.5	15	10	30	2700
32x1"F	33	1"	81	43	17	5	20	1800
40x1 1/4"F	41	1 1/4"	96	50	19	2	14	1260
50x1 1/2"F	51	1 1/2"	112	57	19	1	6	540
63x2"F	64.5	2"	136	67	22	1	10	450

**HS150-010**  
Male Tee/ 外螺纹三通 C x C x MI



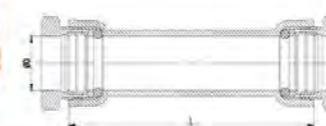
SIZE	D	G	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x1/2"M	21	1/2"	60	30	11	10	50	4500
25x3/4"M	26	3/4"	67	34	12	10	30	2700
32x1"M	33	1"	80	40	14	5	20	1800
40x1 1/4"M	41	1 1/4"	95	49	16.5	2	14	1260
50x1 1/2"M	51	1 1/2"	108	54.5	17	1	6	540
63x2"M	64.5	2"	136	64.5	18.5	1	10	450

**HS150-011**  
Straight Tap Connector/ 滑动直通 C x FI



SIZE	D	G	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x1/2"F	21	1/2"	43.5	10	100	9000
20x3/4"F	21	3/4"	44.5	10	90	8100
25x3/4"F	26	3/4"	46	10	60	5400
25x1"F	26	1"	49	5	50	4500
32x1"F	33	1"	52.5	5	45	4050

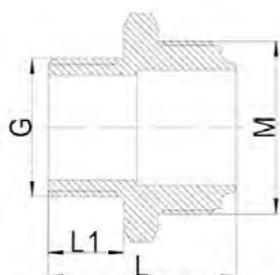
**HS150-012**  
Equal Straight/ 补漏直通



SIZE	D	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x20	21	95	10	40	3600
25x25	26	100	10	30	2700
32x32	33	105	4	28	2520
40x40	41	111	2	16	1440
50x50	51	113	1	9	810
63x63	64.5	134	1	12	540

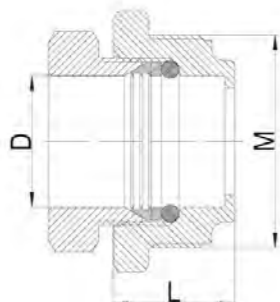


**HS150-013**  
Transition To The Threaded Nipple/ 外螺纹转接头



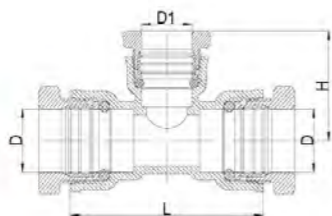
SIZE	G	M	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
25 x 3/4"M	3/4"	33 x 1.5	36	14.5	10	100	9000
32 x 1"M	1"	42 x 1.5	40.5	16.8	5	65	5850
32 x 1 1/4"M	1 1/4"	42 x 1.5	42.7	19	5	40	3600
40 x 1 1/4"M	1 1/4"	52 x 1.5	43.5	19	2	38	3420
40 x 1 1/2"M	1 1/2"	52 x 1.5	43.5	19	1	35	3150
50 x 1 1/2"M	1 1/2"	64 x 1.5	45.5	19	1	32	2880
50 x 2"M	2"	64 x 1.5	47.5	21	1	40	1800
63 x 2"M	2"	80 x 1.5	50	21	1	40	1800

**HS150-014**  
Reduction Effort/ 缩径转接头



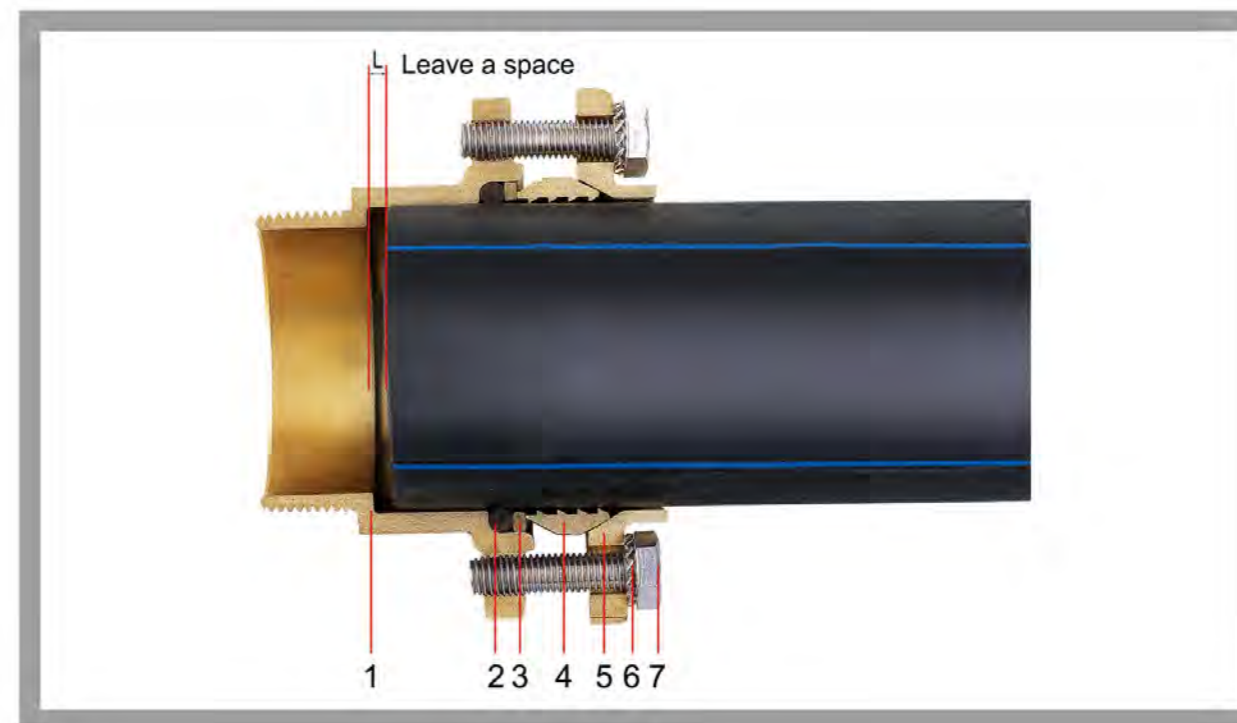
SIZE	G	M	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
32 x 25	26	42X1.5	24	5	65	5850
40 x 32	33	52X1.5	27.5	2	42	3780
50 x 32	33	64X1.5	27.5	1	26	2340
50 x 40	41	64X1.5	30.5	1	26	2340
63 x 40	41	80X1.5	30.5	1	38	1710
63 x 50	51	80X1.5	32.5	1	38	1710

**HS150-015**  
Reducing Tee/ 异径三通 C x C x C



SIZE	D	D1	L	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
32 x 25 x 32	33	26	76	40	5	15	1350
40 x 32 x 40	41	33	120	47	2	10	900
50 x 32 x 50	51	33	130	52.5	1	6	540
50 x 40 x 50	51	41	130	55.5	1	6	540
63 x 32 x 63	64.5	33	140	61	1	10	450
63 x 40 x 63	64.5	41	140	64	1	8	360

**HS160 SERIES**



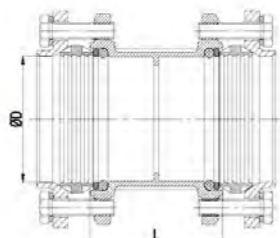
**Technical Points:**

- 1.Body:Brass by hot forging
- 2.O-ring:NBR
- 3.Washer:A3
- 4.Lock ring:Brass
- 5.Nut:Brass by hot forging
- 6.Gasket:Staninless steel
- 7.Bolt:Stainless steel
- 8.Working pressure:1.6MPa
- 9.Working temperature:-10°C ≤ t ≤ 80°C

**技术要点:**

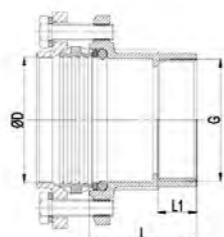
1. 本体: 黄铜锻造
2. O 型圈: NBR
3. 平垫圈: A3
4. 开口卡圈: 黄铜
5. 螺帽: 黄铜锻造
6. 弹簧垫片: 不锈钢
7. 螺栓: 不锈钢
8. 工作压力: 1.6MPa
9. 工作温度: -10°C ≤ t ≤ 80°C

**HS160-001**  
Equal Straight/ 等径直通 C x C



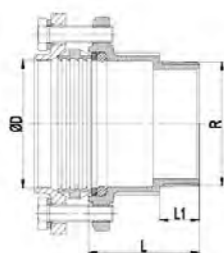
SIZE	D	L	Pcs/Carton	Pcs/Pallet
75 x 75	76	81	4	192
90 x 90	91	90	4	192
110 x 110	111	110	2	96

**HS160-002**  
Female Straight/ 内螺纹直通 C x FI



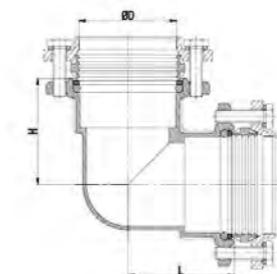
SIZE	G	D	L	L1	Pcs/Carton	Pcs/Pallet
75 x 2 1/2" F	2 1/2"	76	66	24	6	288
90 x 3" F	3"	91	72	25	5	240
110 x 4" F	4"	111	85.5	28	3	144

**HS160-003**  
Male Straight/ 外螺纹直通 C x MI



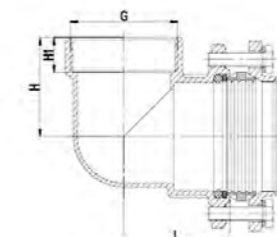
SIZE	R	D	L	L1	Pcs/Carton	Pcs/Pallet
75 x 2 1/2" M	2 1/2"	76	67	24	6	288
90 x 3" M	3"	91	72.5	25	5	240
110 x 4" M	4"	111	85.5	28	3	144

**HS160-004**  
Equal Elbow/ 等径弯头 C x C



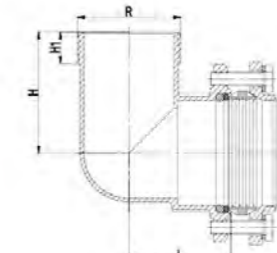
SIZE	D	L	H	Pcs/Carton	Pcs/Pallet
75x75	76	84	84	3	144
90x90	91	98.5	98.5	1	48
110x110	111	120	120	1	48

**HS160-005**  
Female Elbow/ 内螺纹弯头 C x FI



SIZE	D	G	L	H	H1	Pcs/Carton	Pcs/Pallet
75x2 1/2" F	76	2 1/2"	74	69	24	4	192
90x3" F	91	3"	85.5	78	25	2	96
110x4" F	111	4"	102	94	28	1	48

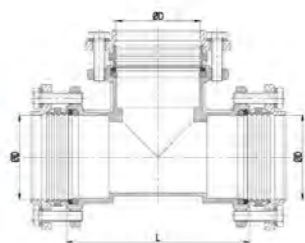
**HS160-006**  
Male Elbow/ 外螺纹弯头 C x MI



SIZE	D	R	L	H	H1	Pcs/Carton	Pcs/Pallet
75x2 1/2" M	76	2 1/2"	74	88	24	4	192
90x3" M	91	3"	85.5	98	25	2	96
110x4" M	111	4"	102	112	29	1	48

### HS160-007

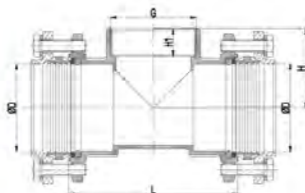
Equal Tee/ 等径三通 C×C×C



SIZE	D	L	H	Pcs/Carton	Pcs/Pallet
75×75×75	76	168	84	2	96
90×90×90	91	197	98.5	1	48
110×110×110	111	240	120	1	48

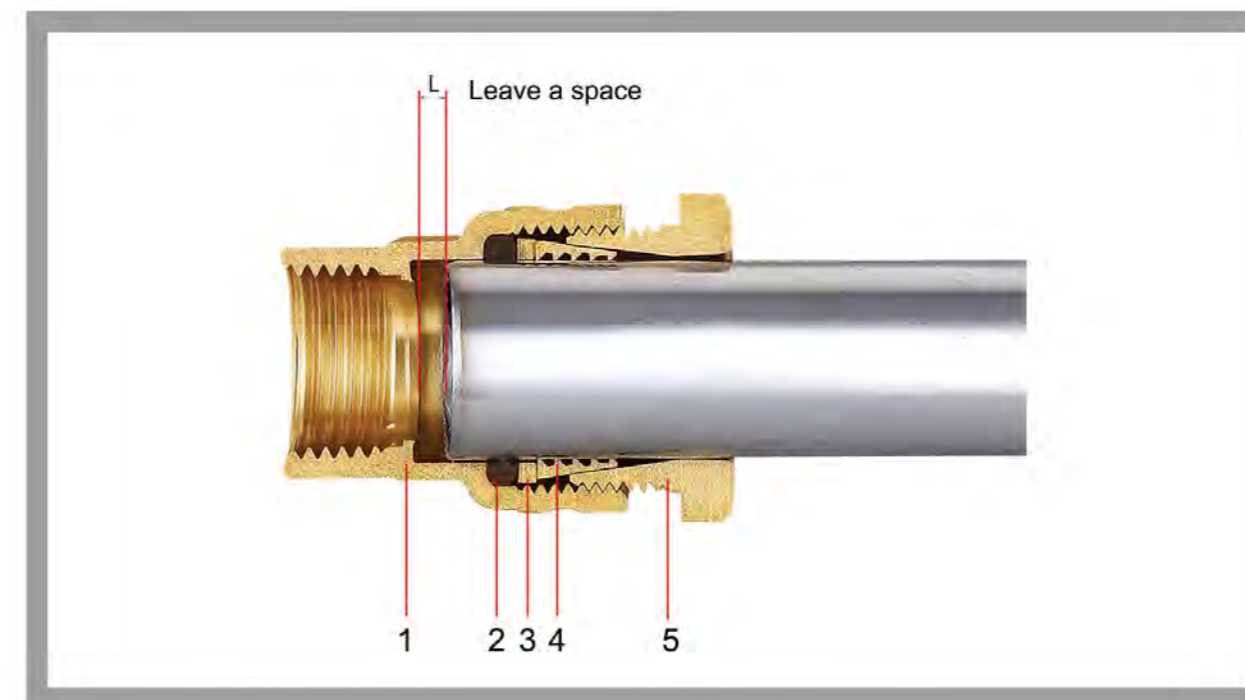
### HS160-008

Female Tee/ 内螺纹三通 C×C×FI



SIZE	D	G	L	H	H1	Pcs/Carton	Pcs/Pallet
75×2 1/2" F	76	2 1/2"	148	69	24	2	96
90×3" F	91	3"	171	78	25	1	48
110×4" F	111	4"	204	94	28	1	48

## HS170 SERIES



#### Technical Points:

- 1.Body:Brass by hot forging
- 2.O-ring:NBR
- 3.Washer:Brass
- 4.Lock ring:Brass
- 5.Nut:Brass by hot forging
- 6.Working pressure:1.6MPa
- 7.Working temperature:-10℃≤ t ≤ 80℃

#### 技术要点:

1. 本体：黄铜锻造
- 2.O 型圈：NBR
3. 平垫圈：黄铜
4. 开口卡圈：黄铜
5. 螺帽：黄铜锻造
6. 工作压力：1.6MPa
7. 工作温度：-10℃≤ t ≤ 80℃

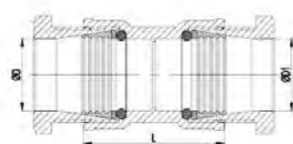
#### Assembling Instructions

- 1.Cut the pipe perpendicular to its using appropriate tools,remove any trimming carefully
- 2.Fit the nut on the pipe
- 3.Fit the lock ring on the pipe
- 4.Fit the brass washer on the pipe
- 5.Fit the o-ring on the pipe
- 6.Fit the pipe on the body up to the mechanical stop
- 7.Tighten the nut by hand till it is possible then using the tool tighten the nut

#### 组装说明:

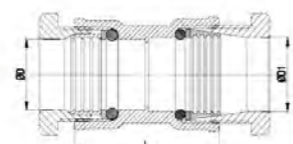
1. 用合适的工具切断钢管，去除所有毛刺。
2. 将螺帽套在钢管上。
3. 开口卡圈套在钢管上。
4. 将平垫圈套在钢管上。
5. 将 O 型圈套在钢管上。
6. 将钢管插入本体。
7. 用手拧紧螺帽，直到手拧不动为止，再用工具拧紧螺帽。

**HS170-001**  
Equal Straight/ 等径直通 C × C



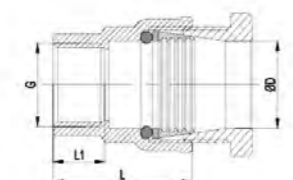
SIZE	D	D1	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
21×21	22	22	47	10	70	6300
27×27	27.5	27.5	49.5	10	50	4500
34×34	34.5	34.5	56.5	5	30	2700
43×43	43.1	43.1	62.5	2	22	1980
49×49	49	49	66	1	15	1350
61×61	61	61	93	1	18	810

**HS170-002**  
Reducing Straight/ 异径直通 C × C



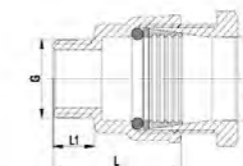
SIZE	D	D1	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20×21	21	22	45	10	70	6300
25×27	26	27.5	47.5	10	50	4500
32×34	33	34.5	54	5	30	2700
40×43	41	43.1	60	2	22	1980
50×49	51	49	64	1	15	1350
63×61	64.5	61	90.5	1	18	810

**HS170-003**  
Female Straight/ 内螺纹直通 C × FI



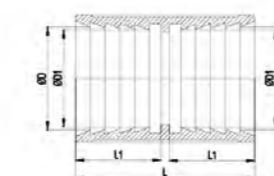
SIZE	D	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
21×1/2"F	22	1/2"	37	13	10	100	9000
27×3/4"F	27.5	3/4"	40.5	15	10	80	7200
34×1"	34.5	1"	46	17	5	50	4500
43×1 1/4"F	43.1	1 1/4"	51	19	2	36	3240
49×1 1/2"F	49	1 1/2"	50	18	1	20	1800
61×2"F	61	2"	66.5	21	1	28	1260

**HS170-004**  
Male Straight/ 外螺纹直通 C × MI



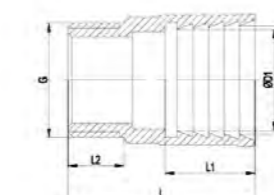
SIZE	D	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
21×1/2"M	22	1/2"	36	11	10	120	10800
27×3/4"M	27.5	3/4"	38	12	10	80	7200
34×1"M	34.5	1"	44	14	5	55	4950
43×1 1/4"M	43.1	1 1/4"	49	16	2	36	3240
49×1 1/2"M	49	1 1/2"	52	17	1	24	2160
61×2"M	61	2"	67	18.5	1	30	1350

**HS180-001**  
Equal Straight/ 等径直通 C × C



SIZE	D	D1	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
32×32	31.3	29.3	54.5	26	5	75	6750

**HS180-002**  
Male Straight/ 外螺纹直通 C × MI



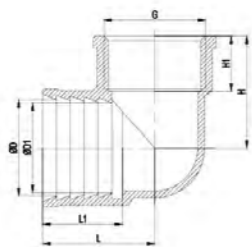
SIZE	D	D1	G	L	L1
32×1"M	31.3	29.3	1"	54	26

L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16	5	75	6750

**HS180-003**

Female Elbow/ 内螺纹弯头 C × FI

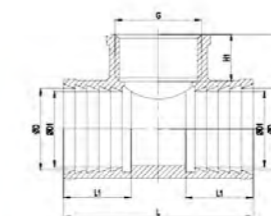


SIZE	D	D1	G	L	L1
32×3/4"F	31.3	29.3	3/4"	36	26
32×1"F	31.3	29.3	1"	36.5	26

H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
33.5	15	5	65	5850
36.5	18	5	60	5400

**HS180-005**

Female Tee/ 内螺纹三通 C × C × FI

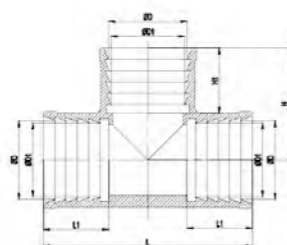


SIZE	D	D1	G	L	L1
32×3/4"F×32	31.3	29.3	3/4"	72	26
32×1"F×32	31.3	29.3	1"	73	26

H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
36.5	18	5	30	2700
36.5	18	5	30	2700

**HS180-004**

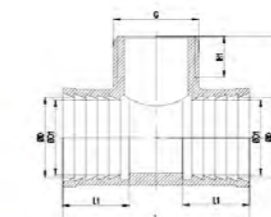
Equal Tee/ 等径三通 C × C × C



SIZE	D	D1	L	L1	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
32×32×32	31.3	29.3	83	26	44.5	5	30	2700

**HS180-006**

Male Tee/ 外螺纹三通 C × C × MI



SIZE	D	D1	G	L	L1
32×1"M×32	31.3	29.3	1"	73	26

H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
39.5	16	5	40	3600



### **HS190**

Brass Threaded Fittings  
螺纹式管件（本色）



### **HS200**

Brass Threaded Fittings(Polishing And Chrome-plated)  
螺纹式管件（抛光镀铬）

## HS190 SERIES



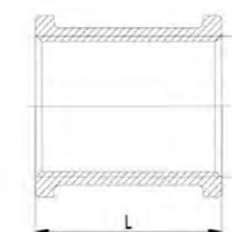
### Technical Points:

1. Body in brass by hot forging.
2. Manufactured according to EN1254-4.
3. Fastening threads according to ISO 228/1.

### 技术要点:

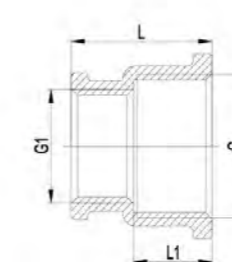
1. 本体黄铜锻造
2. 生产标准: EN1254-4
3. 外配螺纹标准: ISO228/1

### HS190-001 Equal Straight/ 内螺纹等径直通



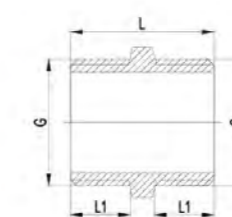
SIZE	G	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/4"	1/4"	22	10	500	45000
3/8"	3/8"	25	10	400	36000
1/2"	1/2"	30	10	230	20700
3/4"	3/4"	34	10	140	12600
1"	1"	36	10	100	9000
1 1/4"	1 1/4"	43	5	55	4950
1 1/2"	1 1/2"	53	5	35	3150
2"	2"	65	1	45	2025
2 1/2"	2 1/2"	68	1	30	1350
3"	3"	70	1	21	945
4"	4"	80	1	12	540

### HS190-002 Reducing Straight/ 内螺纹异径直通



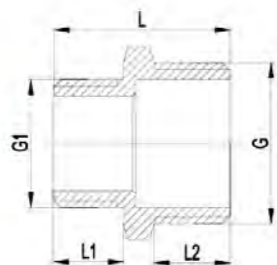
SIZE	G	G1	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2" x 3/8"	1/2"	3/8"	21.5	13	10	360	32400
3/4" x 1/2"	3/4"	1/2"	26	14.5	10	210	18900
1" x 1/2"	1"	1/2"	28	16	5	160	14400
1" x 3/4"	1"	3/4"	29	16	5	150	13500
1 1/4" x 1/2"	1 1/4"	1/2"	30.5	18.5	5	110	9900
1 1/4" x 3/4"	1 1/4"	3/4"	31.5	18.5	5	100	9000
1 1/4" x 1"	1 1/4"	1"	33	18.5	5	90	8100
1 1/2" x 1"	1 1/2"	1"	33	19.5	5	70	6300
1 1/2" x 1 1/4"	1 1/2"	1 1/4"	35	19.5	5	60	5400
2" x 1"	2"	1"	37	23	1	76	3420
2" x 1 1/4"	2"	1 1/4"	39	23	1	76	3420
2" x 1 1/2"	2"	1 1/2"	40	23	1	76	3420

### HS190-003 Equal Nipple/ 外螺纹等径直通



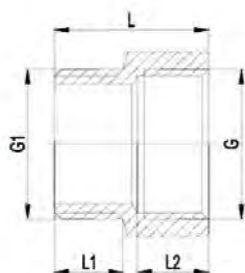
SIZE	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/8"	1/8"	19.5	8	25	1200	108000
1/4"	1/4"	21	8.5	10	1000	90000
3/8"	3/8"	22.5	9	10	700	63000
1/2"	1/2"	25.5	10.5	10	400	36000
3/4"	3/4"	29	12	10	240	21600
1"	1"	31.5	13	5	120	10800
1 1/4"	1 1/4"	35.5	15	5	75	6750
1 1/2"	1 1/2"	39	16.5	5	60	5400
2"	2"	45	19	1	96	4320
2 1/2"	2 1/2"	58	25	1	45	2025
3"	3"	63	27	1	32	1440
4"	4"	81	35	1	12	540

**HS190-004**  
Reducing Nipple/ 外螺纹异径直通



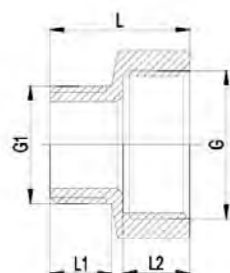
SIZE	G	G1	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8" x 1/4"	3/8"	1/4"	21	7.5	9	10	800	72000
1/2" x 1/4"	1/2"	1/4"	23	7.5	11	10	550	49500
1/2" x 3/8"	1/2"	3/8"	24.5	9	11	10	500	45000
3/4" x 3/8"	3/4"	3/8"	26.5	9	12.5	10	280	25200
3/4" x 1/2"	3/4"	1/2"	29	11.5	12.5	10	270	24300
1" x 1/2"	1"	1/2"	30	11.5	14	5	160	14400
1" x 3/4"	1"	3/4"	31	12	14	5	150	13500
1 1/4" x 1/2"	1 1/4"	1/2"	33	11.5	16	5	105	9450
1 1/4" x 3/4"	1 1/4"	3/4"	34.5	13	16	5	100	9000
1 1/4" x 1"	1 1/4"	1"	35	13.5	16	5	95	8550
1 1/2" x 1/2"	1 1/2"	1/2"	33.5	11.5	16.5	5	80	7200
1 1/2" x 3/4"	1 1/2"	3/4"	35	13	16.5	5	80	7200
1 1/2" x 1"	1 1/2"	1"	35	13	16.5	5	80	7200
1 1/2" x 1 1/4"	1 1/2"	1 1/4"	38	16	16.5	5	70	6300
2" x 3/4"	2"	3/4"	39	13	20	1	120	5400
2" x 1"	2"	1"	40	14	20	1	120	5400
2" x 1 1/4"	2"	1 1/4"	42	16	20	1	120	5400
2" x 1 1/2"	2"	1 1/2"	42.5	16.5	20	1	96	4320
2 1/2" x 2"	2 1/2"	2"	54	20	25	1	48	2160
3" x 2"	3"	2"	57	20	27	1	30	1350
3" x 2 1/2"	3"	2 1/2"	62	27	25	1	30	1350

**HS190-005**  
Equal Straight(MF) / 内外螺纹等径直通



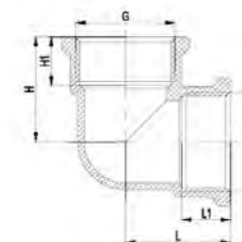
SIZE	G	G1	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/4"	1/4"	1/4"	18.5	8	9	10	1000	90000
3/8"	3/8"	3/8"	18	8.5	9	10	700	63000
1/2"	1/2"	1/2"	22.5	10.5	11	10	380	34200
3/4"	3/4"	3/4"	26.5	12	12.5	10	220	19800
1"	1"	1"	30.5	13	15	5	110	9900
1 1/4"	1 1/4"	1 1/4"	33	15	16	5	80	7200
1 1/2"	1 1/2"	1 1/2"	35	15.5	17	5	50	4500
2"	2"	2"	42.5	19.5	20	1	70	3150

**HS190-006**  
Reducing Straight(MF) / 内外螺纹异径直通



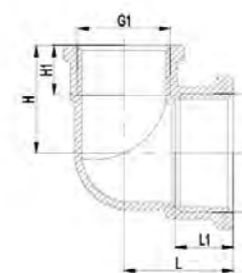
SIZE	G1	G	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/4" x 3/8"	1/4"	3/8"	20	8	10	10	800	72000
1/4" x 1/2"	1/4"	1/2"	21	8	11	10	480	43200
3/8" x 1/4"	3/8"	1/4"	19	8.5	9	10	750	67500
3/8" x 1/2"	3/8"	1/2"	21.5	8.5	11	10	450	40500
1/2" x 3/8"	1/2"	3/8"	21.5	11	8.5	10	500	45000
1/2" x 3/4"	1/2"	3/4"	25	11	12	10	280	25200
1/2" x 1"	1/2"	1"	28	11	13.5	10	200	18000
1/2" x 1 1/4"	1/2"	1 1/4"	30	11	16	5	105	9450
3/4" x 1/2"	3/4"	1/2"	24	12	11	10	280	25200
3/4" x 1"	3/4"	1"	29	12	14.5	5	160	14400
3/4" x 1 1/4"	3/4"	1 1/4"	31	12	16	5	105	9450
1" x 3/4"	1"	3/4"	27	13	12	5	150	13500
1" x 1 1/4"	1"	1 1/4"	32	13	16	5	105	9450
1" x 1 1/2"	1"	1 1/2"	34	13	17	5	75	6750
1" x 2"	1"	2"	38	13	19.5	5	115	5175
1 1/4" x 1 1/2"	1 1/4"	1 1/2"	36	16	17	5	70	6300
1 1/4" x 2"	1 1/4"	2"	40	16	19.5	5	110	4950
1 1/2" x 2"	1 1/2"	2"	40.5	17	19.5	5	110	4950
2" x 1 1/2"	2"	1 1/2"	34	19	17	1	80	3600
2" x 2 1/2"	2"	2 1/2"	19	19	25.5	1	48	2160

**HS190-007**  
Equal Elbow/ 内螺纹等径弯头



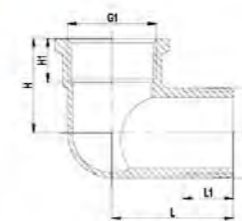
SIZE	G	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/4"	1/4"	15.5	8.5	15.5	8.5	10	400	36000
3/8"	3/8"	17.5	8.5	17.5	8.5	10	340	30600
1/2"	1/2"	22	11	22	11	10	200	18000
3/4"	3/4"	28	13.5	28	13.5	10	110	9900
1"	1"	32	14	32	14	5	60	5400
1 1/4"	1 1/4"	38	16	38	16	5	35	3150
1 1/2"	1 1/2"	40.5	16	40.5	16	5	30	2700
2"	2"	51	20	51	20	1	36	1620
2 1/2"	2 1/2"	67	25.5	67	25.5	1	16	720
3"	3"	77	27	77	27	1	12	540
4"	4"	95	36	95	36	1	4	180

**HS190-008**  
Reducing Elbow/ 内螺纹异径弯头



SIZE	G	G1	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2" x 3/8"	1/2"	3/8"	21	11	20	8	8	8	8
3/4" x 1/2"	3/4"	1/2"	24.5	13.5	24	11	11	11	11
1" x 1/2"	1"	1/2"	26.5	14	27	11	11	11	11
1" x 3/4"	1"	3/4"	29	14	31	13	13	13	13
1 1/4" x 1"	1 1/4"	1"	33	16	34.5	14	14	14	14
1 1/2" x 1"	1 1/2"	1"	34	16	36.5	14	14	14	14
1 1/2" x 1 1/4"	1 1/2"	1 1/4"	37	16	41	16	16	16	16

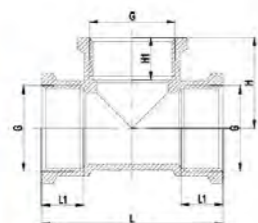
**HS190-009**  
Equal Elbow(MF)/ 内外螺纹等径弯头



SIZE	G	G1	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/4"	1/4"	1/4"	20	7	15	9	10	400	36000
3/8"	3/8"	3/8"	24.5	9	17	8.5	10	340	30600
1/2"	1/2"	1/2"	29	10.5	22	11	10	200	18000
3/4" x 1/2"	3/4"	1/2"	27	12	24	11	10	160	14400
3/4"	3/4"	3/4"	33.5	12.5	28	13	10	100	9000
1"	1"	1"	38	13	32	14	5	60	5400
1 1/4"	1 1/4"	1 1/4"	45	15	37	15	5	35	3150
1 1/2"	1 1/2"	1 1/2"	48	16	40	16	5	25	2250
2"	2"	2"	62	19	52	20	1	32	1440
2 1/2"	2 1/2"	2 1/2"	77	24	67	25.5	1	17	765
3"	3"	3"	86.5	27	77	27	1	12	540

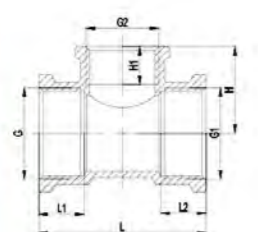


**HS190-010**  
Equal Tee(FFF)/ 内螺纹等径三通



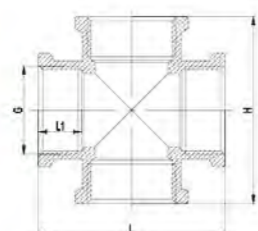
SIZE	G	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/4"	1/4"	31	8.5	15.5	8.5	25	250	22500
3/8"	3/8"	35	8.5	17.5	8.5	10	180	16200
1/2"	1/2"	44	11	22	11	10	120	10800
3/4" x 1/2"	3/4"	56	13.5	28	13.5	10	60	5400
3/4"	1"	64	14	32	14	5	45	4050
1"	1 1/4"	76	16	38	16	5	25	2250
1 1/4"	1 1/2"	81	16	40.5	16	5	20	1800
1 1/2"	2"	102	20	51	20	1	26	1170
2"	2 1/2"	134	25.5	67	25.5	1	12	540
2 1/2"	3"	154	27	77	27	1	6	270
3"	4"	190	31	95	31	1	4	180

**HS190-011**  
Reducing Tee(FFF)/ 内螺纹异径三通



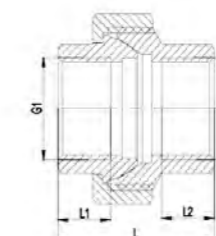
SIZE	G	G1	G1	L	L1	L2	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/4" x 1/2" x 3/4"	3/4"	3/4"	1/2"	48	13	13	25	11	10	90	8100
1" x 1/2" x 1"	1"	1"	1/2"	52	14	14	27.5	11	5	60	5400
1" x 3/4" x 1"	1"	1"	3/4"	57	14	14	30	13.5	5	50	4500
1 1/4" x 1/2" x 1 1/4"	1 1/4"	1 1/4"	1/2"	56	16	16	32	11	5	40	3600
1 1/4" x 3/4" x 1 1/4"	1 1/4"	1 1/4"	3/4"	61	16	16	34	13	5	30	2700
1 1/4" x 1" x 1 1/4"	1 1/4"	1 1/4"	1"	66	16	16	34.5	14	5	30	2700
1 1/2" x 1/2" x 1 1/2"	1 1/2"	1 1/2"	1/2"	59	16	16	34.5	11	5	25	2250
1 1/2" x 3/4" x 1 1/2"	1 1/2"	1 1/2"	3/4"	63	16	16	37	13.5	5	25	2250
1 1/2" x 1" x 1 1/2"	1 1/2"	1 1/2"	1"	66	16	16	38	14	5	25	2250
1 1/2" x 1 1/4" x 1 1/2"	1 1/2"	1 1/2"	1 1/4"	74	16	16	41	15	5	20	1800
2" x 1/2" x 2"	2"	2"	1/2"	66	21	21	44	11	1	42	1890
2" x 3/4" x 2"	2"	2"	3/4"	69	21	21	44	13.5	1	42	1890
2" x 1" x 2"	2"	2"	1"	78	21	21	44	15	1	42	1890
2" x 1 1/4" x 2"	2"	2"	1 1/4"	85	21	21	46	16.5	1	36	1620
2" x 1 1/2" x 2"	2"	2"	1 1/2"	92	21	21	46	17	1	30	1350

**HS190-012**  
Cross/ 内螺纹等径四通



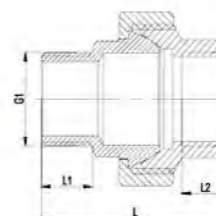
SIZE	G	L	L1	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8"	3/8"	35	8.5	35	10	190	17100
1/2"	1/2"	44	11	44	10	110	9900
3/4"	3/4"	56	13.5	56	10	60	5400
1"	1"	64	15	64	5	35	3150
1 1/4"	1 1/4"	76	16	76	5	20	1800
1 1/2"	1 1/2"	81	17	81	5	15	1350
2"	2"	102	20	102	1	18	810

**HS190-013**  
Straight Union With Metal Sealed(FF)/ 内螺纹连接直通 (硬密封)



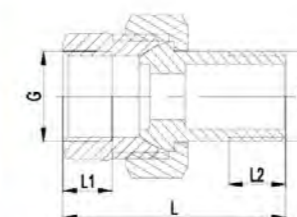
SIZE	G	G1	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	1/2"	1/2"	34.5	13.5	12	10	140	12600
3/4"	3/4"	3/4"	40	14.5	15	10	80	7200
1"	1"	1"	45	19	18	5	60	5400
1 1/4"	1 1/4"	1 1/4"	51.5	20.5	19	5	30	2700
1 1/2"	1 1/2"	1 1/2"	56.5	21	21	5	25	2250
2"	2"	2"	68.5	24.5	24.5	1	30	1350
2 1/2"	2 1/2"	2 1/2"	86.5	28	28	1	15	675
3"	3"	3"	96	33	33	1	10	450

**HS190-014**  
Straight Union With Metal Sealed(MF)/ 内外螺纹连接直通 (硬密封)



SIZE	G	G1	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	1/2"	1/2"	46.5	13	12	10	120	10800
3/4"	3/4"	3/4"	52	14.5	15	10	70	6300
1"	1"	1"	57.5	17	18	5	45	4050
1 1/4"	1 1/4"	1 1/4"	64.5	17.5	19	5	30	2700
1 1/2"	1 1/2"	1 1/2"	73.5	19.5	21	5	20	1800
2"	2"	2"	82.5	24	24.5	1	24	1080
2 1/2"	2 1/2"	2 1/2"	118.5	32	28	1	8	360
3"	3"	3"	128	32	33	1	6	270

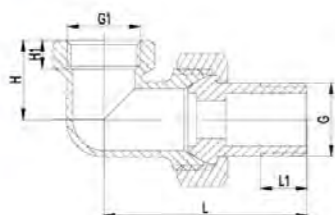
**HS190-015**  
Straight Union With Metal Sealed(MF)/ 内外螺纹连接直通 (硬密封、轻型)



SIZE	G	G1	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8"	3/8"	3/8"	41	9	10.5	10	200	18000
1/2"	1/2"	1/2"	45	10.5	11.5	10	130	11700
3/4"	3/4"	3/4"	50.5	12	13.5	10	80	7200
1"	1"	1"	58	16	16	5	50	4500
1 1/4"	1 1/4"	1 1/4"	66	19	16	5	30	2700
1 1/2"	1 1/2"	1 1/2"	70	19	19	5	20	1800
2"	2"	2"	88	20	23	1	10	900

### HS190-016

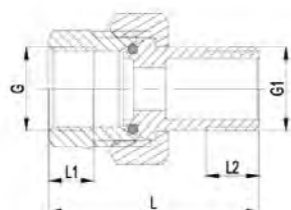
Angle Union With Metal Sealed(MF)/ 内外螺纹连接弯头 (硬密封)



SIZE	G	G1	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8"	3/8"	3/8"	46	10.5	20	8.5	10	140	12600
1/2"	1/2"	1/2"	49	11.5	23.5	10.5	10	100	9000
3/4"	3/4"	3/4"	57.5	13.5	27	12	10	60	5400
1"	1"	1"	69	16	38	13.5	5	30	2700
1 1/4"	1 1/4"	1 1/4"	78	16	39.5	15.5	5	20	1800
1 1/2"	1 1/2"	1 1/2"	86	19	40.5	17.5	5	15	1350
2"	2"	2"	109	23	60	22	1	6	540

### HS190-017

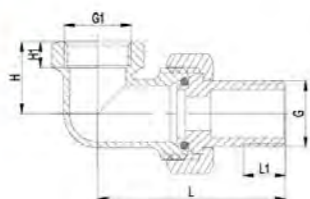
Straight Union With Rubber Sealed(MF)/ 内外螺纹连接直通 (软密封、轻型)



SIZE	G	G1	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8"	3/8"	3/8"	41.5	9	10.5	10	200	18000
1/2"	1/2"	1/2"	45.5	10.5	11.5	10	130	11700
3/4"	3/4"	3/4"	51	12	13.5	10	80	7200
1"	1"	1"	58.5	16	16	5	50	4500
1 1/4"	1 1/4"	1 1/4"	66.5	19	16	5	30	2700
1 1/2"	1 1/2"	1 1/2"	70	19	19	5	20	1800
2"	2"	2"	88	20	23	1	10	900

### HS190-018

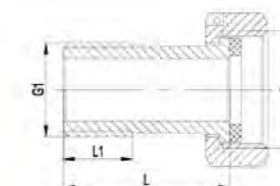
Angle Union With Rubber Sealed(MF)/ 内外螺纹连接弯头 (软密封)



SIZE	G	G1	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8"	3/8"	3/8"	46.5	10.5	20	8.5	10	140	12600
1/2"	1/2"	1/2"	49.5	11.5	23.5	10.5	10	100	9000
3/4"	3/4"	3/4"	58	13.5	27	12	10	60	5400
1"	1"	1"	69.5	16	38	13.5	5	30	2700
1 1/4"	1 1/4"	1 1/4"	78.5	16	39.5	15.5	5	20	1800
1 1/2"	1 1/2"	1 1/2"	86	19	40.5	17.5	5	15	1350
2"	2"	2"	109	23	60	22	1	6	540

### HS190-019

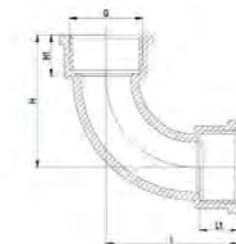
Water Meter/ 水表接头



SIZE	G	G1	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	3/4"	1/2"	26	11	10	120	10800
1/2"MX7/8"F	7/8"	1/2"	26	11	10	100	9000
3/4"	1"	3/4"	35	14	10	70	6300
1"	1 1/4"	1"	57	20	5	45	4050
1 1/4"	1 1/2"	1 1/4"	57.5	21	5	30	2700
1 1/2"	2"	1 1/2"	67	24	5	25	2250
2"	2 1/2"	2"	76	29	1	25	1125

### HS190-020

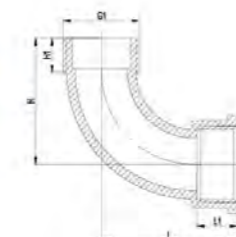
Long Sweep Bend FF/ 内螺纹翻砂弯头



SIZE	G	G1	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	1/2"	1/2"	42	12.5	42	12.5	10	120	10800
3/4"	3/4"	3/4"	47	14	47	14	10	70	6300
1"	1"	1"	61	16	61	16	5	40	3600
1 1/4"	1 1/4"	1 1/4"	72	17	72	17	5	20	1800
1 1/2"	1 1/2"	1 1/2"	83	18	83	18	5	10	900
2"	2"	2"	99	22	99	22	1	17	765

### HS190-021

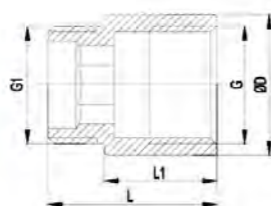
Long Sweep Bend MF/ 内外螺纹翻砂弯头



SIZE	G	G1	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	1/2"	1/2"	42	12.5	38.5	11	10	120	10800
3/4"	3/4"	3/4"	47	14	43.5	12.5	10	70	6300
1"	1"	1"	61	16	57.5	14.5	5	40	3600
1 1/4"	1 1/4"	1 1/4"	72	17	68.5	15.5	5	20	1800
1 1/2"	1 1/2"	1 1/2"	83	18	78	16.5	5	10	900
2"	2"	2"	99	22	92	19.5	1	17	765

### HS190-022

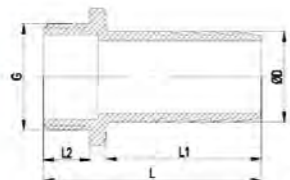
Extensions(MF)/ 内外螺纹延伸管



SIZE	D	G	G1	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8" x 15	20	3/8"	3/8"	24	15	10	450	40500
3/8" x 30	20	3/8"	3/8"	39	30	10	310	27900
3/8" x 50	20	3/8"	3/8"	59	50	5	190	17100
3/8" x 100	20	3/8"	3/8"	109	100	5	90	8100
1/2" x 10	25	1/2"	1/2"	20	10	10	400	36000
1/2" x 15	25	1/2"	1/2"	25	15	10	350	31500
1/2" x 20	25	1/2"	1/2"	30	20	10	300	27000
1/2" x 25	25	1/2"	1/2"	35	25	10	240	21600
1/2" x 30	25	1/2"	1/2"	40	30	10	200	18000
1/2" x 40	25	1/2"	1/2"	50	40	10	160	14400
1/2" x 50	25	1/2"	1/2"	60	50	5	130	11700
1/2" x 60	25	1/2"	1/2"	70	60	5	115	10350
1/2" x 70	25	1/2"	1/2"	80	70	5	100	9000
1/2" x 80	25	1/2"	1/2"	90	80	5	90	8100
1/2" x 90	25	1/2"	1/2"	100	90	5	80	7200
1/2" x 100	25	1/2"	1/2"	110	100	5	70	6300
3/4" x 10	30.5	3/4"	3/4"	22	10	10	260	23400
3/4" x 15	30.5	3/4"	3/4"	27	15	10	220	19800
3/4" x 20	30.5	3/4"	3/4"	32	20	10	170	15300
3/4" x 25	30.5	3/4"	3/4"	37	25	10	160	14400
3/4" x 30	30.5	3/4"	3/4"	42	30	10	140	12600
3/4" x 40	30.5	3/4"	3/4"	52	40	10	120	10800
3/4" x 50	30.5	3/4"	3/4"	62	50	5	90	8100
3/4" x 60	30.5	3/4"	3/4"	72	60	5	80	7200
3/4" x 70	30.5	3/4"	3/4"	82	70	5	80	7200
3/4" x 80	30.5	3/4"	3/4"	92	80	5	70	6300
3/4" x 90	30.5	3/4"	3/4"	102	90	5	60	5400
3/4" x 100	30.5	3/4"	3/4"	112	100	5	50	4500
1" x 10	37.5	1"	1"	23	10	10	180	16200
1" x 15	37.5	1"	1"	28	15	10	160	14400
1" x 20	37.5	1"	1"	33	20	10	120	10800
1" x 25	37.5	1"	1"	38	25	10	110	9900
1" x 30	37.5	1"	1"	43	30	10	100	9000
1" x 40	37.5	1"	1"	53	40	10	80	7200
1" x 50	37.5	1"	1"	63	50	5	70	6300

### HS190-023

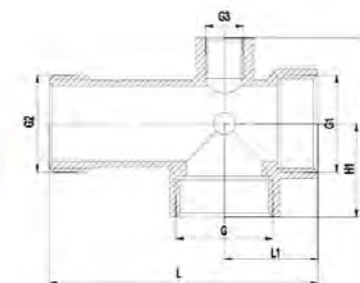
Hose Nipple(M)/ 外螺纹软管接头



SIZE	D	G	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8" x 10mm	10	3/8"	40	27	8.5	10	400	36000
3/8" x 12mm	12	3/8"	41	28.5	8.5	10	400	36000
1/2" x 10mm	10	1/2"	42	27	10.5	10	330	29700
1/2" x 12mm	12	1/2"	43.5	28.5	10.5	10	300	27000
1/2" x 14mm	14	1/2"	47	32	10.5	10	280	25200
1/2" x 16mm	16	1/2"	49	34	10.5	10	240	21600
1/2" x 18mm	18	1/2"	49	34	10.5	10	230	20700
1/2" x 20mm	20	1/2"	53.5	38.5	10.5	10	190	17100
3/4" x 20mm	20	3/4"	54	38.5	11.5	10	140	12600
3/4" x 25mm	25	3/4"	55.5	39	11.5	10	120	10800
1" x 20mm	20	1"	55.5	38.5	12	5	100	9000
1" x 25mm	25	1"	56	39	12	5	100	9000
1" x 27mm	27	1"	56	39	12	5	100	9000
1" x 30mm	30	1"	56	39	12	5	80	7200
1 1/4" x 30mm	30	1 1/4"	61.5	39	16	5	50	4500
1 1/4" x 32mm	32	1 1/4"	61.5	39	16	5	50	4500
1 1/4" x 35mm	35	1 1/4"	66	43.5	16	5	50	4500
1 1/2" x 40mm	40	1 1/2"	72.5	47	19.5	5	30	2700
1 1/2" x 45mm	45	1 1/2"	76	50.5	19.5	5	30	2700
2" x 50mm	50	2"	84	53	24	1	48	2160
2" x 60mm	60	2"	90	59	24	1	33	1485

### HS190-024

Five Wat Tee/ 五通

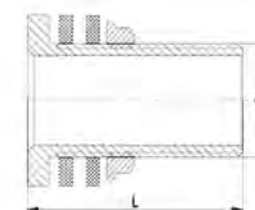


SIZE	G	G1	G2	G3	L
1" x 1" x 1" x 92mm	1"	1"	1"	1/4"	92

L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
32	61.5	32	5	30	2700

### HS190-025

Water Tank Connector/ 水箱



SIZE	G	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8"	3/8"	48	10	180	16200
1/2"	1/2"	50	10	120	10800
3/4"	3/4"	50.5	10	80	7200
1"	1"	54	5	50	4500
1 1/4"	1 1/4"	55.5	5	30	2700
1 1/2"	1 1/2"	64	1	25	2250
2"	2"	74	1	30	1350
2 1/2"	2 1/2"	80.5	1	22	990
3"	3"	99	1	10	450

### HS190-026

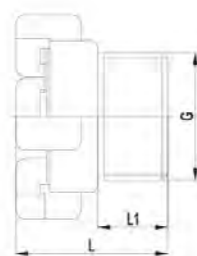
Quick Connector With Hose/ 带软管接头的快速接头



SIZE	D	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20	20	43	29.5	10	10	10
25	25	47.5	30.5	10	10	10
30	30	56.5	37.5	10	10	10
35	35	64	41	5	5	5
40	40	75.5	47	5	5	5
45	45	87.5	59.5	1	1	1
50	50	79	53.5	1	1	1
60	60	89	56.5	1	1	1
70	70	98.5	64	1	1	1

### HS190-027

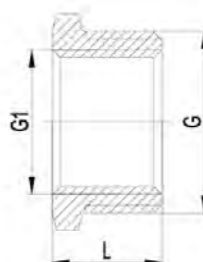
Quick Connector With Male Thread/ 外螺纹快速接头



SIZE	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	1/2"	27	13	10	180	16200
3/4"	3/4"	31.5	14.5	10	110	9900
1"	1"	34	14.5	5	70	6300
1 1/4"	1 1/4"	39.5	16.5	5	35	3150
1 1/2"	1 1/2"	44.5	18	1	22	1980
2"	2"	53.5	21	1	24	1080

### HS190-028

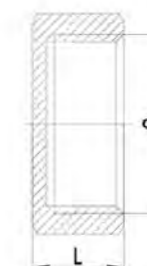
Bushings/ 内外接



SIZE	G	G1	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/4" x 1/8"	1/4"	1/8"	10	25	1200	108000
3/8" x 1/8"	3/8"	1/8"	13	10	1000	90000
3/8" x 1/4"	3/8"	1/4"	13	10	1000	90000
1/2" x 1/8"	1/2"	1/8"	14.5	10	700	63000
1/2" x 1/4"	1/2"	1/4"	14.5	10	700	63000
1/2" x 3/8"	1/2"	3/8"	14.5	10	700	63000
3/4" x 1/4"	3/4"	1/4"	16	10	400	36000
3/4" x 3/8"	3/4"	3/8"	16	10	400	36000
3/4" x 1/2"	3/4"	1/2"	16	10	400	36000
3/4" x 5/8"	3/4"	5/8"	16	10	400	36000
1" x 3/8"	1"	3/8"	17.5	5	200	18000
1" x 1/2"	1"	1/2"	17.5	5	200	18000
1" x 3/4"	1"	3/4"	17.5	5	200	18000
1 1/4" x 1/2"	1 1/4"	1/2"	19.5	5	140	12600
1 1/4" x 3/4"	1 1/4"	3/4"	19.5	5	140	12600
1 1/4" x 1"	1 1/4"	1"	19.5	5	140	12600
1 1/2" x 1/2"	1 1/2"	1/2"	20.5	5	115	10350
1 1/2" x 3/4"	1 1/2"	3/4"	20.5	5	115	10350
1 1/2" x 1"	1 1/2"	1"	20.5	5	115	10350
1 1/2" x 1 1/4"	1 1/2"	1 1/4"	20.5	5	115	10350
2" x 1/2"	2"	1/2"	25.5	1	140	6300
2" x 3/4"	2"	3/4"	25.5	1	140	6300
2" x 1"	2"	1"	25.5	1	140	6300
2" x 1 1/4"	2"	1 1/4"	25.5	1	140	6300
2" x 1 1/2"	2"	1 1/2"	25.5	1	140	6300
2 1/2" x 1 1/4"	2 1/2"	1 1/4"	28	1	90	4050
2 1/2" x 1 1/2"	2 1/2"	1 1/2"	28	1	90	4050
2 1/2" x 2"	2 1/2"	2"	28	1	90	4050
3" x 2"	3"	2"	33	1	56	2520
3" x 2 1/2"	3"	2 1/2"	33	1	56	2520
4" x 2"	4"	2"	44	1	26	1170
4" x 2 1/2"	4"	2 1/2"	44	1	26	1170
4" x 3"	4"	3"	44	1	26	1170

### HS190-029

Cap/ 平底帽



SIZE	G	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/4"	1/4"	10	25	1700	153000
3/8"	3/8"	10.5	10	800	72000
1/2"	1/2"	12	10	670	60300
3/4"	3/4"	13.5	10	380	34200
1"	1"	15	5	200	18000
1 1/4"	1 1/4"	15	5	150	13500
1 1/2"	1 1/2"	16	5	110	9900
2"	2"	19	1	135	6075

### HS190-030

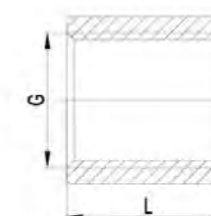
Flanged Plug/ 法兰堵头



SIZE	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/8"	1/8"	14	7	25	1500	135000
1/4"	1/4"	14	7	10	1400	126000
3/8"	3/8"	14	7	10	1000	90000
1/2"	1/2"	17	9	10	700	63000
3/4"	3/4"	19.5	11	10	400	36000
1"	1"	21.5	11.5	5	200	18000
1 1/4"	1 1/4"	25.5	12.5	5	120	10800
1 1/2"	1 1/2"	28.5	13	5	110	9900
2"	2"	34.5	17	1	160	7200
2 1/4"	2 1/4"	36	18.5	1	90	4050
2 1/2"	2 1/2"	39.5	20	1	84	3780
3"	3"	46.5	24	1	56	2520
4"	4"	55.5	28	1	24	1080

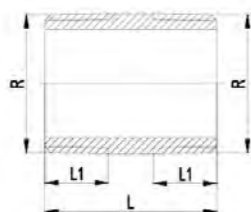
### HS190-031

Sockets/ 内螺纹螺帽



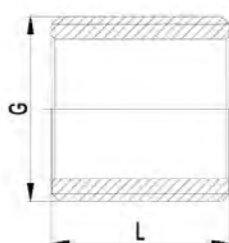
SIZE	G	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/8"	1/8"	14.5	25	1350	121500
1/4"	1/4"	21	25	675	60750
3/8"	3/8"	22	25	425	38250
1/2"	1/2"	25.5	10	260	23400
3/4"	3/4"	28.5	10	150	13500
1"	1"	30	5	90	8100

**HS190-032**  
Spacer Nipple/ 外螺纹锥牙直通



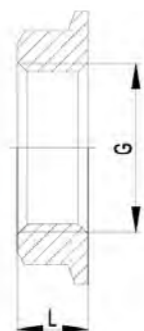
SIZE	R	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/8"	1/8"	23	7	25	1200	108000
1/4"	1/4"	25.5	7.5	25	750	67500
3/8"	3/8"	26.5	9	25	525	47250
1/2"	1/2"	28.5	10	10	340	30600
3/4"	3/4"	32.5	12	10	170	15300
1"	1"	38	15	5	100	9000

**HS190-033**  
Running Nipple/ 外螺纹螺管



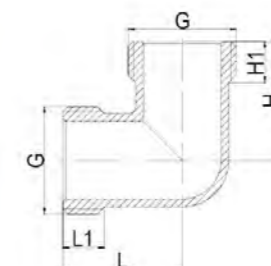
SIZE	G	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/8"	1/8"	15	25	1000	90000
1/4"	1/4"	18	25	800	72000
3/8"	3/8"	21	25	750	67500
1/2"	1/2"	25.5	10	360	32400
3/4"	3/4"	25.5	10	220	19800
1"	1"	30	5	130	11700

**HS190-034**  
Flanged Backnuts/ 法兰螺母



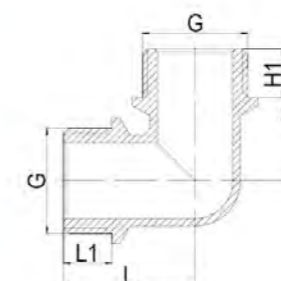
SIZE	G	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/4"	1/4"	6.5	25	1500	135000
3/8"	3/8"	6.5	25	1200	108000
1/2"	1/2"	6.5	10	800	72000
3/4"	3/4"	6.5	10	500	45000
1"	1"	7.5	10	350	31500
1 1/4"	1 1/4"	8	10	100	9000
1 1/2"	1 1/2"	9	10	100	9000
2"	2"	10	5	200	9000
2 1/2"	2 1/2"	11.5	5	100	4500
3"	3"	12	5	75	3375

**HS190-035**  
Equal Elbow(MM)/ 外螺纹等径弯头



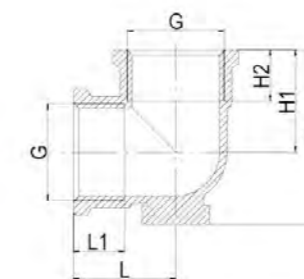
SIZE	G	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8"	3/8"	21	8	21	8	10	480	43200
1/2"	1/2"	23	8	23	8	10	240	21600
3/4"	3/4"	28.5	9	28.5	9	10	120	10800
1"	1"	35	11	35	11	5	75	6750

**HS190-036**  
Equal Elbow(MM)/ 外螺纹带法兰弯头



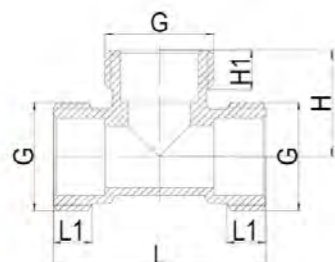
SIZE	G	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	1/2"	26.5	10.5	26.5	10.5	10	200	18000
3/4"	3/4"	32.5	12	32.5	12	10	100	9000
1"	1"	39	14	39	14	5	60	5400

**HS190-037**  
Wallplate Elbow/ 内螺纹墙体阀



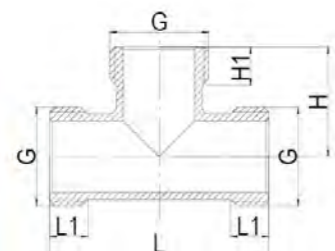
SIZE	G	L	L1	H	H1	H2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	1/2"	22	11	37.5	22	11	10	140	12600

**HS190-038**  
Equal Tee(MMM)/ 外螺纹等径三通 (轻型)



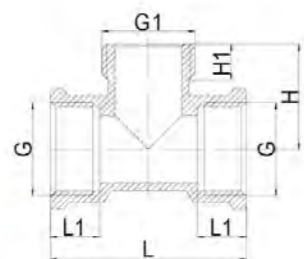
SIZE	G	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8"	3/8"	38	8	19	8	10	300	27000
1/2"	1/2"	42	8	21	8	10	200	18000
3/4"	3/4"	57	9	28.5	9	10	90	8100
1"	1"	70	11	35	11	5	50	4500

**HS190-039**  
Equal Tee(MMM)/ 外螺纹等径三通 (重型)



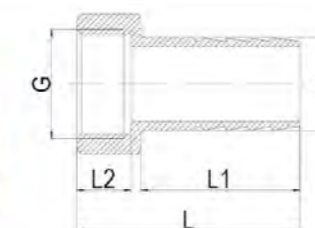
SIZE	G	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8"	3/8"	42	8	21	8	10	300	27000
1/2"	1/2"	46	8	23	8	10	180	16200
3/4"	3/4"	57	9	28.5	9	10	90	8100
1"	1"	70	11	35	11	5	50	4500

**HS190-040**  
Equal Tee(FMF)/ 内外内螺纹等径三通



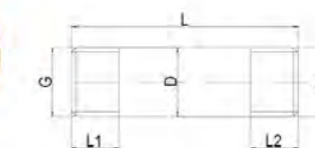
SIZE	G	G1	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	1/2"	1/2"	44	11	23	8	10	130	11700
3/4"	3/4"	3/4"	53	13	28.5	9	10	70	6300
1"	1"	1"	60	14	34	11	5	45	4050

**HS190-041**  
Hose Nipple(F)/ 内螺纹软管接头



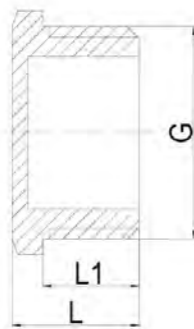
SIZE	D	G	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2" x 10mm	10	1/2"	40	27	11	10	320	28800
1/2" x 12mm	12	1/2"	40	27	11	10	290	26100
1/2" x 14mm	14	1/2"	45	32	11	10	250	22500
1/2" x 16mm	16	1/2"	47	34	11	10	240	21600
1/2" x 18mm	18	1/2"	47	34	11	10	210	18900
1/2" x 20mm	20	1/2"	51.5	38.5	11	10	180	16200
3/4" x 20mm	20	3/4"	54	38.5	13	10	140	12600
3/4" x 25mm	25	3/4"	54	38.5	13	5	120	10800
1" x 25mm	25	1"	56	38.5	14	5	90	8100
1" x 30mm	30	1"	56	38.5	14	5	70	6300

**HS190-042**  
Extensions(MM)/ 外螺纹延伸管



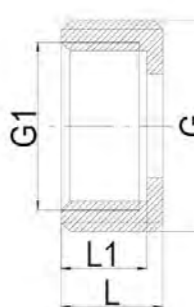
SIZE	D	G	G1	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2" x 50	21.5	1/2"	1/2"	50	15	10	240	21600
1/2" x 60	21.5	1/2"	1/2"	60	15	10	160	14400
1/2" x 70	21.5	1/2"	1/2"	70	15	10	160	14400
1/2" x 80	21.5	1/2"	1/2"	80	15	10	140	12600
1/2" x 100	21.5	1/2"	1/2"	100	15	10	150	13500
1/2" x 150	21.5	1/2"	1/2"	150	15	10	100	9000
1/2" x 200	21.5	1/2"	1/2"	200	15	10	70	6300
1/2" x 250	21.5	1/2"	1/2"	250	15	10	70	6300
3/4" x 50	27	3/4"	3/4"	50	16.5	10	140	12600
3/4" x 70	27	3/4"	3/4"	70	16.5	10	100	9000
3/4" x 80	27	3/4"	3/4"	80	16.5	10	90	8100
3/4" x 100	27	3/4"	3/4"	100	16.5	10	90	8100
3/4" x 150	27	3/4"	3/4"	150	16.5	10	70	6300
3/4" x 175	27	3/4"	3/4"	175	16.5	10	60	5400
3/4" x 200	27	3/4"	3/4"	200	16.5	10	40	3600
3/4" x 250	27	3/4"	3/4"	250	16.5	10	40	3600
1" x 50	34	1"	1"	50	19	5	90	8100
1" x 60	34	1"	1"	60	19	5	80	7200
1" x 70	34	1"	1"	70	19	5	60	5400
1" x 80	34	1"	1"	80	19	5	90	8100
1" x 100	34	1"	1"	100	19	5	60	5400
1" x 150	34	1"	1"	150	19	5	45	4050
1" x 200	34	1"	1"	200	19	5	30	2700
1" x 250	34	1"	1"	250	19	5	30	2700

**HS190-043**  
M Blanking Plug/ 外螺纹六角堵头



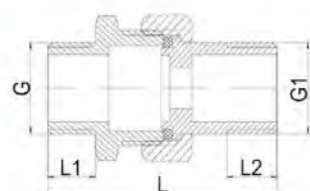
SIZE	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/4"	1/4"	12	8	10	1600	144000
3/8"	3/8"	12	9	10	800	72000
1/2"	1/2"	13.5	10.5	10	550	49500
3/4"	3/4"	15	11	10	350	31500
1"	1"	17	12.5	5	220	19800
1 1/4"	1 1/4"	19	13.5	5	125	11250
1 1/2"	1 1/2"	21.5	15	5	85	7650
2"	2"	24	17	1	140	12600

**HS190-044**  
Red Ring-Int Hex/ 内六角转接头



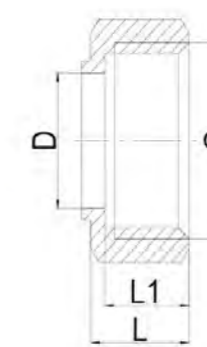
SIZE	G	G1	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"×3/8"	1/2"	3/8"	10	7.5	10	800	72000
3/4"×1/2"	3/4"	1/2"	11	9	10	500	45000

**HS190-045**  
Straight Union With Rubber Sealed(MM)/ 外螺纹连接直通 (软密封)



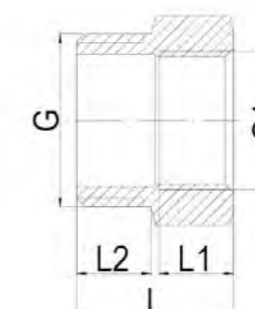
SIZE	G	G1	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	1/2"	1/2"	52.5	11	11.5	10	160	14400
3/4"	3/4"	3/4"	57	12	13.5	10	80	7200
1"	1"	1"	66.5	14	16	5	60	5400

**HS190-046**  
Nut/ 连接帽



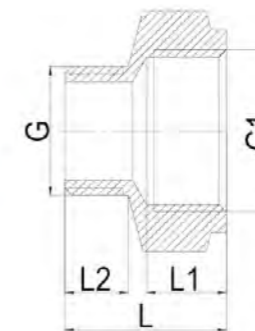
SIZE	D	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
10×3/8"F	10.3	3/8"	9.5	8.5	25	1250	112500
10×1/2"F	10.3	1/2"	10.5	9	25	800	72000
12×3/8"F	12.5	3/8"	9.5	8.5	25	1250	112500
12×1/2"F	12.5	1/2"	10.5	9	25	800	72000
14×3/8"F	14.5	3/8"	9.5	8.5	25	1250	112500
14×1/2"F	14.5	1/2"	10.5	9	25	800	72000
14×3/4"F	14.5	3/4"	12	10	10	480	43200
16×1/2"F	16.5	1/2"	10.5	9	25	800	72000
16×3/4"F	16.5	3/4"	12	10	10	480	43200
18×3/4"F	18.5	3/4"	12	10	10	480	43200

**HS190-047**  
Reducing Nipple(MF) / 内外螺纹异径直通



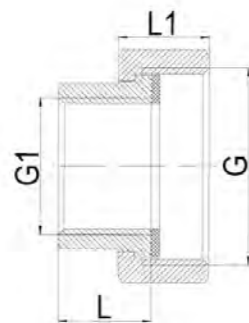
SIZE	G	G1	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8"M×1/4"F	3/8"	1/4"	18.3	9.5	8	10	800	72000
1/2"M×3/8"F	1/2"	3/8"	19	9	9	10	450	40500
3/4"M×3/8"F	3/4"	3/8"	19	9	10	10	320	28800
3/4"M×1/2"F	3/4"	1/2"	19	11	10	10	320	28800
1"M×3/4"F	1"	3/4"	21	12.5	12	10	200	18000
1 1/4"M×1"F	1 1/4"	1"	23	14	14	5	110	9900

**HS190-048**  
Reducing Nipple(MF) / 内外螺纹异径直通



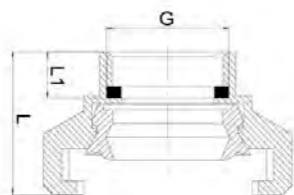
SIZE	G	G1	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8"M×1/2"F	3/8"	1/2"	23	11.5	8.3	10	400	36000
3/8"M×3/4"F	3/8"	3/4"	29.8	13	10.3	10	180	16200
1/2"M×3/4"F	1/2"	3/4"	26.3	13	10.3	10	200	18000
1/2"M×1"F	1/2"	1"	32.3	14.5	10.3	10	110	9900
3/4"M×1"F	3/4"	1"	31.3	14.5	11.8	10	110	9900
1"M×1 1/4"F	1"	1 1/4"	36.3	16.5	13.3	5	65	5850
1 1/4"M×1 1/2"F	1 1/4"	1 1/2"	35.3	16.5	13.3	5	55	4950

**HS190-049**  
Straight Union/ 连接直通 (两体式)



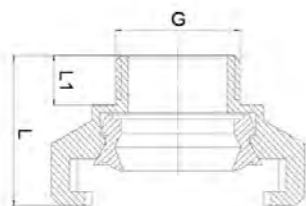
SIZE	G	G1	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1" x 1 1/2"	1 1/2"	1"	22	18	2	80	7200
1 1/4" x 2"	2"	1 1/4"	23	19	2	50	4500

**HS190-050**  
Quick Connector With Female Thread/ 内螺纹快速接头



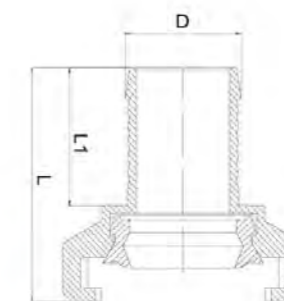
SIZE	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	1/2"	31	10	10	110	9900
3/4"	3/4"	31	10	10	100	9000
1"	1"	33	11.5	5	80	7200
1 1/4"	1 1/4"	36	11.5	5	60	5400
1 1/2"	1 1/2"	38	12.5	5	40	3600

**HS190-051**  
Quick Connector With Male Thread/ 外螺纹快速接头



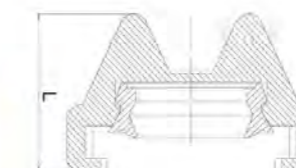
SIZE	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	1/2"	32	10.5	10	110	9900
3/4"	3/4"	32	10.5	10	100	9000
1"	1"	32.5	11	5	80	7200
1 1/4"	1 1/4"	37	15	5	60	5400
1 1/2"	1 1/2"	37	15	5	40	3600

**HS190-052**  
Quick Connector With Hose/ 带软管接头的快速接头



SIZE	D	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
13	13	48.5	27	10	100	9000
16	16	48.5	27	10	100	9000
19	19	52.5	31	10	80	7200
22	22	52.5	31	10	70	6300
25	25	52.5	31	10	70	6300
32	32	66.5	44.5	5	50	4500
38	38	73	51	5	40	3600

**HS190-053**  
Quick Connector With End/ 快速接头堵头

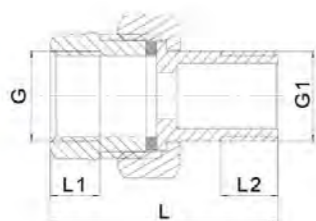


SIZE	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
	34.5	10	120	10800



### HS190-054

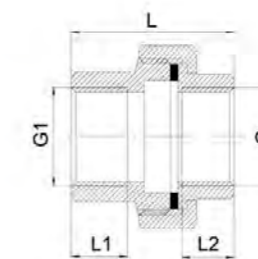
Straight Union With PTFE Sealed(MF)/ 内外螺纹连接直通 (PTFE 密封)



SIZE	G	G1	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	1/2"	1/2"	46	10.5	11.5	10	130	11700
3/4"	3/4"	3/4"	51	13	13.5	10	80	7200
1"	1"	1"	59	16	16	5	50	4500
1 1/4"	1 1/4"	1 1/4"	65	19	16	5	30	2700
1 1/2"	1 1/2"	1 1/2"	67	16.5	20	5	20	1800
2"	2"	2"	70.5	17.5	20	1	13	1170

### HS190-056

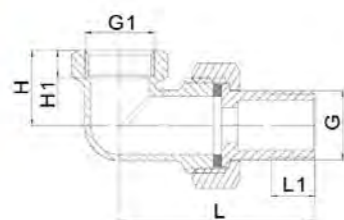
Straight Union With PTFE Sealed(FF)/ 内螺纹连接直通 (PTFE 密封)



SIZE	G	G1	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	1/2"	1/2"	40	12	13.5	10	140	12600
3/4"	3/4"	3/4"	43.5	15	14	10	80	7200
1"	1"	1"	47.5	17	17	5	60	5400
1 1/4"	1 1/4"	1 1/4"	58	19	20.5	5	30	2700
1 1/2"	1 1/2"	1 1/2"	59	21	19	5	25	2250
2"	2"	2"	73.5	24.5	24.5	1	30	1350

### HS190-055

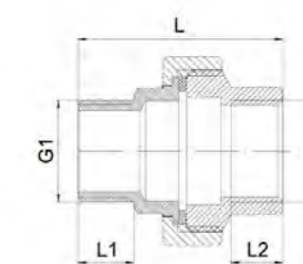
Angle Union With PTFE Sealed(MF)/ 内外螺纹连接弯头 (PTFE 密封)



SIZE	G	G1	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	1/2"	1/2"	50	11.5	23.5	10.5	10	100	9000
3/4"	3/4"	3/4"	58	13.5	27	12	10	60	5400
1"	1"	1"	71	16	38	13.5	5	30	2700
1 1/4"	1 1/4"	1 1/4"	77.5	16	37.5	16	5	20	1800
1 1/2"	1 1/2"	1 1/2"	84	20	40.5	16	5	15	1350
2"	2"	2"	92	20	50.5	20	1	6	540

### HS190-057

Straight Union With PTFE Sealed(MF)/ 内外螺纹连接直通 (PTFE 密封)



SIZE	G	G1	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	1/2"	1/2"	47.5	13	12	10	120	10800
3/4"	3/4"	3/4"	55	14.5	15	10	70	6300
1"	1"	1"	62	17	17	5	45	4050
1 1/4"	1 1/4"	1 1/4"	66.5	17.5	19	5	30	2700
1 1/2"	1 1/2"	1 1/2"	76.5	19.5	21	5	20	1800
2"	2"	2"	91	24	24.5	1	24	1080

## HS200 SERIES



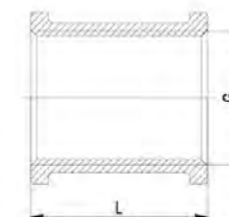
### Technical Points:

1. Body in brass by hot forging.
2. Manufactured according to EN1254-4.
3. Fastening threads according to ISO 228/1.
4. Polishing and chromeplated.

### 技术要点:

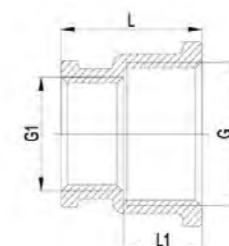
1. 本体黄铜锻造
2. 生产标准: EN1254-4
3. 外配螺纹标准: ISO228/1
4. 抛光镀铬

### HS200-001 Equal Straight/ 内螺纹等径直通



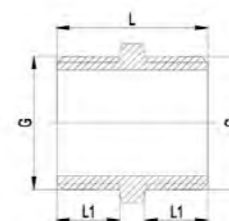
SIZE	G	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8"	3/8"	25	1	300	19200
1/2"	1/2"	30	1	250	16000
3/4"	3/4"	34	1	140	8960

### HS200-002 Reducing Straight/ 内螺纹异径直通



SIZE	G	G1	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2" x 3/8"	1/2"	3/8"	21.5	13	1	350	22400
3/4" x 1/2"	3/4"	1/2"	26	14.5	1	200	12800

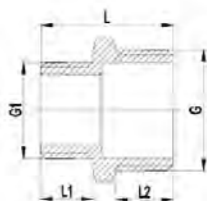
### HS200-003 Equal Nipple/ 外螺纹等径直通



SIZE	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8"	3/8"	22.5	9	1	350	22400
1/2"	1/2"	25.5	10.5	1	300	19200
3/4"	3/4"	29	12	1	220	14080

### HS200-004

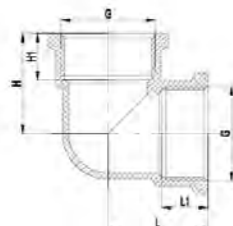
Reducing Nipple/ 外螺纹异径直通



SIZE	G	G1	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2" x 1/4"	1/2"	1/4"	23	7.5	11	1	350	22400
1/2" x 3/8"	1/2"	3/8"	24.5	9	10	1	350	22400
3/4" x 1/2"	3/4"	1/2"	29	11.5	12.5	1	250	16000

### HS200-005

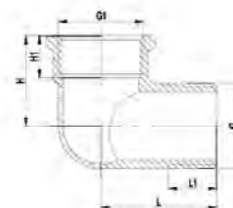
Equal Elbow/ 内螺纹等径弯头



SIZE	G	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8"	3/8"	17.5	8.5	17.5	8.5	1	350	22400
1/2"	1/2"	22	11	22	11	1	250	16000
3/4"	3/4"	28	13.5	28	13.5	1	110	7040

### HS200-006

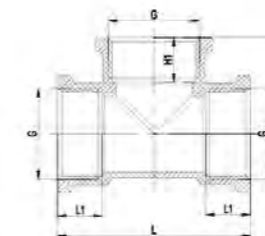
Equal Elbow(MF)/ 内、外螺纹等径弯头



SIZE	G	G1	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8"	3/8"	3/8"	24.5	9	17	8.5	1	350	22400
1/2"	1/2"	1/2"	29	10.5	22	11	1	250	16000
3/4"	3/4"	3/4"	33.5	12.5	28	13	1	110	7040

### HS200-007

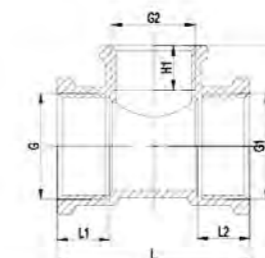
Equal Tee/ 内螺纹等径三通



SIZE	G	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
3/8"	3/8"	35	8.5	17.5	8.5	1	225	14400
1/2"	1/2"	44	11	22	11	1	150	9600
3/4"	3/4"	56	13.5	28	13.5	1	80	5120

### HS200-008

Reducing Tee/ 内螺纹异径三通

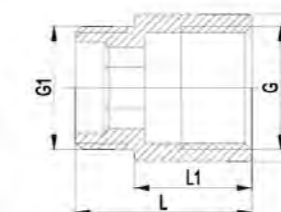


SIZE	G	G1	G2	L	L1
3/4" x 1/2" x 3/4"	3/4"	3/4"	1/2"	48	13

L2	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
13	25	11	1	100	6400

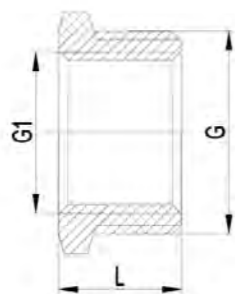
### HS200-009

Extensions (MF) / 内、外螺纹延伸管



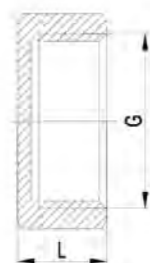
SIZE	D	G	G1	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2" x 10	25	1/2"	1/2"	20	10	1	275	24750
1/2" x 15	25	1/2"	1/2"	25	15	1	225	20250
1/2" x 20	25	1/2"	1/2"	30	20	1	225	20250
1/2" x 25	25	1/2"	1/2"	35	25	1	200	18000
1/2" x 30	25	1/2"	1/2"	40	30	1	160	14400
1/2" x 40	25	1/2"	1/2"	50	40	1	140	12600
1/2" x 50	25	1/2"	1/2"	60	50	1	120	10800
1/2" x 60	25	1/2"	1/2"	70	60	1	100	9000
1/2" x 70	25	1/2"	1/2"	80	70	1	95	8550
1/2" x 80	25	1/2"	1/2"	90	80	1	85	7650
1/2" x 90	25	1/2"	1/2"	100	90	1	90	8100
1/2" x 100	25	1/2"	1/2"	110	100	1	95	8550
3/4" x 10	30.5	3/4"	3/4"	22	10	1	225	20250
3/4" x 15	30.5	3/4"	3/4"	27	15	1	200	18000
3/4" x 20	30.5	3/4"	3/4"	32	20	1	175	15750
3/4" x 25	30.5	3/4"	3/4"	37	25	1	150	13500
3/4" x 30	30.5	3/4"	3/4"	42	30	1	110	9900
3/4" x 40	30.5	3/4"	3/4"	52	40	1	100	9000
3/4" x 50	30.5	3/4"	3/4"	62	50	1	85	7650
3/4" x 60	30.5	3/4"	3/4"	72	60	1	80	7200
3/4" x 70	30.5	3/4"	3/4"	82	70	1	75	6750
3/4" x 80	30.5	3/4"	3/4"	92	80	1	65	5850
3/4" x 90	30.5	3/4"	3/4"	102	90	1	50	4500
3/4" x 100	30.5	3/4"	3/4"	112	100	1	40	3600
1" x 10	37.5	1"	1"	23	10	1	150	13500
1" x 15	37.5	1"	1"	28	15	1	120	10800
1" x 20	37.5	1"	1"	33	20	1	100	9000
1" x 25	37.5	1"	1"	38	25	1	80	7200
1" x 30	37.5	1"	1"	43	30	1	80	7200
1" x 40	37.5	1"	1"	53	40	1	70	6300
1" x 50	37.5	1"	1"	63	50	1	60	5400

**HS200-010**  
Bushings/ 内外接



SIZE	G	G1	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2" x 1/4"	1/2"	1/4"	14.5	1	350	22400
1/2" x 3/8"	1/2"	3/8"	14.5	1	350	22400
3/4" x 1/2"	3/4"	1/2"	16	1	260	16640

**HS200-011**  
Cap/ 平底帽



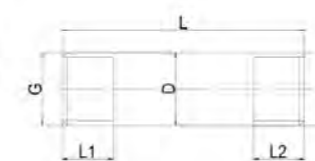
SIZE	G	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	1/2"	12	1	400	25200
3/4"	3/4"	13.5	1	250	17100

**HS200-012**  
Flanged Plug/ 法兰堵头



SIZE	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2"	1/2"	17	9	1	280	25200
3/4"	3/4"	19.5	11	1	190	17100

**HS200-013**  
Extensions (MM) / 外螺纹延伸管



SIZE	D	G	G1	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1/2" x 50	21.5	1/2"	1/2"	50	15	1	180	16200
1/2" x 60	21.5	1/2"	1/2"	60	15	1	160	14400
1/2" x 70	21.5	1/2"	1/2"	70	15	1	140	12600
1/2" x 80	21.5	1/2"	1/2"	80	15	1	130	11700
1/2" x 100	21.5	1/2"	1/2"	100	15	1	120	10800
1/2" x 150	21.5	1/2"	1/2"	150	15	1	80	7200
1/2" x 200	21.5	1/2"	1/2"	200	15	1	60	5400
1/2" x 250	21.5	1/2"	1/2"	250	15	1	60	5400
3/4" x 50	27	3/4"	3/4"	50	16.5	1	150	13500
3/4" x 70	27	3/4"	3/4"	70	16.5	1	120	10800
3/4" x 80	27	3/4"	3/4"	80	16.5	1	100	9000
3/4" x 100	27	3/4"	3/4"	100	16.5	1	80	7200
3/4" x 150	27	3/4"	3/4"	150	16.5	1	60	5400
3/4" x 175	27	3/4"	3/4"	175	16.5	1	60	5400
3/4" x 200	27	3/4"	3/4"	200	16.5	1	40	3600
3/4" x 250	27	3/4"	3/4"	250	16.5	1	30	2700
1" x 50	34	1"	1"	50	19	1	85	7650
1" x 60	34	1"	1"	60	19	1	85	7650
1" x 70	34	1"	1"	70	19	1	70	6300
1" x 80	34	1"	1"	80	19	1	60	5400
1" x 100	34	1"	1"	100	19	1	50	4500
1" x 150	34	1"	1"	150	19	1	40	3600
1" x 200	34	1"	1"	200	19	1	30	2700
1" x 250	34	1"	1"	250	19	1	30	2700



### **HS210**

Brass Compression Fittings For PEX-AL-PEX Pipe  
配铝塑复合管，以卡套连接为端口的管件



### **HS220**

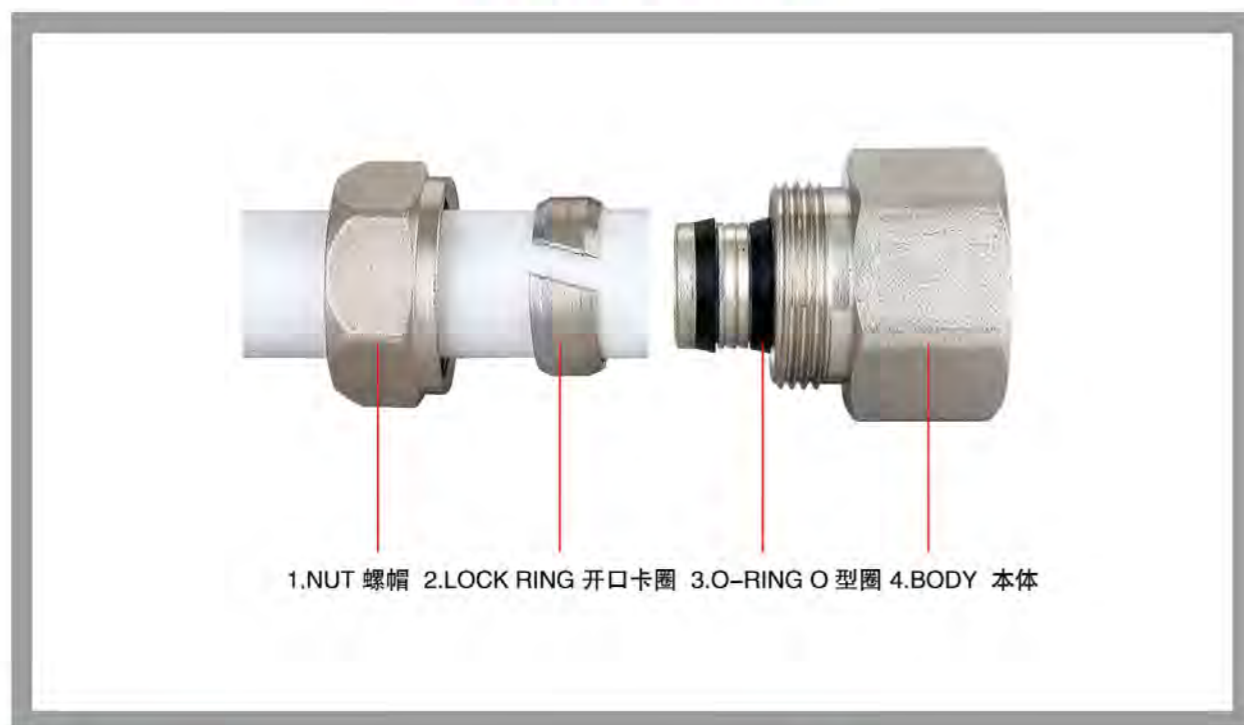
Brass Press Fittings For PEX-AL-PEX Pipe  
配铝塑复合管，以卡压连接为端口的管件



### **HS230**

Brass Compression Fittings For PEX Pipe  
配 PEX 管，以卡套连接为端口的管件

## HS210 SERIES



1.NUT 螺帽 2.LOCK RING 开口卡圈 3.O-RING O型圈 4.BODY 本体

### Technical Points:

- 1.Nut:Brass nickel plated by hot forging.
- 2.Lock Ring:Brass nickel plated
- 3.O-ring:EPDM.
- 4.Body:Brass nickel plated by hot forging.

### 技术要点:

- 1.螺帽:黄铜锻造, 镀镍
- 2.开口卡圈:黄铜, 镀镍
- 3.O型圈:EPDM
- 4.本体:黄铜锻造, 镀镍

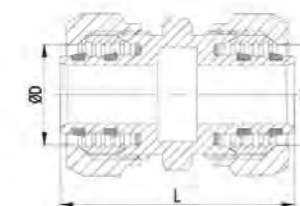
### Assembling Instructions

- 1.Cut the pex-al-pex pipe perpendicular to its axis using appropriate tools,remove any trimming carefully.
- 2.Fit the nut on the pipe.
- 3.Fit the ring on the pipe.
- 4.Before fitting the pipe,lubricate the o-rings in order to guarantee the best elasticity.
- 5.Fit the pipe on the body up to the meccanical stop then fit the pipe and the insert on the fitting always up the stop end.
- 6.Tighten the nut by hand till it is possible then using the tool tighten the nut following the table valve indicated.

### 组装说明:

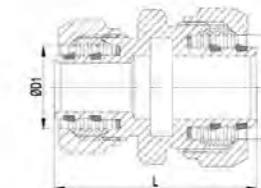
- 1.用合适的工具割断 PEX-AL-PEX 管, 去除所有毛刺。
- 2.将螺帽套在 PEX-AL-PEX 管上。
- 3.开口卡圈套在 PEX-AL-PEX 管上。
- 4.将 O 型圈套在本体上。
- 5.将 PEX-AL-PEX 管插入本体。
- 6.用手拧紧螺帽, 直到手拧不动为止, 再用工具拧紧螺帽。

### HS210-001 Equal Straight/ 等径直通 C x C



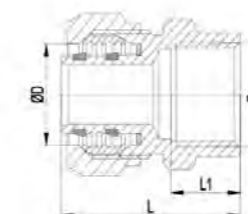
SIZE	D	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16x16	16.4	46.5	1	300	10800
20x20	20.4	47.5	1	240	8640
25x25	25.4	51.5	1	160	5760

### HS210-002 Reducing Straight/ 异径直通 C x C



SIZE	D	D1	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x16	20.4	16.4	47.5	1	240	8640
25x16	25.4	16.4	50	1	160	5760
25x20	25.4	20.4	50	1	160	5760
32x20	32.4	20.4	52.5	1	112	4032
32x25	32.4	25.4	54	1	112	4032

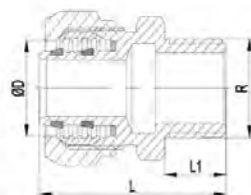
### HS210-003 Female Straight/ 内螺纹直通 C x FI



SIZE	D	Rp	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x1/2"F	20.4	1/2"	36	14	1	288	10368
20x3/4"F	20.4	3/4"	39.5	16.5	1	240	8640
25x1"F	25.4	1"	44	19	1	128	4608
32x1"F	32.4	1"	45.5	19	1	112	4032
32x1 1/4"F	32.4	1 1/4"	49.5	22	1	64	2304

### HS210-004

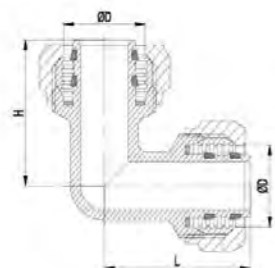
Male Straight/ 外螺纹直通 C × MI



SIZE	D	R	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16×1/2"M	16.4	1/2"	39.5	13	1	448	16128
20×1/2"M	20.4	1/2"	39.5	13	1	288	10368
20×3/4"M	20.4	3/4"	40.5	14	1	256	9216
25×3/4"M	25.4	3/4"	43.5	14	1	160	5760
25×1"M	25.4	1"	47	17	1	128	4608
32×1"M	32.4	1"	48.5	17	1	112	4032
32×1 1/4"M	32.4	1 1/4"	51	19.5	1	80	2880

### HS210-005

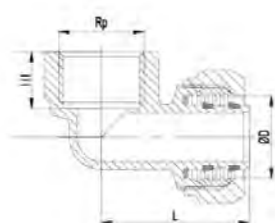
Equal Elbow/ 等径弯头 C × C



SIZE	D	L	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16×16	16.4	34	34	1	256	9216
20×20	20.4	36.5	36.5	1	176	6336
25×25	25.4	43	43	1	112	4032
32×32	32.4	46	46	1	64	2304

### HS210-006

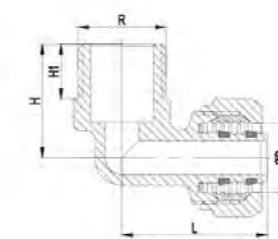
Female Elbow/ 内螺纹弯头 C × FI



SIZE	D	Rp	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16×1/2"F	16.4	1/2"	35.5	21	14	1	256	9216
20×1/2"F	20.4	1/2"	36.5	21	14	1	224	8064
20×3/4"F	20.4	3/4"	39.5	24	16.5	1	192	6912
25×3/4"F	25.4	3/4"	42	26	16.5	1	128	4608
25×1"F	25.4	1"	44.5	28	19	1	80	2880
32×1"F	32.4	1"	47.5	30.5	19	1	80	2880

### HS210-007

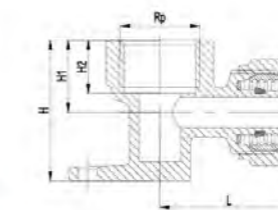
Male Elbow/ 外螺纹弯头 C × MI



SIZE	D	R	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16×1/2"M	16.4	1/2"	34.5	27	13	1	256	9216
25×1"M	25.4	1"	43	37.5	17	1	128	4608
32×1"M	32.4	1"	46.5	40	17	1	80	2880

### HS210-008

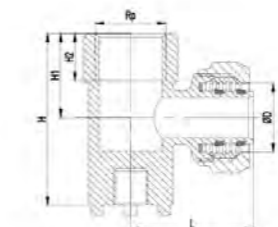
Wallplate Elbow/ 内螺纹墙体阀 C × FI



SIZE	D	Rp	L	H	H1	H2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16×1/2"F	16.4	1/2"	35.5	37	19	14	1	128	4608
16×3/4"F	16.4	3/4"	38.5	39.5	21.5	16.5	1	96	3456
20×1/2"F	20.4	1/2"	36.5	39	21	14	1	96	3456

### HS210-009

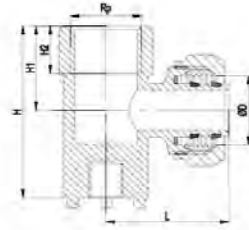
Wallplate Elbow/ 内螺纹墙体阀 C × FI



SIZE	D	Rp	L	H	H1	H2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16×1/2"F	16.4	1/2"	35.5	47	24	14	1	128	4608
20×1/2"F	20.4	1/2"	36.5	51	25	14	1	128	4608

### HS210-010

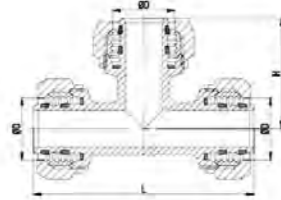
HS210-010 Wallplate Elbow/ 内螺纹墙体阀 C×C×FI



SIZE	D	Rp	L	H	H1	H2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16×1/2"×16	16.4	1/2"	35.5	47	24	14	1	96	3456
20×1/2"×20	20.4	1/2"	36.5	51	25	14	1	96	3456

### HS210-011

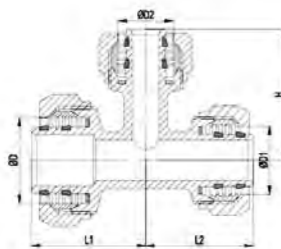
Equal Tee/ 等径三通 C×C×C



SIZE	D	L	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16×16×16	16.4	38	34	1	144	5184
20×20×20	20.4	72	36	1	112	4032
25×25×25	25.4	80	40	1	80	2880
32×32×32	32.4	92	46	1	32	1152

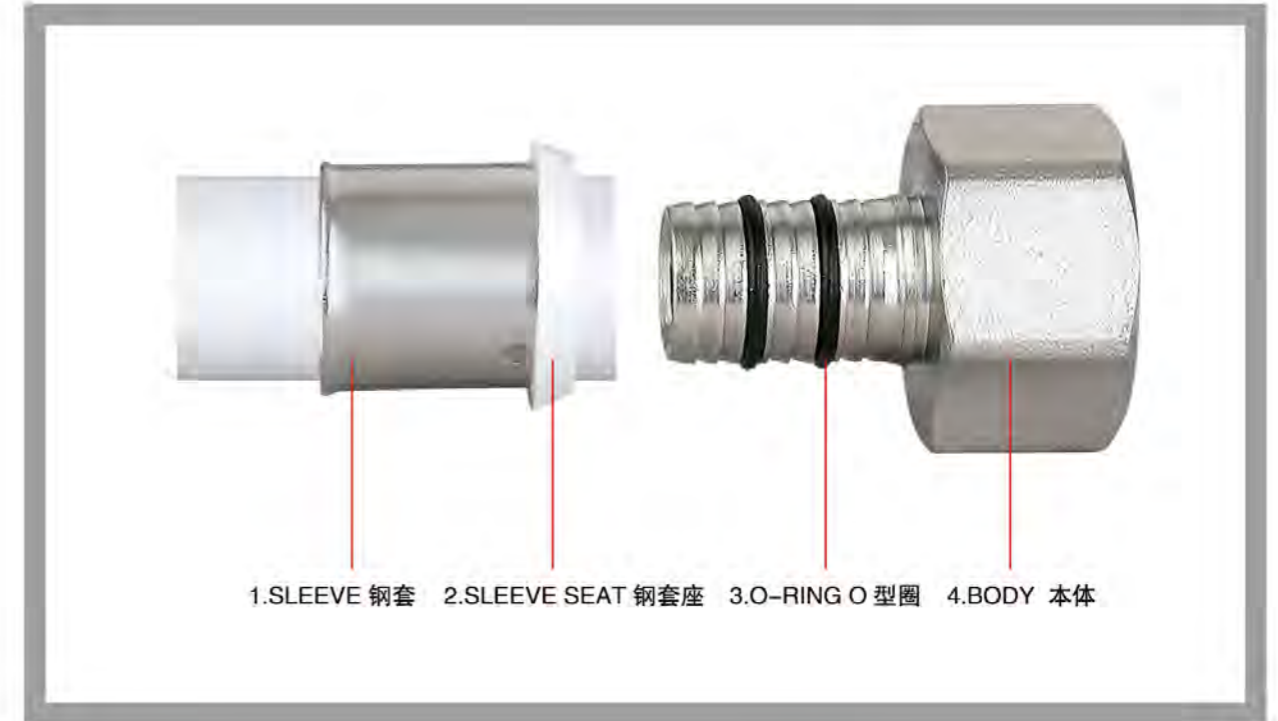
### HS210-012

Reducing Tee/ 异径三通 C×C×C



SIZE	D	D1	D2	L1	L2	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20×16×16	20.4	16.4	16.4	32	30	36	1	96	3456
20×16×20	20.4	20.4	16.4	32	32	36	1	96	3456
20×20×16	20.4	16.4	20.4	36	33	36	1	96	3456
20×25×20	20.4	20.4	25.4	39.5	39.5	36	1	96	3456
25×16×16	25.4	16.4	16.4	34	30	39	1	96	3456
25×16×20	25.4	20.4	16.4	34	32	39	1	96	3456
25×16×25	25.4	25.4	16.4	34	34	39	1	96	3456
25×20×16	25.4	16.4	20.4	36	33	39.5	1	80	2880
25×20×20	25.4	20.4	20.4	36	34	39.5	1	80	2880
25×20×25	25.4	25.4	20.4	36	36	39.5	1	80	2880
25×32×25	25.4	25.4	32.4	44.5	44.5	42	1	64	2304
32×16×25	32.4	25.4	16.4	37	34	43	1	48	1728
32×16×32	32.4	32.4	16.4	37	37	43	1	48	1728
32×20×20	32.4	20.4	20.4	39	34	43.5	1	48	1728
32×20×25	32.4	25.4	20.4	39	35	43.5	1	48	1728
32×20×32	32.4	32.4	20.4	39	39	43.5	1	48	1728
32×25×25	32.4	25.4	25.4	42	37	44.5	1	48	1728
32×25×32	32.4	32.4	25.4	42	42	44.5	1	48	1728

## HS220 SERIES



1.SLEEVE 钢套 2.SLEEVE SEAT 钢套座 3.O-RING O型圈 4.BODY 本体

#### Technical Points:

- 1.Sleeve:Stainless steel.
- 2.Sleeve seat:Polypropylene.
- 3.O-ring:EPDM.
- 4.Body:Brass nickel plated by hot forging.

#### 技术要点:

1. 钢套: 不锈钢
2. 钢套座: 塑料
3. O型圈: EPDM
4. 本体: 黄铜锻造, 镀镍

#### Assmbling Instructions

- 1.Cut the pipe with the suitable cutter and make sure cutting in the perpendicular direction.
- 2.Deburr the pipe end with the calibrating tool.
- 3.Insert the pipe fully into the fitting ,check the availability visually from the inspection window.
- 4.Put the fitting, to ensure the pressing jaw against completely with the plastic collar.
- 5.Pressing the fitting in a regular power,then done.

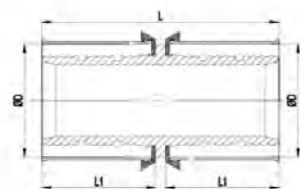
#### 组装说明:

1. 按实际需要, 将管材切断, 并尽量保持切面与切管器垂直。
2. 使用撑管器将管材断面修复, 使其光滑平整。
3. 将管材直接完全插入管件内, 并通过观察孔检查。
4. 将管件放入卡压工具内, 保证夹头与定位圈充分相抵。
5. 均匀用力, 闭合卡压工具, 完成压接。



### HS220-001

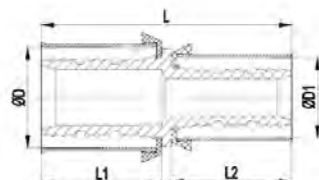
Equal Straight/ 等径直通 C x C



SIZE	D	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16x16	16.4	51	24.5	1	256	9216
20x20	20.4	51	24.5	1	192	6912
25x25	25.4	67	32.5	1	128	4608
32x32	32.4	68	32.5	1	80	2880

### HS220-002

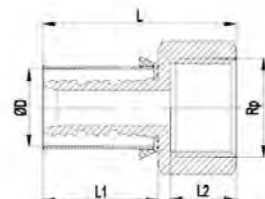
Reducing Straight/ 异径直通 C x C



SIZE	D	D1	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
20x16	20.4	16.4	51	24.5	24.5	1	240	8640
25x16	25.4	16.4	59	32.5	24.5	1	240	8640
25x20	25.4	20.4	59	32.5	24.5	1	160	5760
32x20	32.4	20.4	59	32.5	24.5	1	128	4608
32x25	32.4	25.4	67	32.5	32.5	1	94	3384
40x25	40.4	25.4	76.5	41	32.5	1	64	2304

### HS220-003

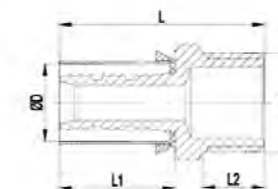
Female Straight/ 内螺纹直通 C x FI



SIZE	D	Rp	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16x1/2"F	16.4	1/2"	41	24.5	14	1	192	6912
20x1/2"F	20.4	1/2"	41	24.5	14	1	192	6912
20x3/4"F	20.4	3/4"	43.5	24.5	16.5	1	160	5760
25x1"F	25.4	1"	54.5	32.5	19	1	128	4608
32x1"F	32.4	1"	54.5	32.5	19	1	128	4608
40x1 1/4"F	40.4	1 1/4"	67	41	22	1	64	2304
40x1 1/2"F	40.4	1 1/2"	67	41	22	1	48	1728

### HS220-004

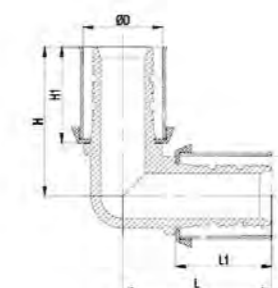
Male Straight/ 外螺纹直通 C x MI



SIZE	D	R	L	L1	L2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16x1/2"M	16.2	1/2"	43.5	24.5	13	1	288	10368
20x1/2"M	16.2	1/2"	43.5	24.5	13	1	240	8640
20x3/4"M	18.2	3/4"	46	24.5	14.5	1	160	5760
25x1"M	20.2	1"	57.5	32.5	17	1	96	3456
32x1"M	20.2	1"	57.5	32.5	17	1	128	4608
40x1 1/2"M	25.2	1 1/2"	70	41	19	1	64	2304

### HS220-005

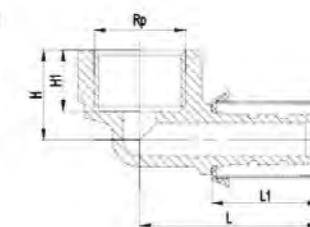
Equal Elbow/ 等径弯头 C x C



SIZE	D	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16x16	16.2	34.5	24.5	34.5	24.5	1	176	6336
20x20	20.2	38	24.5	38	24.5	1	144	5184
25x25	25.2	48	32.5	48	32.5	1	96	3456
32x32	32.2	52.5	32.5	52.5	32.5	1	48	1728

### HS220-006

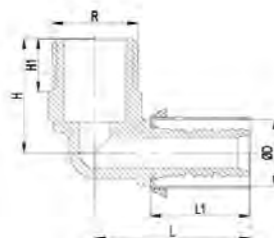
Female Elbow/ 内螺纹弯头 C x FI



SIZE	D	Rp	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16x1/2"F	16.4	1/2"	40.5	24.5	20.5	14	1	240	8640
20x1/2"F	20.4	1/2"	40.5	24.5	22	14	1	144	5184
20x3/4"F	20.4	3/4"	43.5	24.5	24.5	16.5	1	144	5184
25x3/4"F	25.4	3/4"	51.5	32.5	26	16.5	1	128	4608
25x1"F	25.4	1"	55	28	24.5	19	1	96	3456
32x1"F	32.4	1"	55	31	25.5	19	1	64	2304

### HS220-007

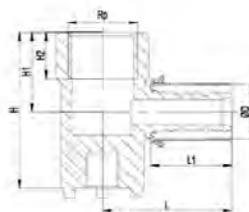
Male Elbow/ 外螺纹弯头 C x MI



SIZE	D	R	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16x1/2"M	16.4	1/2"	38	24.5	28	13	1	160	5760
20x1/2"M	20.4	1/2"	38	24.5	28	13	1	144	5184
25x1"M	25.4	1"	52.5	32.5	38	17	1	80	2880
32x1"M	32.4	1"	52.5	32.5	41	17	1	64	2304

### HS220-008

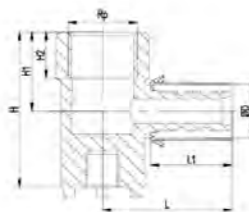
Wallplate Elbow/ 内螺纹墙体阀 C x FI



SIZE	D	Rp	L	L1	H	H1	H2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16x1/2"F	16.4	1/2"	39	24.5	47	24	14	1	128	4608
20x1/2"F	20.4	1/2"	39	24.5	51	25	14	1	128	4608

### HS220-009

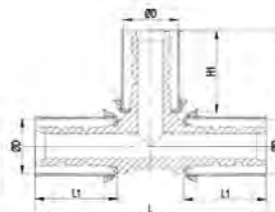
Wallplate Elbow/ 内螺纹墙体阀 C x C x FI



SIZE	D	Rp	L	L1	H	H1	H2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16x1/2"Fx16	16.4	1/2"	39	24.5	47	24	14	1	96	3456
20x1/2"Fx20	20.4	1/2"	39	24.5	51	25	14	1	96	3456

### HS220-010

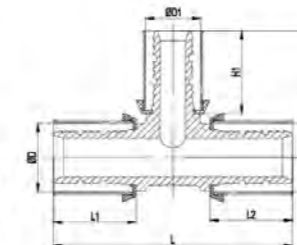
Equal Tee/ 等径三通 C x C x C



SIZE	D	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16x16x16	16.4	69	24.5	34.5	24.5	1	128	4608
20x20x20	20.4	76	24.5	38	24.5	1	96	3456
25x25x25	25.4	94	32.5	47	32.5	1	48	1728
32x32x32	32.4	104	32.5	50.5	32.5	1	32	1152

### HS220-011

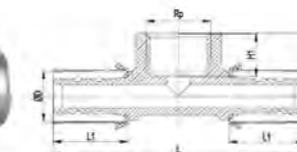
Reducing Tee/ 异径三通 C x C x C



SIZE	D	D1	D2	L	L1	L2	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16x20x16	16.4	20.4	16.4	73	24.5	24.5	34.5	24.5	1	96	3456
20x16x16	20.4	16.4	16.4	73	24.5	24.5	37.5	24.5	1	96	3456
20x16x20	20.4	16.4	20.4	71	24.5	24.5	37.5	24.5	1	96	3456
20x25x16	20.4	25.4	16.4	78	24.5	24.5	44.5	32.5	1	96	3456
25x16x16	25.4	16.4	16.4	82.5	32.5	24.5	39	24.5	1	96	3456
25x16x25	25.4	16.4	25.4	87	32.5	32.5	39	24.5	1	96	3456
25x20x16	25.4	20.4	16.4	81	32.5	24.5	39	24.5	1	96	3456
25x20x20	25.4	20.4	20.4	81	32.5	24.5	39	24.5	1	96	3456
25x20x25	25.4	20.4	25.4	89	32.5	32.5	39	24.5	1	96	3456
25x32x20	25.4	32.4	20.4	94	32.5	24.5	47	32.5	1	48	1728
25x32x25	25.4	32.4	25.4	101	32.5	32.5	47	32.5	1	48	1728
32x16x25	32.4	16.4	25.4	93	32.5	32.5	43.5	24.5	1	48	1728
32x16x32	32.4	16.4	32.4	91	32.5	32.5	43.5	24.5	1	48	1728
32x20x20	32.4	20.4	20.4	84	32.5	24.5	42.5	24.5	1	64	2304
32x20x25	32.4	20.4	25.4	92	32.5	32.5	42.5	24.5	1	32	1152
32x20x32	32.4	20.4	32.4	91	32.5	32.5	43.5	24.5	1	32	1152
32x25x16	32.4	25.4	16.4	86	32.5	24.5	50.5	32.5	1	32	1152
32x25x20	32.4	25.4	20.4	86	32.5	24.5	50.5	32.5	1	48	1152
32x25x25	32.4	25.4	25.4	94	32.5	32.5	50.5	32.5	1	32	1152
32x25x32	32.4	25.4	32.4	94	32.5	32.5	50.5	32.5	1	32	1152
40x20x25	40.4	20.4	25.4	99.5	41	32.5	47.5	24.5	1	32	1152
40x20x32	40.4	20.4	32.4	99.5	41	32.5	47.5	24.5	1	32	1152
40x20x40	40.4	20.4	40.4	108	41	41	47.5	24.5	1	32	1152
40x25x20	40.4	25.4	20.4	94.5	41	24.5	54.5	32.5	1	32	1152
40x25x32	40.4	25.4	32.4	102.5	41	32.5	54.5	32.5	1	32	1152

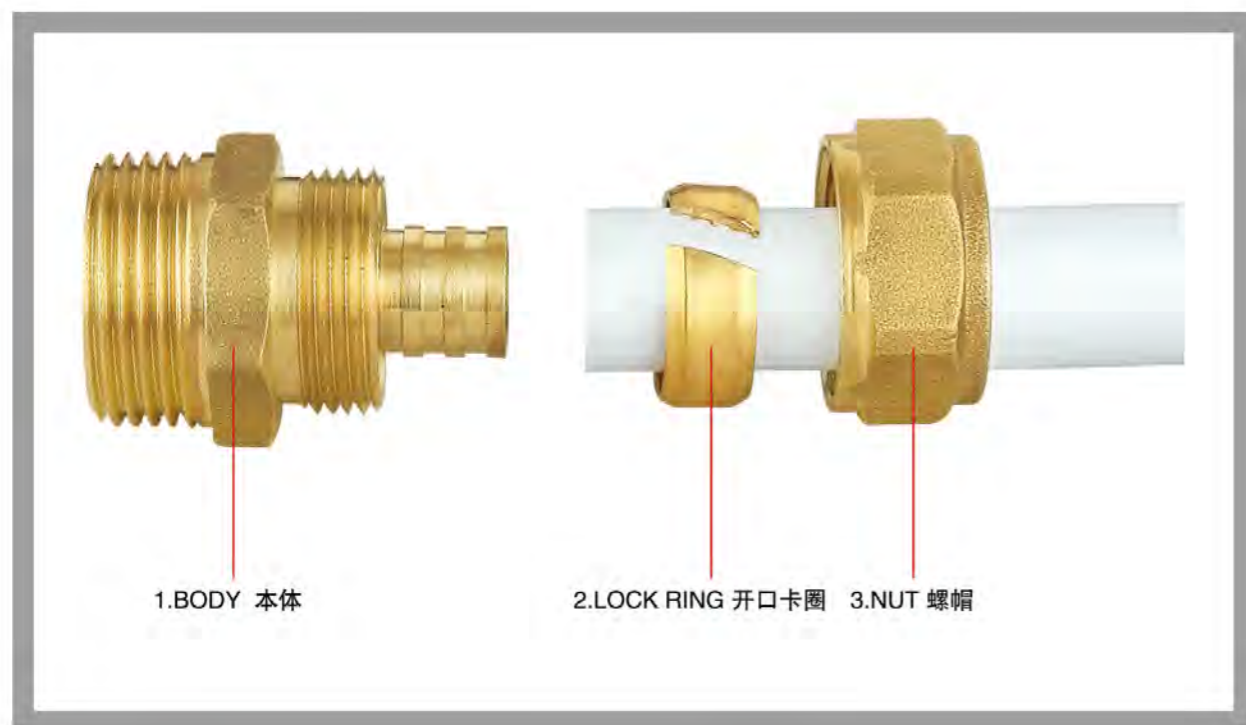
### HS220-012

Female Tee/ 内螺纹三通 C x C x FI



SIZE	D	Rp	L	L1	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
16x1/2"Fx16	16.4	1/2"	81	24.5	20.5	14	1	160	5760
20x1/2"Fx20	20.4	1/2"	81	24.5	22	14	1	128	4608

## HS230 SERIES



1.BODY 本体

2.LOCK RING 开口卡圈 3.NUT 螺帽

### Technical Points:

- 1.Body:Brass by hot forging.
- 2.Lock Ring:Brass
- 3.Nut:Brass by hot forging.

### 技术要点:

1. 本体：黄铜锻造
2. 开口卡圈：黄铜
3. 螺帽：黄铜锻造

### Assembling Instructions

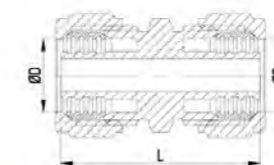
- 1.Cut the pex-pipe perpendicular to its axis using appropriate tools,remove any trimming carefully.
- 2.Fit the nut on the pipe.
- 3.Fit the ring on the pipe.
- 4.Fit the pipe on the body up to the meccanical stop.
- 5.Tighten the nut by hand till is possible then using the tool tighten the nut following the table valve indicated.

### 组装说明:

1. 用合适的工具割断 PEX 管，去除所有毛刺。
2. 将螺帽套在 PEX 管上。
3. 开口卡圈套在 PEX 管上。
4. 将 PEX 管插入本体。
5. 用手拧紧螺帽，直到手拧不动为止，再用工具拧紧螺帽。

### HS230-001

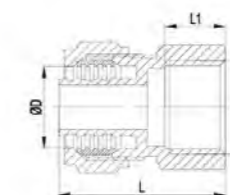
Equal Straight/ 等径直通 C×C



SIZE	D	L	Pcs/Bag	Pcs/Carton	Pcs/Pallet
12×12×2.0	12.4	42	10	360	23040
15×15×2.5	15.4	42	10	330	21120
18×18×2.5	18.4	50	10	190	12160
22×22×3.0	22.4	50	10	130	8320

### HS230-002

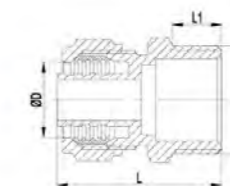
Female Straight/ 内螺纹直通 C×FI



SIZE	D	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
12×1/2" F×2.0	12.4	1/2"	33.5	13.5	10	430	27520
15×1/2" F×2.5	15.4	1/2"	34	13.5	10	360	23040
18×1/2" F×2.5	18.4	1/2"	37.5	13.5	10	230	14720
18×3/4" F×2.5	18.4	3/4"	37.5	14	10	190	12160
22×3/4" F×3.0	22.4	3/4"	37.5	14	10	170	10880

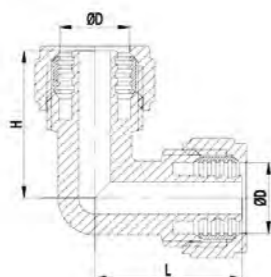
### HS230-003

Male Straight/ 外螺纹直通 C×MI



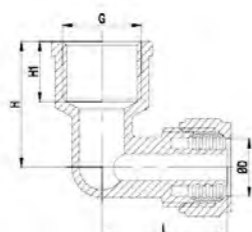
SIZE	D	G	L	L1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
12×3/8" M×2.0	12.4	3/8"	33.5	10.5	10	450	28800
12×1/2" M×2.0	12.4	1/2"	34.5	10.5	10	430	27520
18×3/4" M×2.5	18.4	3/4"	40	12	10	200	12800
22×3/4" M×3.0	22.4	3/4"	40	12	10	180	11520

**HS230-004**  
Equal Elbow/ 等径弯头 C x C



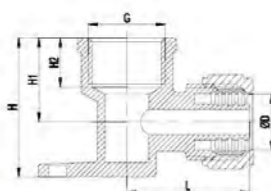
SIZE	D	L	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
15x15x2.5	15.4	32	32	10	240	15360
18x18x2.5	18.4	36	36	10	180	11520
22x22x3.0	22.4	39.5	39.5	10	120	7680

**HS230-005**  
Female Elbow/ 内螺纹弯头 C x FI



SIZE	D	G	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
12x1/2"Fx2.0	12.4	1/2"	31.5	28.5	13.5	10	280	17920
15x1/2"Fx2.5	15.4	1/2"	33.5	33.5	16	10	230	14720

**HS230-006**  
Wallplate Elbow/ 内螺纹墙体阀 C x FI

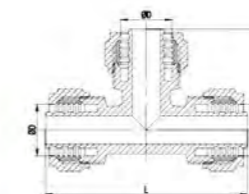


SIZE	D	G	L	H	H1
15x1/2"Fx2.5	15.4	1/2"	33.5	38	23

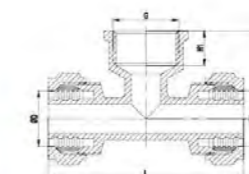
H2	Pcs/Bag	Pcs/Carton	Pcs/Pallet
13.5	10	150	9600

**HS230-007**  
Equal Tee/ 等径三通 C x C x C



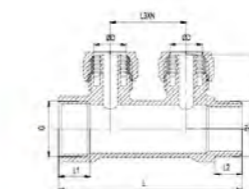
SIZE	D	L	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
18x18x18x2.5	18.4	73	36	10	100	6400
22x22x22x3.0	22.4	79	39.5	10	60	3840

**HS230-008**  
Female Tee/ 内螺纹三通 C x C x FI



SIZE	D	G	L	H	H1	Pcs/Bag	Pcs/Carton	Pcs/Pallet
22x22x3/4Fx3.0	22.4	3/4"	79	35.5	14	10	60	3840

**HS230-009**  
Manifold Fittings/ 分水器



SIZE	D	G	G1	L	L1	L2	L3
15x3/4"x2x2.5	15.4	3/4"	3/4"	87	15	13	36
15x3/4"x3x2.5	15.4	3/4"	3/4"	123	15	13	36
15x3/4"x4x2.5	15.4	3/4"	3/4"	159	15	13	36

N	H	Pcs/Bag	Pcs/Carton	Pcs/Pallet
1	35.5	5	80	5120
2	35.5	5	50	3200
3	35.5	5	40	2560

**HS240 SERIES**



**Specification:**

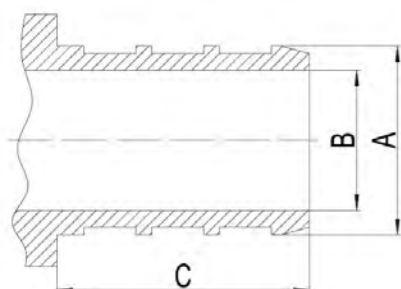
1. Insert for fittings conform to F1807
2. Fittings with soldering or brazing end conform to ASME B16.22
3. NPT male thread, NPSM female thread
4. Thread conform to ANSI/ASME B1.20.1

**Material:**

Forged C46500 brass

**Suitable Pipe:**

PEX pipe(SDR9)



Insert For Fittings Size

SIZE	Nominal Dimension and Tolerance				
	A(mm)		B(mm)		C(mm)
3/8"	Φ8.76	±0.1	5.85	+0.1	MIN16.0
1/2"	Φ11.96	±0.1	8.89	+0.1	MIN16.0
5/8"	Φ14.48	±0.1	11.46	+0.1	MIN16.0
3/4"	Φ16.94	±0.1	13.47	+0.1	MIN16.0
1"	Φ21.74	±0.1	18.04	+0.1	MIN20.5
1 1/4"	Φ26.54	±0.1	22.1	+0.1	MIN24.0
1 1/2"	Φ31.32	±0.15	25.91	+0.15	MIN29.0
2"	Φ40.69	±0.15	34.68	+0.15	MIN38.0

**HS240-001**  
Equal Couplings and Reducing Couplings



SIZE		
3/8"x3/8"	1/2"x3/8"	1 1/2"x1 1/4"
1/2"x1/2"	3/4"x1/2"	2"x1"
5/8"x5/8"	3/4"x5/8"	2"x1 1/4"
3/4"x3/4"	1"x3/4"	2"x1 1/2"
1"x1"	1 1/4"x3/4"	
1 1/4"x1 1/4"	1 1/4"x1"	
1 1/2"x1 1/2"	1 1/2"x3/4"	
2"x2"	1 1/2"x1"	

**HS240-002**  
Threaded Female Adapters



SIZE		
3/8"x1/2"F	3/4"x3/4"F	1 1/2"x1 1/2"F
1/2"x1/2"F	3/4"x1"F	2"x2"F
1/2"x3/4"F	1"x3/4"F	
5/8"x1/2"F	1"x1"F	
5/8"x3/4"F	1 1/4"x1"F	
3/4"x1/2"F	1 1/4"x1 1/4"F	

**HS240-003**  
Threaded Male Adapters



SIZE		
3/8"x1/2"M	3/4"x3/4"M	1 1/2"x1 1/2"M
1/2"x1/2"M	3/4"x1"M	2"x2"M
1/2"x3/4"M	1"x3/4"M	
5/8"x1/2"M	1"x1"M	
5/8"x3/4"M	1 1/4"x1"M	
3/4"x1/2"M	1 1/4"x1 1/4"M	

**HS240-004**  
 Sweat Female Adapters


SIZE		
3/8"x1/2"F	3/4"x3/4"F	1 1/2"x1 1/2"F
1/2"x1/2"F	3/4"x1"F	2"x2"F
1/2"x3/4"F	1"x3/4"F	
5/8"x1/2"F	1"x1"F	
5/8"x3/4"F	1 1/4"x1"F	
3/4"x1/2"F	1 1/4"x1 1/4"F	

**HS240-005**  
 Sweat Male Adapters


SIZE		
3/8"x1/2"M	3/4"x3/4"M	1 1/2"x1 1/2"M
1/2"x1/2"M	3/4"x1"M	2"x2"M
1/2"x3/4"M	1"x3/4"M	
5/8"x1/2"M	1"x1"M	
5/8"x3/4"M	1 1/4"x1"M	
3/4"x1/2"M	1 1/4"x1 1/4"M	

**HS240-006**  
 Equal Elbows and Reducing Elbows


SIZE		
3/8"x3/8"		1 1/2"x1 1/2"
1/2"x1/2"		2"x2"
5/8"x5/8"		1/2"x3/8"
3/4"x3/4"		3/4"x1/2"
1"x1"		3/4"x5/8"
1 1/4"x1 1/4"		1"x3/4"

**HS240-007**  
 Threaded Female Elbows


SIZE		
3/8"x1/2"F	3/4"x3/4"F	1 1/2"x1 1/2"F
1/2"x1/2"F	3/4"x1"F	2"x2"F
1/2"x3/4"F	1"x3/4"F	
5/8"x1/2"F	1"x1"F	
5/8"x3/4"F	1 1/4"x1"F	
3/4"x1/2"F	1 1/4"x1 1/4"F	

**HS240-008**  
 Threaded Male Elbows


SIZE		
3/8"x1/2"M	3/4"x3/4"M	1 1/2"x1 1/2"M
1/2"x1/2"M	3/4"x1"M	2"x2"M
1/2"x3/4"M	1"x3/4"M	
5/8"x1/2"M	1"x1"M	
5/8"x3/4"M	1 1/4"x1"M	
3/4"x1/2"M	1 1/4"x1 1/4"M	

**HS240-009**  
 Sweat Female Elbows


SIZE		
		3/8"x1/2"F
		1/2"x1/2"F
		1/2"x3/4"F
		5/8"x3/4"F
		3/4"x1/2"F
		3/4"x3/4"F
		1"x1"F

**HS240-010**  
Sweat Male Elbows



SIZE
1/2"x1/2"M
1/2"x3/4"M
5/8"x3/4"M
3/4"x3/4"M
1"x1"M

**HS240-011**  
Wallplate Elbow



SIZE
3/8"x1/2"F
1/2"x3/8"F
1/2"x1/2"F
3/4"x1/2"F
3/4"x3/4"F

**HS240-012**  
Equal Tees and Reducing Tees



SIZE		
3/8"x3/8"x3/8"	3/4"x3/4"x1"	1 1/2"x1 1/4"x1"
1/2"x1/2"x1/2"	1"x3/4"x1"	1 1/2"x1 1/4"x1 1/4"
5/8"x5/8"x5/8"	1"x1"x1/2"	1 1/2"x1 1/2"x1/2"
3/4"x3/4"x3/4"	1"x1"x3/4"	1 1/2"x1 1/2"x3/4"
1"x1"x1"	1"x3/4"x3/4"	1 1/2"x1 1/2"x1"
1 1/4"x1 1/4"x1 1/4"	1"x3/4"x1/2"	1 1/2"x1 1/2"x1 1/4"
1 1/2"x1 1/2"x1 1/2"	1"x1/2"x3/4"	2"x1 1/4"x1 1/4"
2"x2"x2"	1"x1/2"x1"	2"x1 1/2"x3/4"
3/8"x3/8"x1/2"	1 1/4"x1"x3/4"	2"x1 1/2"x1"
1/2"x3/8"x3/8"	1 1/4"x1"x1"	2"x1 1/2"x1 1/4"
1/2"x3/8"x1/2"	1 1/4"x1 1/4"x1/2"	2"x1 1/2"x1 1/2"
1/2"x1/2"x3/8"	1 1/4"x1 1/4"x3/4"	2"x2"x1/2"
1/2"x1/2"x3/4"	1 1/4"x1 1/4"x1"	2"x2"x3/4"
3/4"x3/4"x3/8"	1 1/2"x3/4"x3/4"	2"x2"x1"
3/4"x1/2"x1/2"	1 1/2"x1"x3/4"	2"x2"x1 1/4"
3/4"x1/2"x3/4"	1 1/2"x1"x1"	2"x2"x1 1/2"
3/4"x3/4"x1/2"	1 1/2"x1 1/4"x3/4"	

**HS240-013**  
Swivel Adapters With Brass Nut



SIZE
3/8"x3/8"F
3/8"x1/2"F
1/2"x1/2"F
1/2"x3/4"F
3/4"x3/4"F
3/4"x1"F
1"x1"F

**HS240-014**  
Swivel Adapters With Plastic Nut



SIZE
3/8"x3/8"F
3/8"x1/2"F
1/2"x1/2"F
1/2"x3/4"F
3/4"x3/4"F
3/4"x1"F
1"x1"F

**HS240-015**  
Swivel Elbows With Plastic Nut



SIZE
3/8"x3/8"F
3/8"x1/2"F
1/2"x1/2"F
1/2"x3/4"F
3/4"x3/4"F

**HS240-016**  
Plugs



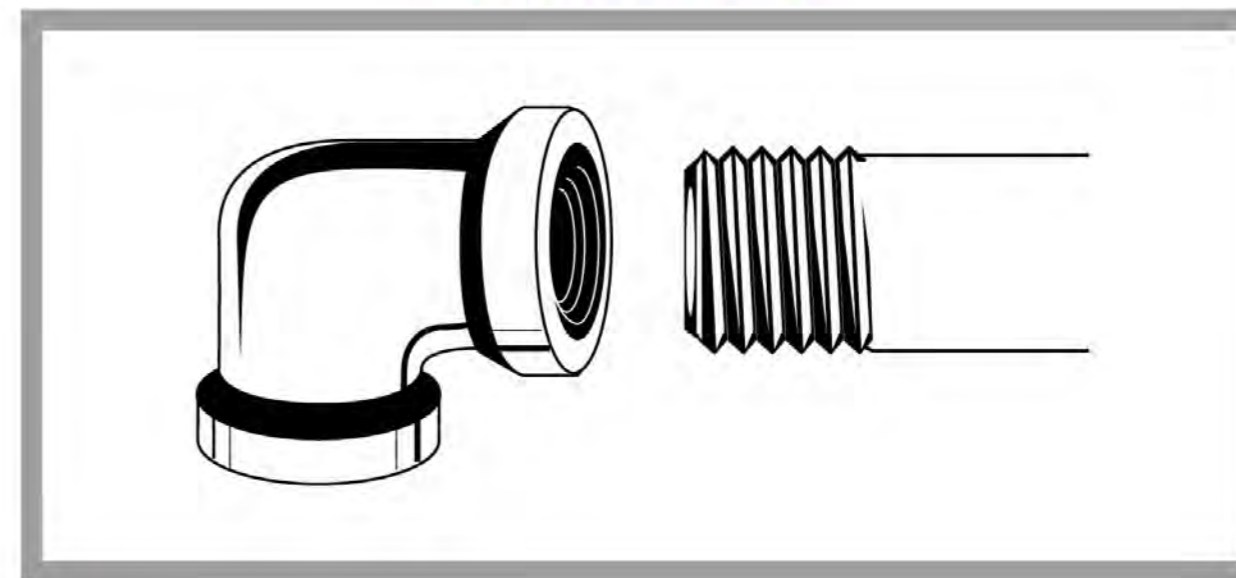
SIZE
3/8"
1/2"
5/8"
3/4"
1"
1 1/4"
1 1/2"
2"

**HS240-017**  
Polybutelene Adapters(With PB Crimp Ring)



SIZE
3/8"
1/2"
3/4"

**HS250 SERIES**



**Information**

We offers a wide variety of pipe fittings and nipples. Nipples are available in a variety of lengths and thread sizes and fittings are offered in a number of configurations using both male and female pipe threads. All tapered pipe threads are manufactured to the highest quality standards and tolerances.

Our pipe fittings and nipples are recommended for use with brass, copper, or iron pipe. They are commonly used on oil, natural gas, water, and air lines.

**Installation instructions**

Place Teflon<sup>®</sup> tape on the male pipe threads and screw the thread into the female fitting until threads stop and the connection becomes tight. Do not over tighten.

**Specifications**

Temperature: -65°F to 250°F

Working Pressure: 1,000psi on all barstock fittings and 125psi on all cast fittings at the temperature range stated above.

Medium	Threads per Inch
1/8"	27
1/4"	18
3/8"	18
1/2"	14
3/4"	14
1"	11 1/2
1 1/4"	11 1/2
1 1/2"	11 1/2
2"	11 1/2



**HS250-001**  
Female Couplings



SIZE
1/8" F x 1/8" F
1/4" F x 1/4" F
3/8" F x 3/8" F
1/2" F x 1/2" F
3/4" F x 3/4" F
1" F x 1" F

**HS250-002**  
Female Couplings



SIZE
1/8" F x 1/8" F
1/4" F x 1/4" F
3/8" F x 3/8" F
1/2" F x 1/2" F
3/4" F x 3/4" F

**HS250-003**  
Female Reducing Couplings



SIZE	
1/4" F x 1/8" F	1/2" F x 3/8" F
3/8" F x 1/8" F	3/4" F x 3/8" F
3/8" F x 1/4" F	3/4" F x 1/2" F
1/2" F x 1/8" F	1" F x 1/2" F
1/2" F x 1/4" F	1" F x 3/4" F

**HS250-004**  
Hex Nipples



SIZE
1/8" M x 1/8" M
1/4" M x 1/4" M
3/8" M x 3/8" M
1/2" M x 1/2" M
3/4" M x 3/4" M

**HS250-005**  
Reducing Hex Nipples



SIZE
1/4" M x 1/8" M
3/8" M x 1/8" M
3/8" M x 1/4" M
1/2" M x 1/8" M
1/2" M x 1/4" M
1/2" M x 3/8" M
3/4" M x 1/2" M

**HS250-006**  
Male to Female Couplings



SIZE	
1/8" M x 1/8" F	1/8" M x 3/8" F
1/4" M x 1/4" F	1/4" M x 3/8" F
3/8" M x 3/8" F	1/4" M x 1/2" F
1/2" M x 1/2" F	3/8" M x 1/2" F
3/4" M x 3/4" F	1/2" M x 3/4" F
1/8" M x 1/4" F	

**HS250-007**  
Female Elbows



SIZE
1/8"Fx1/8"F
1/4"Fx1/4"F
3/8"Fx3/8"F
1/2"Fx1/2"F
3/4"Fx3/4"F
1"Fx1"F

**HS250-008**  
Male to Female Elbows



SIZE
1/8"Mx1/8"F
1/4"Mx1/4"F
3/8"Mx3/8"F
1/2"Mx1/2"F
3/4"Mx3/4"F
1"Mx1"F

**HS250-009**  
Male to Female 45° Street Elbows



SIZE
1/8"Mx1/8"F
1/4"Mx1/4"F
3/8"Mx3/8"F
1/2"Mx1/2"F
3/4"Mx3/4"F
1"Mx1"F

**HS250-010**  
Female Tees and Reducing Tees



SIZE	
1/8"Fx1/8"Fx1/8"F	3/4"Fx3/4"Fx3/4"F
1/4"Fx1/4"Fx1/4"F	1"Fx1"Fx1"F
3/8"Fx3/8"Fx3/8"F	3/8"Fx3/8"Fx1/4"F
1/2"Fx1/2"Fx1/2"F	1/2"Fx1/2"Fx3/8"F

**HS250-011**  
Female Union



SIZE
1/8"Fx1/8"F
1/4"Fx1/4"F
3/8"Fx3/8"F
1/2"Fx1/2"F
3/4"Fx3/4"F
1"Fx1"F

**HS250-012**  
Bushings



SIZE	
1/4"Mx1/8"F	3/4"Mx1/8"F
3/8"Mx1/8"F	3/4"Mx1/4"F
3/8"Mx1/4"F	3/4"Mx3/8"F
1/2"Mx1/8"F	3/4"Mx1/2"F
1/2"Mx1/4"F	1"Mx1/2"F
1/2"Mx3/8"F	1"Mx3/4"F

**HS250-013**  
Hex Head Plug



SIZE
1/8" M
1/4" M
3/8" M
1/2" M
3/4" M

**HS250-014**  
Square Head Plugs



SIZE
1/8" M
1/4" M
3/8" M
1/2" M
3/4" M
1" M

**HS250-015**  
Female Caps



SIZE
1/8" F
1/4" F
3/8" F
1/2" F
3/4" F

**HS250-016**  
Allen Head Plugs



SIZE
1/8" F
1/4" F
3/8" F
1/2" F

**HS250-017**  
Face Bushings



SIZE
3/8" M x 1/4" F
1/2" M x 3/8" F
3/4" M x 1/2" F

**HS250-018**  
Spacer Nipples



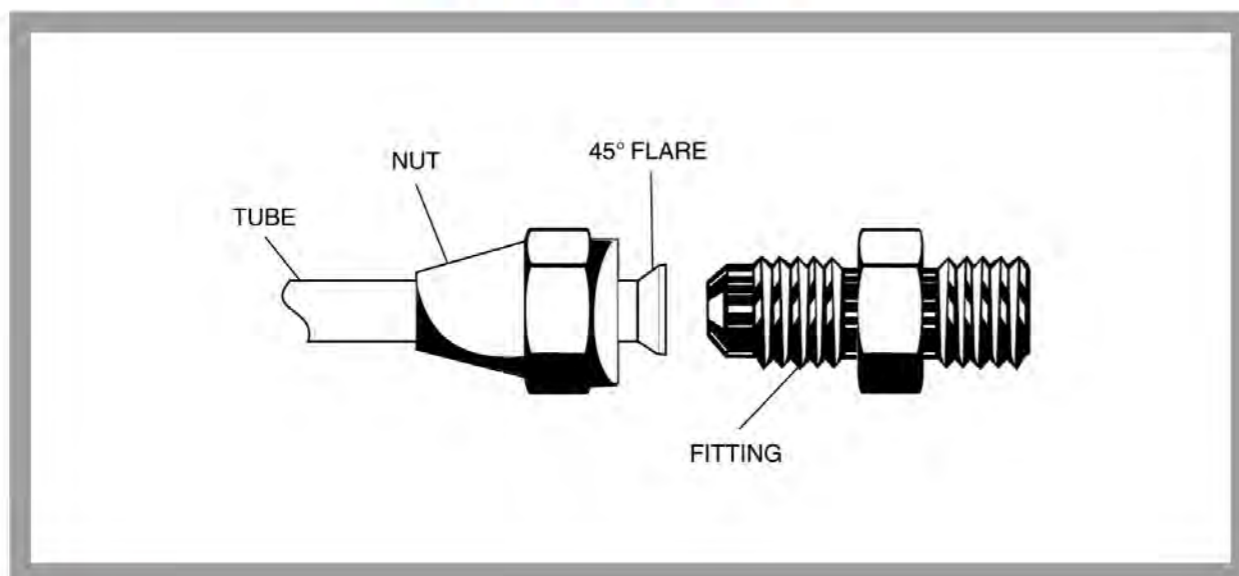
SIZE	
1/8" M	1" M
1/4" M	1 1/4" M
3/8" M	1 1/2" M
1/2" M	2" M
3/4" M	

**HS250-013**  
Hex Head Plug



SIZE		
1/8" M x 1 1/2" L	1/4" M x 5" L	1/2" M x 3 1/2" L
1/8" M x 2" L	1/4" M x 5 1/2" L	1/2" M x 4" L
1/8" M x 2 1/2" L	1/4" M x 6" L	1/2" M x 4 1/2" L
1/8" M x 3" L	3/8" M x 1 1/2" L	1/2" M x 5" L
1/8" M x 3 1/2" L	3/8" M x 2" L	1/2" M x 5 1/2" L
1/8" M x 4" L	3/8" M x 2 1/2" L	1/2" M x 6" L
1/8" M x 4 1/2" L	3/8" M x 3" L	3/4" M x 1 1/2" L
1/8" M x 5" L	3/8" M x 3 1/2" L	3/4" M x 2" L
1/8" M x 5 1/2" L	3/8" M x 4" L	3/4" M x 2 1/2" L
1/8" M x 6" L	3/8" M x 4 1/2" L	3/4" M x 3" L
1/4" M x 1 1/2" L	3/8" M x 5" L	3/4" M x 3 1/2" L
1/4" M x 2" L	3/8" M x 5 1/2" L	3/4" M x 4" L
1/4" M x 2 1/2" L	3/8" M x 6" L	3/4" M x 4 1/2" L
1/4" M x 3" L	1/2" M x 1 1/2" L	3/4" M x 5" L
1/4" M x 3 1/2" L	1/2" M x 2" L	3/4" M x 5 1/2" L
1/4" M x 4" L	1/2" M x 2 1/2" L	3/4" M x 6" L
1/4" M x 4 1/2" L	1/2" M x 3" L	

**HS260 SERIES**



**Information**

We offers a wide variety of flare fittings including Standard 45°, Inverted 45°, POL, Gas Range, and Fine Thread ( $\frac{9}{16}$ " x 24) for space heater applications.

Flare fittings are designed for higher pressure applications and are commonly used for gasoline, grease, oil, water, vacuum, air lines, L.P., and natural gas. Flare fittings can also be used for refrigeration, air conditioning, and other applications involving hard to hold liquids and gases using forged nuts.

Recommended for use with copper, brass, aluminum, and welded steel hydraulic tubing that can be flared. Not recommended for use with polybutylene or soft plastic tubing.

**Installation instructions**

Cut tubing square and put nut onto tubing. Flare tubing with 45° flaring tool and hand tighten nut over flare and onto fitting body. Wrench tighten for positive metal-to-metal seal. Do not over tighten.

**Specifications**

Temperature: -65°F to 250°F

Working Pressure: Temperature and type of tubing must be considered for proper fitting selection.

The following is based on 70°F with copper tube. POL and Gas Fittings have a maximum working pressure of 250psi.

Copper Tube OD	Tube Wall Inches	Psi(Flare Fittings)
$\frac{1}{8}$ "	0.030	2800
$\frac{3}{16}$ "	0.030	1900
$\frac{1}{4}$ "	0.030	1400
$\frac{5}{16}$ "	0.032	1200
$\frac{3}{8}$ "	0.032	900
$\frac{1}{2}$ "	0.032	700
$\frac{5}{8}$ "	0.035	640
$\frac{3}{4}$ "	0.035	550
$\frac{7}{8}$ "	0.035	450

**Thread Sizes**

Fitting	45° and Inverted	POL	Gas	Fine Thread
$\frac{1}{8}$ "	$\frac{5}{16}$ "x24			
$\frac{3}{16}$ "	$\frac{3}{8}$ "x24			
$\frac{1}{4}$ "	$\frac{7}{16}$ "x24	.880-14LHTx $\frac{1}{8}$ "F		$\frac{9}{16}$ "x24
$\frac{5}{16}$ "	$\frac{1}{2}$ "x24			
$\frac{3}{8}$ "	$\frac{9}{16}$ "x24	.880-14LHTx $\frac{3}{8}$ "F		$\frac{9}{16}$ "x24
$\frac{7}{16}$ "	$\frac{5}{8}$ "x24			
$\frac{1}{2}$ "	$\frac{11}{16}$ "x20	.880-14LHTx $\frac{1}{2}$ "F	$\frac{5}{16}$ "x $\frac{1}{2}$ "	
$\frac{5}{8}$ "	$1\frac{3}{16}$ "x18		$\frac{5}{16}$ "x $\frac{5}{8}$ "	
$\frac{3}{4}$ "	1"x18		$\frac{5}{16}$ "x $\frac{3}{4}$ "	
$\frac{7}{8}$ "	$1\frac{1}{8}$ "x18			

**HS260-001**  
Flare to Flare Union



SIZE
1/4"
5/16"
3/8"
1/2"
5/8"
3/4"
7/8"

**HS260-002**  
Flare to Flare Reducing Union



SIZE
3/8"x1/4"
1/2"x1/4"
1/2"x3/8"
5/8"x3/8"
5/8"x1/2"
3/4"x3/8"
3/4"x1/2"
3/4"x5/8"

**HS260-003**  
Flare to Female Couplings



SIZE	SIZE
1/4"x1/8"F	3/8"x3/4"F
1/4"x1/4"F	1/2"x3/8"F
1/4"x3/8"F	1/2"x1/2"F
1/4"x1/2"F	1/2"x3/4"F
5/16"x1/4"F	5/8"x1/2"F
3/8"x1/4"F	5/8"x3/4"F
3/8"x3/8"F	3/4"x3/4"F
3/8"x1/2"F	7/8"x3/4"F

**HS260-004**  
Flare to Male Couplings



SIZE		
1/4"x1/8"M	3/8"x1/4"M	5/8"x3/8"M
1/4"x1/4"M	3/8"x3/8"M	5/8"x1/2"M
1/4"x3/8"M	3/8"x1/2"M	5/8"x3/4"M
1/4"x1/2"M	3/8"x3/4"M	3/4"x3/4"M
5/16"x1/8"M	1/2"x3/8"M	7/8"x3/4"M
5/16"x1/4"M	1/2"x1/2"M	
3/8"x1/8"M	1/2"x3/4"M	

**HS260-005**  
Flare to Flare Elbows



SIZE
1/4"
5/16"
3/8"
1/2"
5/8"
3/4"
7/8"

**HS260-006**  
Flare to Female Elbows



SIZE	
1/4"x1/4"F	1/2"x1/2"F
1/4"x3/8"F	1/2"x3/4"F
3/8"x3/8"F	5/8"x1/2"F
3/8"x1/2"F	5/8"x3/4"F
1/2"x3/8"F	7/8"x3/4"F

**HS260-007**  
Flare to Male Elbows



SIZE	
1/4"x1/8"M	1/2"x3/8"M
1/4"x1/4"M	1/2"x1/2"M
3/8"x1/8"M	5/8"x1/2"M
3/8"x1/4"M	5/8"x3/4"M
3/8"x3/8"M	7/8"x3/4"M
3/8"x1/2"M	

**HS260-008**  
Flare 3-End Tee and Reducing Tee



SIZE	
1/4"	3/8"x3/8"x1/4"
3/8"	1/2"x1/2"x3/8"
1/2"	5/8"x5/8"x3/8"
5/8"	5/8"x5/8"x1/2"
3/4"	

**HS250-009**  
Flare Plugs



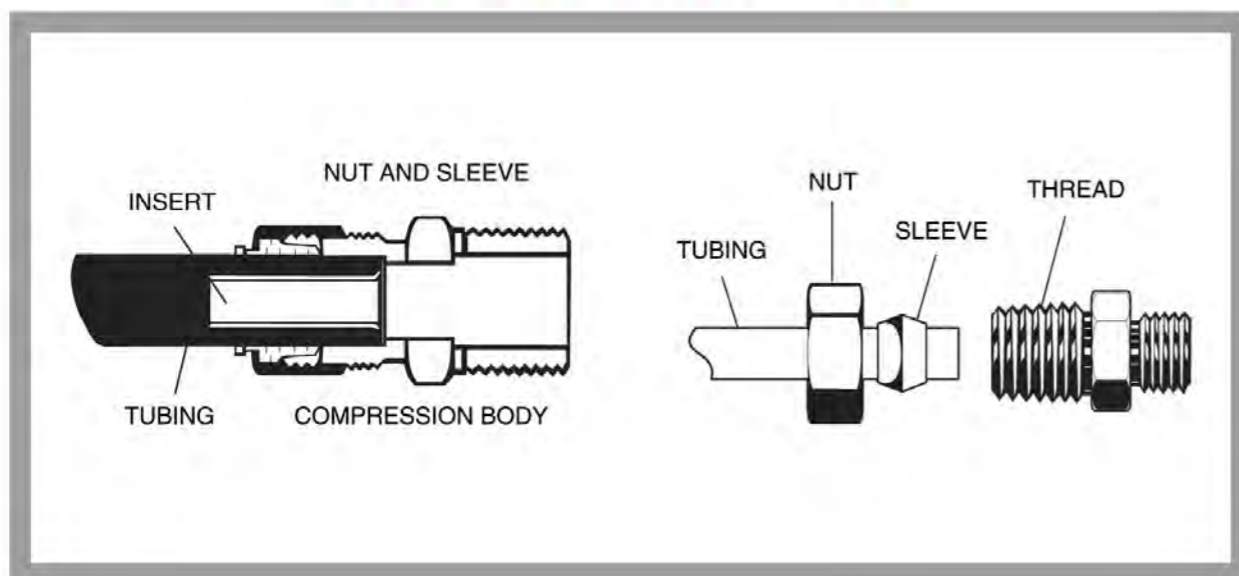
SIZE
1/4"
5/16"
3/8"
1/2"
5/8"
3/4"
7/8"

**HS260-010**  
Flare to Flare Swivel



SIZE
1/4"
3/8"
1/2"
5/8"
3/4"

**HS270, HS280 SERIES**



**Information**

Our brass compression fittings are ideal for use with copper, brass, aluminum, or plastic tubing and are commonly used on gasoline, grease, oil, water, vacuum, and air lines. Our compression fittings are not recommended for use with steel tube.

**Installation instructions**

Cut tubing square on the end. Start tubing on the insert and slide into the fitting until it hits the stop. Wrench tighten approximately 1 1/2" to 2 turns beyond hand tight. Do not over tighten.

**Specifications**

Temperature: -65°F to 250°F

Working Pressure: Temperature and type of tubing must be considered for proper fitting selection.

The following is based on 70°F with copper tube.

Copper Tube OD	Tube Wall Inches	Psi(Ander-Lign)	Psi(Standard)
1/8"	0.030	2800	400
3/16"	0.030	1900	400
1/4"	0.030	1400	300
5/16"	0.032	1200	300
3/8"	0.032	900	200
1/2"	0.032	700	200
5/8"	0.035	640	150
3/4"	0.035	550	100
7/8"	0.035	450	75

**Thread Sizes**

Fitting	Thread Size
1/8"	5/16"x24
3/16"	3/8"x24
1/4"	7/16"x24
5/16"	1/2"x24
3/8"	9/16"x24
7/16"	5/8"x24
1/2"	11/16"x20
5/8"	1 3/16"x18
3/4"	1"x18
7/8"	1 1/8"x18

**HS270-001**  
Union



SIZE
1/8"
3/16"
1/4"
5/16"
3/8"
1/2"
5/8"
3/4"
7/8"

**HS270-002**  
Reducing Union



SIZE
1/4"x1/8"
1/4"x3/16"
3/8"x1/4"
5/16"x1/4"
1/2"x3/8"
5/8"x3/8"
5/8"x1/2"

**HS270-003**  
Female Connector



SIZE		
1/8"x1/8"F	5/16"x3/8"F	1/2"x3/4"F
3/16"x1/8"F	3/8"x1/8"F	5/8"x3/8"F
3/16"x1/4"F	3/8"x1/4"F	5/8"x1/2"F
1/4"x1/8"F	3/8"x3/8"F	5/8"x3/4"F
1/4"x1/4"F	3/8"x1/2"F	3/4"x1/2"F
1/4"x3/8"F	3/8"x3/4"F	3/4"x3/4"F
1/4"x1/2"F	1/2"x1/4"F	7/8"x1/2"F
5/16"x1/8"F	1/2"x3/8"F	7/8"x3/4"F
5/16"x1/4"F	1/2"x1/2"F	

**HS270-004**  
Male Connector



SIZE		
1/8"x1/8"M	5/16"x3/8"M	1/2"x3/4"M
3/16"x1/8"M	3/8"x1/8"M	5/8"x3/8"M
3/16"x1/4"M	3/8"x1/4"M	5/8"x1/2"M
1/4"x1/8"M	3/8"x3/8"M	5/8"x3/4"M
1/4"x1/4"M	3/8"x1/2"M	3/4"x1/2"M
1/4"x3/8"M	3/8"x3/4"M	3/4"x3/4"M
1/4"x1/2"M	1/2"x1/4"M	7/8"x1/2"M
5/16"x1/8"M	1/2"x3/8"M	7/8"x3/4"M
5/16"x1/4"M	1/2"x1/2"M	

**HS270-007**  
Male Elbow



SIZE		
1/8"x1/8"M	5/16"x1/4"M	1/2"x1/2"M
3/16"x1/8"M	5/16"x3/8"M	1/2"x3/4"M
3/16"x1/4"M	3/8"x1/8"M	5/8"x3/8"M
1/4"x1/8"M	3/8"x1/4"M	5/8"x1/2"M
1/4"x1/4"M	3/8"x3/8"M	5/8"x3/4"M
1/4"x3/8"M	3/8"x1/2"M	3/4"x1/2"M
1/4"x1/2"M	1/2"x1/4"M	3/4"x3/4"M
5/16"x1/8"M	1/2"x3/8"M	7/8"x3/4"M

**HS270-005**  
Equal Elbow



SIZE
1/8"
3/16"
1/4"
5/16"
3/8"
1/2"
5/8"
3/4"
7/8"

**HS270-008**  
3-End Tee



SIZE
1/8"
3/16"
1/4"
5/16"
3/8"
1/2"
5/8"
3/4"
7/8"

**HS270-006**  
Female Elbow



SIZE		
1/8"x1/8"F	5/16"x1/4"F	1/2"x1/2"F
3/16"x1/8"F	5/16"x3/8"F	1/2"x3/4"F
3/16"x1/4"F	3/8"x1/8"F	5/8"x3/8"F
1/4"x1/8"F	3/8"x1/4"F	5/8"x1/2"F
1/4"x1/4"F	3/8"x3/8"F	5/8"x3/4"F
1/4"x3/8"F	3/8"x1/2"F	3/4"x1/2"F
1/4"x1/2"F	1/2"x1/4"F	3/4"x3/4"F
5/16"x1/8"F	1/2"x3/8"F	7/8"x3/4"F

**HS270-009**  
Male Tee



SIZE
1/4"x1/4"x1/4"M
3/8"x3/8"x1/4"M
3/8"x3/8"x3/8"M
1/2"x1/2"x3/8"M
1/2"x1/2"x1/2"M

**HS280-001**  
Union with Brass Insert



SIZE
1/8"
3/16"
1/4"
5/16"
3/8"
1/2"
5/8"
3/4"
7/8"

**HS280-002**  
Reducing Union with Brass Insert



SIZE
5/16"x1/4"
3/8"x1/4"
1/2"x1/4"
1/2"x3/8"
5/8"x3/8"
5/8"x1/2"
7/8"x5/8"

**HS280-003**  
Female Connector with Brass Insert



SIZE	
1/4"x1/8"F	3/8"x1/2"F
1/4"x1/4"F	1/2"x3/8"F
1/4"x3/8"F	1/2"x1/2"F
1/4"x1/2"F	5/8"x1/2"F
5/16"x1/4"F	5/8"x3/4"F
3/8"x1/4"F	7/8"x3/4"F
3/8"x3/8"F	

**HS280-004**  
Male Connector with Brass Insert



SIZE		
1/8"x1/8"M	3/8"x1/8"M	5/8"x3/8"M
3/16"x1/8"M	3/8"x1/4"M	5/8"x1/2"M
1/4"x1/8"M	3/8"x3/8"M	5/8"x3/4"M
1/4"x1/4"M	3/8"x1/2"M	3/4"x1/2"M
1/4"x3/8"M	3/8"x3/4"M	3/4"x3/4"M
1/4"x1/2"M	1/2"x3/8"M	7/8"x1/2"M
5/16"x1/8"M	1/2"x1/2"M	7/8"x3/4"M
5/16"x1/4"M	1/2"x3/4"M	

**HS280-005**  
Equal Elbow with Brass Insert



SIZE
1/4"
3/8"
1/2"
5/8"
3/4"
7/8"

**HS280-006**  
Male Elbow with Brass Insert



SIZE
1/4"x1/8"M
1/4"x1/4"M
3/8"x1/4"M
3/8"x3/8"M
3/8"x1/2"M
1/2"x3/8"M
1/2"x1/2"M
5/8"x3/8"M
5/8"x1/2"M

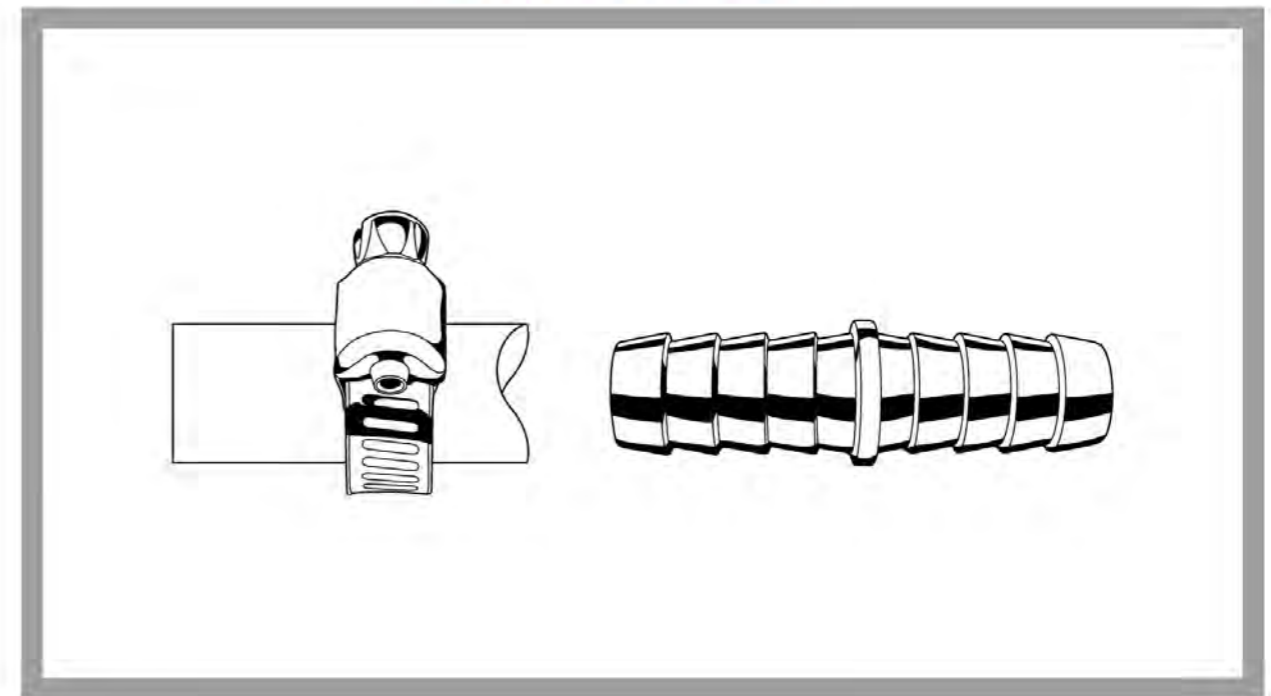


**HS280-007**  
3-End Tee with Brass Insert

SIZE
1/4"
3/8"
1/2"
5/8"
3/4"
7/8"

**HS280-008**  
3-End Reducing Tee with Brass Insert

SIZE
3/8"x3/8"x1/4"M
7/8"x7/8"x5/8"M

**HS290 SERIES****Information**

We offers a variety of styles of hose barb fittings including elbows, tees, and adaptors. Hose barb fittings can be used with any tubing soft enough to accept a clamp style connection including vinyl and rubber.

**Installation instructions**

Cut tubing square and slide hose clamp onto the hose end. Push the barbed fitting into the hose until the end of the hose reaches the hex or stop ring, a non-petroleum lubricant may be used to assist in inserting the fitting into the tube. Move hose clamp over hose and barb and tighten the clamp with the appropriate tool (depending on the style of clamp) until a positive connection is made. Do not over tighten.

**Specifications**

Temperature: -40°F to 160°F

Working Pressure: 150psi. Do not exceed the recommended pressure rating of the tubing used.

**HS290-001**  
Hose Barb Splicer



SIZE
1/8"
3/16"
1/4"
5/16"
3/8"
1/2"
5/8"
3/4"

**HS290-002**  
Hose Barb to Female Adaptor



SIZE	
1/8"x1/8"F	3/8"x1/8"F
1/8"x1/4"F	3/8"x1/4"F
3/16"x1/8"F	3/8"x3/8"F
3/16"x1/4"F	3/8"x1/2"F
1/4"x1/8"F	1/2"x1/4"F
1/4"x1/4"F	1/2"x3/8"F
1/4"x3/8"F	1/2"x1/2"F
5/16"x1/4"F	

**HS290-003**  
Hose Barb to Male Adaptor



SIZE		
1/8"x1/8"M	5/16"x1/8"M	1/2"x3/8"M
1/8"x1/4"M	5/16"x1/4"M	1/2"x1/2"M
3/16"x1/8"M	5/16"x3/8"M	1/2"x3/4"M
3/16"x1/4"M	3/8"x1/8"M	5/8"x3/8"M
1/4"x1/8"M	3/8"x1/4"M	5/8"x1/2"M
1/4"x1/4"M	3/8"x3/8"M	5/8"x3/4"M
1/4"x3/8"M	3/8"x1/2"M	3/4"x1/2"M
1/4"x1/2"M	1/2"x1/4"M	3/4"x3/4"M

**OEM PARTS**

