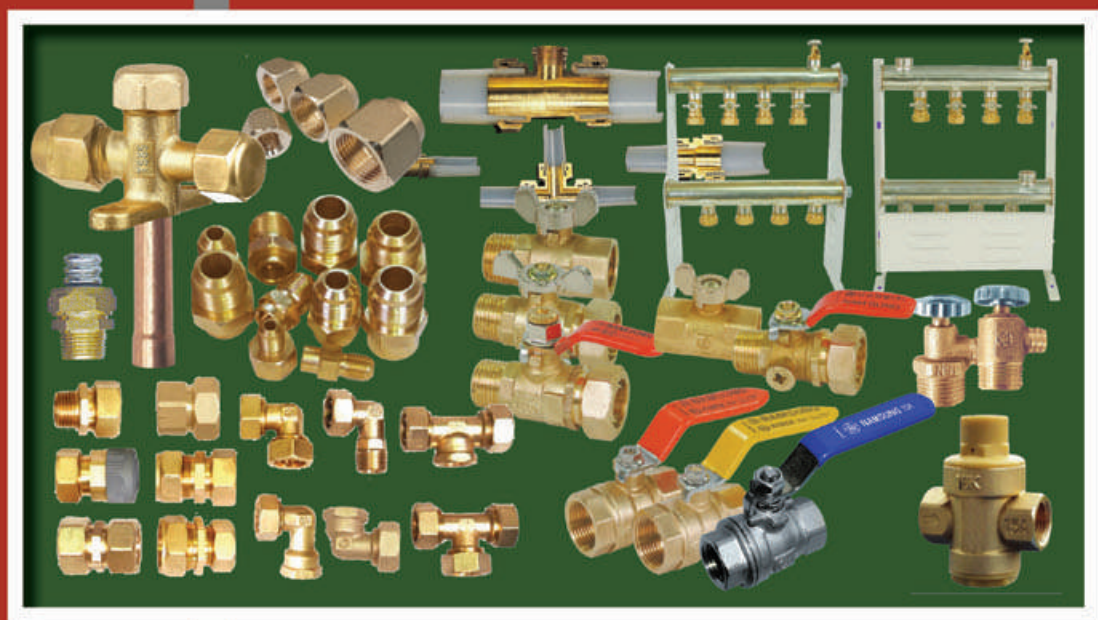




星牌球阀

NAM SUNG VALVE



品质象征！ 永恒追求！

THE SYMBOL OF QUALITY & IMPROVEMENT!



韩国独资

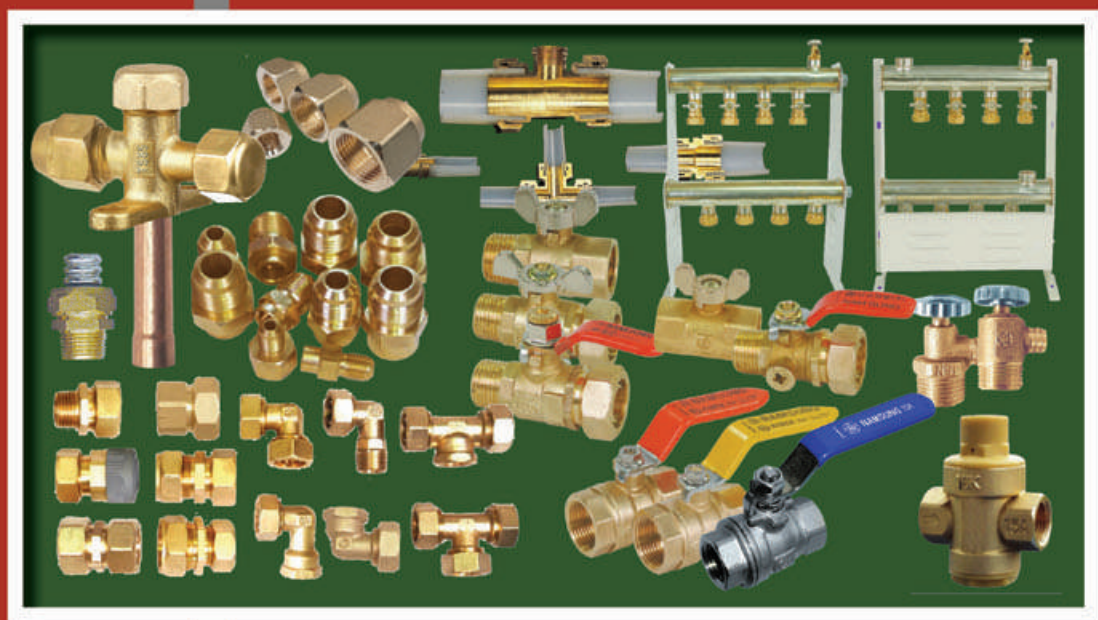
昆山天星阀业有限公司

KUNSHAN TIANXING VALVE CO.,LTD



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KUNSHAN TIANXING VALVE CO.,LTD

KUNSHAN TIANXING VALVE

公司简介

昆山天星阀业有限公司是具有60多年制造历史与高新技术的韩国南星精密株式会社100%投资的独资企业。

公司地处风景秀丽的鱼米之乡—江苏省昆山市淀山湖畔。

公司拥有最先进的球阀和管件生产线，专业生产各种类型、各种规格的铜制球阀和管件，产品广泛适用于燃气管道、铝塑复合管、交联聚乙烯管、铜管、PB管等建筑及施工现场。

公司持续开发新的技术与努力，从原材料入库开始到完成品出库的过程中不允许发生错误，使用本公司产品的客户追求绝对安全。

南星精密株式会社获得ISO9001、KS、GOST-R认证及各种奖项，产品的优秀性得到了证明，公司独有商标星标球阀及管件在相关产业及业内是安全性和质量的代名词。在韩国球阀及管件市场占有60%以上的市场，为了获得全世界的认可和通过质量向顾客证明，精诚、实力、信义的公司宗旨下不断前进！希望客户继续关心和忠告及鼓励。

谢谢！

公司履历

1999. 05 成立昆山天星水暖有限公司

2001. 06 获得ISO 9001认证

2003. 08 获得KS认证标识 (KS B 1546) - 管连接头

2003. 08 获得KS认证标识 (KS B 2308) - 球阀

2006. 02 变更为昆山天星阀业有限公司

2006. 06 投资额增加 (总注册资金 \$610万)

2012. 04 韩国燃气安检公司设计阶段审核合格

2012. 10 韩国燃气安检公司外国燃气用品制造关联工厂审核合格

2013. 09 获得安全生产三级标准

2018. 11 韩国燃气安检公司外国用燃气用品制造关联及KS工厂审核合格

2022. 10 新建厂房竣工 (建筑面积 17,824.08 m²)



Certification & KS Mark

KS B 1546 Polyethylene pipe joint (X-L) KS Mark No. 4535

Acquired hygiene Safety KC Mark

KS Q ISO 9001:2009/ISO 9001:2008

● Polyethylene Pipe Fittings (X-L)



Valve Socket



Valve Socket(F)



Valve Elbow



Long Socket (M)



Tee Socket



X-L PB Coupling



Bellows pipe Coupling



Coupling



Reducer



Long Socket

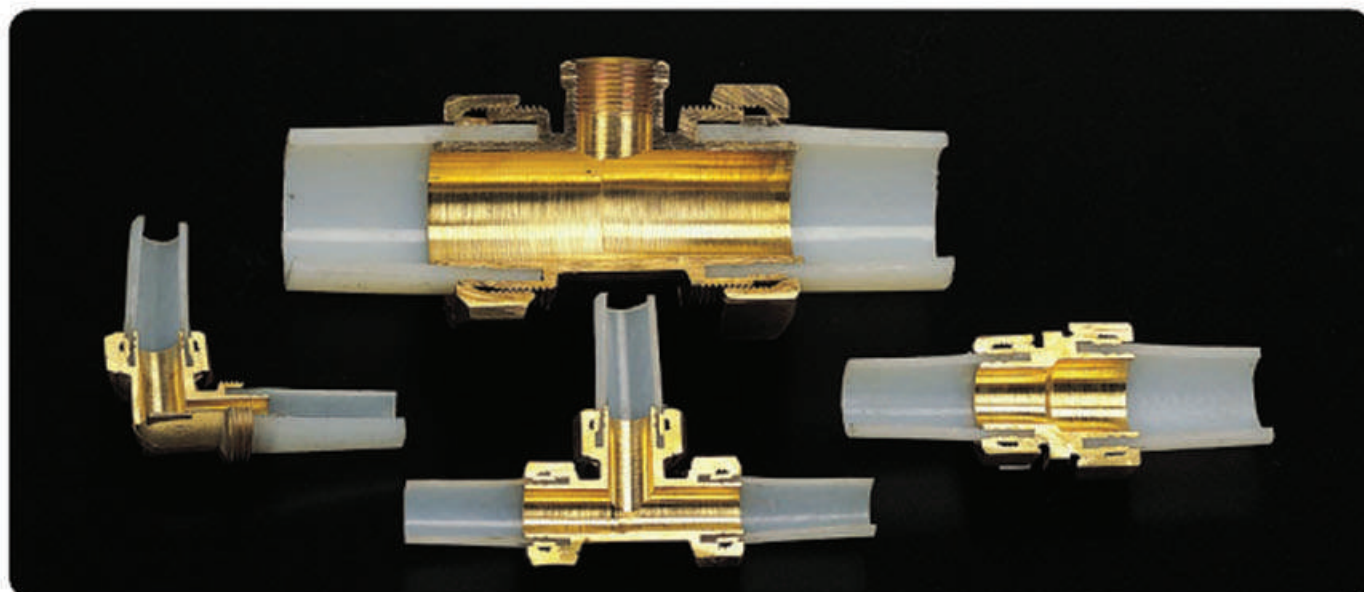


Elbow Socket



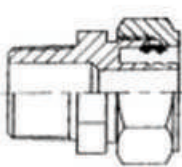
3-Tee

● Installation View



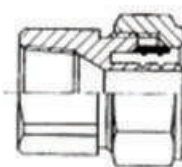
Sectional View of the Polyethylene Pipe Fittings (X-L)

Valve Socket X-L



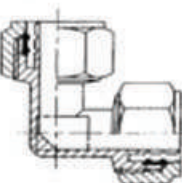
X-L Pipe (ID)	PT Screw
V/S 12	1/2"
V/S 15	1/2", 3/4"
V/S 20	3/4"
V/S 25	1"
V/S 30	1 1/4"
V/S 40	1 1/2"

Valve Socket(F)



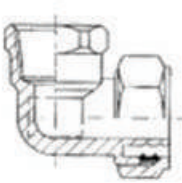
X-L Pipe (ID)	PT Screw
V/S(F) 12	1/2"
V/S(F) 15	1/2", 3/4"
V/S(F) 20	3/4"
V/S(F) 25	1"
V/S(F) 30	1 1/4"
V/S(F) 40	1 1/2"

Valve Elbow



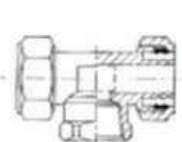
X-L Pipe(Inside Diameter)
V/E 12
V/E 15
V/E 20
V/E 25
V/E 30
V/E 40

Elbow Socket



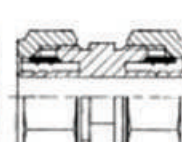
X-L Pipe (ID)	PT Screw
E/S 12	1/2"
E/S 15	1/2"
E/S 20	1/2", 3/4"
E/S 25	1/2", 3/4", 1"
E/S 30	1 1/4"
E/S 40	1 1/2"

Tee Socket



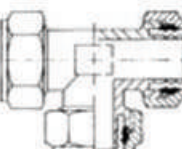
X-L Pipe (ID)	PT Screw
T/S 12	1/2"
T/S 15	1/2"
T/S 20	1/2", 3/4"
T/S 25	1/2", 3/4", 1"
T/S 30	1/2", 3/4", 1", 1 1/4"
T/S 40	1/2", 3/4", 1", 1 1/4", 1 1/2"

Coupling



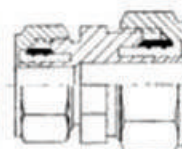
X-L Pipe (ID)
C/P 12
C/P 15
C/P 20
C/P 25
C/P 30
C/P 40

3-Tee



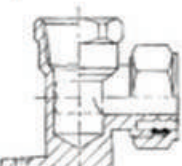
X-L Pipe(Inside Diameter)
3T 12
3T 15
3T 20*15, 3T 20
3T 25*15, 3T 25*20, 3T 25
3T 30
3T 40

Reducing Coupling



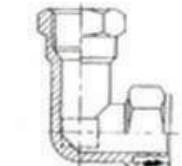
X-L Pipe(Inside Diameter)
C/P 15*12
C/P 20*15
C/P 25*15, C/P 25*20
C/P 30*15, C/P 30*20, C/P 30*25
C/P 40*15, C/P 40*20, C/P 40*25, C/P 40*30

Elbow Socket (W)



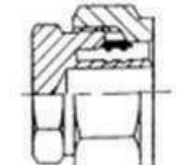
X-L Pipe (ID)	PT Screw
E/S(W) 15	1/2"

Long Socket



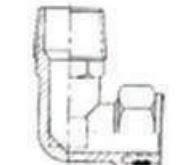
X-L Pipe (ID)	PT Screw
L/S 15	1/2"
L/S 20	3/4"

Cap



X-L Pipe (ID)
CAP 15
CAP 20

Long Socket(M)



X-L Pipe (ID)	PT Screw
L/S(M) 15	1/2"
L/S(M) 20	3/4"
L/S(M) 25	1"

X-L Flexible Tube Coupling



X-L Pipe (ID)
15A

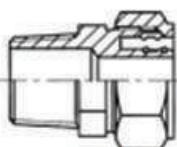
X-L PB Coupling



X-L Pipe (ID)
15A

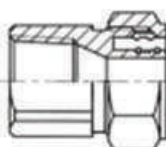
● Sectional View of the Composite Pipe Fittings (KS B 1546)

Male Socket



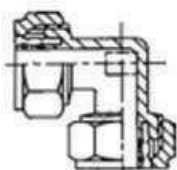
Pipe(O.D) METAPOL	PT Thread
SM 16	1/2"
SM 20	1/2", 3/4"
SM 26	1/2", 3/4", 1"
SM 32	1"
SM 40	1 1/4"

Female Socket



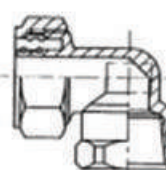
Pipe(O.D) METAPOL	PT Thread
SF 16	1/2"
SF 20	1/2", 3/4"
SF 26	1/2", 3/4", 1"
SF 32	1"
SF 40	1 1/4"

Elbow



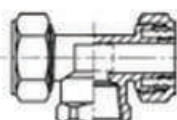
Pipe(O.D) METAPOL	
LL 16	
LL 20	
LL 26	
LL 32	
LL 40	

Female Elbow



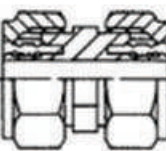
Pipe(O.D) METAPOL	PT Thread
EF 16	1/2"
EF 20	1/2", 1/2"(W)
EF 26	1/2", 3/4", 1"
EF 32	1"
EF 40	1 1/4"

Female Tee



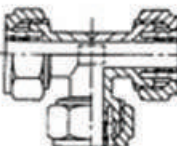
Pipe(O.D) METAPOL	PT Thread
TF 16	1/2"
TF 20	1/2", 3/4"
TF 26	1/2", 3/4", 1"
TF 32	1"
TF 40	1 1/4"

Coupling



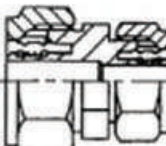
Pipe(O.D) METAPOL	
SU 16	
SU 20	
SU 26	
SU 32	
SU 40	

3-Tee



Pipe(O.D) METAPOL	
TT 16	
TT 20	
TT 26	
TT 32	
TT 40	
TR 1620, TR 2016	
TR 2616, TR 2620	
TR 3220, TR 3226	
TR 4026, TR 4032	
TN 2620	

Reduce



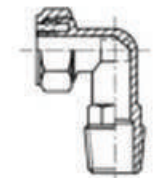
Pipe(O.D) METAPOL	PT Thread
SR 2016	
SR 2620	
SR 3220, SR 3226	
SR 4020, SR 4026, SR 4032	

Cap



Pipe(O.D) METAPOL	
CAP 16	
CAP 20	
CAP 26	

Long Elbow(Male)



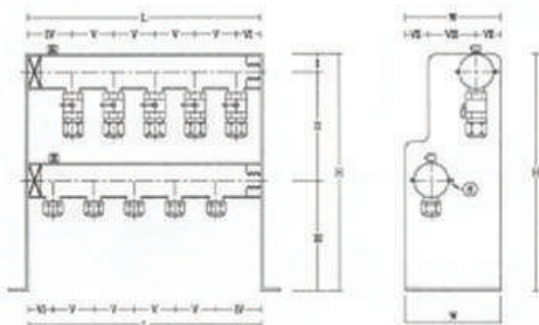
Pipe(O.D) METAPOL	PT Thread
LML 16	1/2"
LML 20	1/2"
LML 26	3/4"

Stainless Steel Heating Water Distributor

Type



Dimension



Features

1. This Product can be used semi permanently and Anti-corrosion cause it made of stainless steel.
2. Pipe connect parts are extremely strong due to all parts are welded.
3. It is lighter, cheaper than a bronze cast one.
4. Product makes a good showing.

Application Oil, Gas

Operating Pressure Under 0.7Mpa

Section	H	L	W	I	II	III	IV	V	VI	VII	VIII
2P	400	160	140	25	160	315	65	60	35	40	60
3P	400	220	140	25	160	315	65	60	35	40	60
4P	400	280	140	25	160	315	65	60	35	40	60
5P	400	340	140	25	160	315	65	60	35	40	60
6P	400	400	140	25	160	315	65	60	35	40	60
7P	400	460	140	25	160	315	65	60	35	40	60
8P	400	520	140	25	160	315	65	60	35	40	60
9P	400	580	140	25	160	315	65	60	35	40	60
10P	400	640	140	25	160	315	65	60	35	40	60

※ Pipe size : $\phi 20$, $\phi 25$, Valve & Fitting size 15mm.

Stainless Steel Flexible Tube fittings

Structure of a Stainless Steel Flexible Tube Fitting

① STS Flexible Tube

② Socket Nut

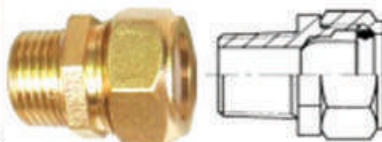
③ Stop Ring

④ Packing

⑤ Valve Socket



Valve Socket



Valve Socket	PT
V/S 15	1/2"
V/S 20	3/4"
V/S 25	1"
V/S 30	1 1/4"

Elbow Socket



Elbow Socket	PT
E/S 15	1/2", 1/2"(W)
E/S 20	3/4"
E/S 25	1"
E/S 30	1 1/4"

Valve Socket(F)



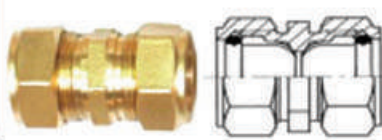
Valve Socket	PT
V/S(F) 15	1/2"
V/S(F) 20	3/4"
V/S(F) 25	1"
V/S(F) 30	1 1/4"

Tee Socket



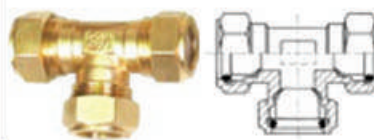
Tee Socket	PT
T/S 15	1/2"
T/S 20	3/4"
T/S 25	1"
T/S 30	1 1/4"

Coupling



Coupling
C/P 15
C/P 20*15, C/P 20
C/P 25*15, C/P 25*20, C/P 25

3-Tee



3-Tee
3T 15
35 20*15*20, 3T 20
3T 25*15*25, 3T 25*20*25, 3T 25

Elbow Socket (W)



Coupling
C/P 15
C/P 20*15, C/P 20
C/P 25*15, C/P 25*20, C/P 25

Long Socket(M)



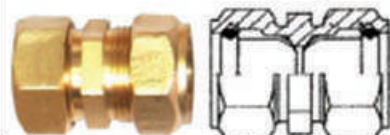
Long Socket(M)	PT
L/S(M) 15	1/2"
L/S(M) 20	3/4"

PB Coupling



Pipe Spec.
15A

Flexible tube Coupling



Pipe Spec.
15A

Flexible tube Coupling Valve



C/P Valve	PT
15	1/2"

Other Fittings

Fittings for Copper Pipe



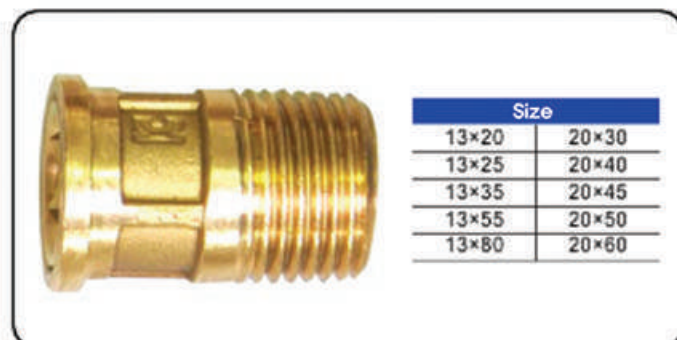
Flare Nipple



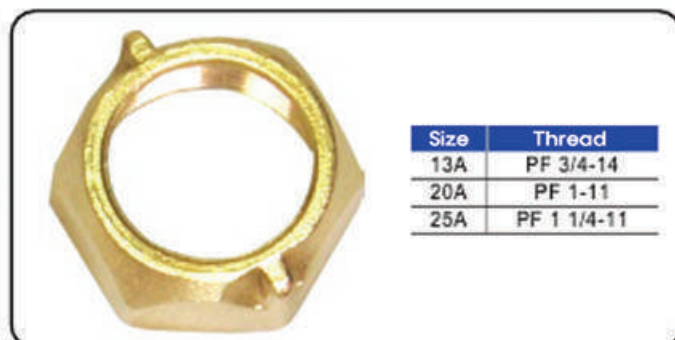
Flare Nut



Water meter Tube



Water meter Nut





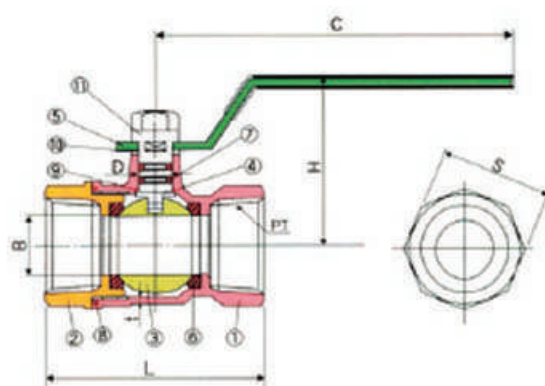
Brass Ball Valves

10kgf/cm³ Forged brass Ball Valve (KS B 2308)

 Korean Standar (KS) Approved Product

Specification

Working Pressure	Max Pressure	Size	Max Temperature	Thread spec
0.98MPa(10kgf/cm ²)	1.37MPa(14kgf/cm ²)	8A~100A	below 80°C	KS B 0222



Part Description

NO	Parts Name	Material Spec	NO	Parts Name	Material Spec
1	Body	C3771 BD-F / YBSC3	7	O-Ring	NBR
2	Cap	C3771 BD-F	8	Seal Ring	NBR
3	Ball	C3604 BD-F / C3771 BD-F	9	Back Packing	PTFE
4	Stem	C3604 BD	10	Handle Parking	PTFE
5	Handle	SS 330	11	Flange Nut	SWRM 8
6	Seat ring	PTFE			

Dimension

Model NO	L	H	S	T(Min.)	D(Min.)	B	C
8A	42.8	33.5	18	2	7	8	63
10A	44.5	33.5	20	2.3	7	8	63
15A	52.7	43.5	26	2.8	8	10	80
20A	54	46	31	2.3	9	15	80
25A	64.5	56.5	38	2.3	11	20	106
32A	78	61.5	47	2.8	11	25	106
40A	84.5	68.5	57	3.3	13	32	142
50A	98	74.5	67	4.3	15	40	142
65A	129	87	84	3.5	18	50	172
80A	146	100	99	4.4	18	65	172
100A	192	106	122	4.5	18	80	172



Ball Valves for hot & cold water

0.98MPa Forged brass Ball Valve (KS B 2308)



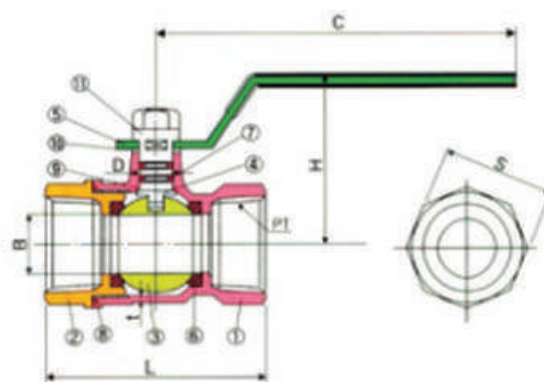
Korean Standard (KS),
Approved Product.



Sanitary & Safety standard (KC)

Specification

Working Pressure	Max Pressure	Size	Max Temperature	Thread spec
0.98MPa(10kgf/cm ²)	1.37MPa(14kgf/cm ²)	15A~50A	below 80℃	KS B 0222



Part Description

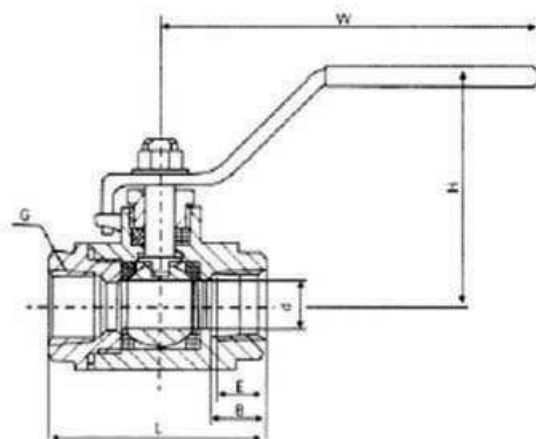
NO	Parts Name	Material Spec	NO	Parts Name	Material Spec
1	Body	C3771 BD-F / YBSC3	7	O-Ring	NBR
2	Cap	C3771 BD-F	8	Seal Ring	NBR
3	Ball	C3604 BD-F / C3771 BD-F	9	Back Packing	PTFE
4	Stem	C3604 BD	10	Handle Parking	PTFE
5	Handle	SS 330	11	Flange Nut	SWRM 8
6	Seat ring	PTFE			

Dimension

Model NO	L	H	S	T(Min.)	D(Min.)	B	C
15A	54	46	31	2.0	11	15	95
20A	64.5	56.5	38	2.0	11	20	97
25A	78	61.5	47	2.0	15	25	114
32A	84.5	68.5	54	2.3	15	32	128
40A	98	74.5	67	2.6	15	40	146
50A	112.3	98.3	67	3.0	15	50	158



Stainless Steel Ball Valves



NO	Parts Name	Material Spec
1	Body	CF8
2	Cap	CF8
3	Ball	SS304
4	Seat	RPTFE
5	Stem	SS304
6	Handle	SS304
7	Packing	PTFE
8	Gasket	PTFE
9	Nut	SS304
10	Handle Cover	PLASTIC
11	Washer	SS304

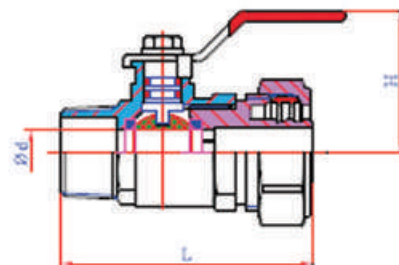
DN	Size	ϕd	L	H	W
8A	1/4"	8	55	42	95
10A	3/8"	10	55	42	95
15A	1/2"	15	62	51	108
20A	3/4"	20	75	58	115
25A	1"	25	85	77	135
32A	1-1/4"	32	102	83	150
40A	1-1/2"	38	108	97	175
50A	2"	50	124	106	190
65A	2-1/2"	65	163	122	220
80A	3"	80	185	133	250
100A	4"	100	225	162	320



Male Screw Lever Handle (KS Head Valves)



0.98MPa(10kgf/cm³) Forged Brass Valve



Size	ϕd	L	t	H
15A	10	62.5	2.3	37.5

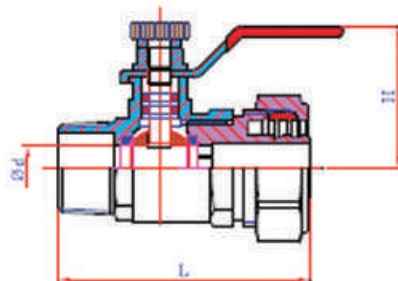
Connection Type :
Out-Polyethylene Pipe Fitting



Male Screw Lever Handle (KS Head Valves)



0.98MPa(10kgf/cm³) Forged Brass Valve



Size	ϕd	L	t	H
15A	10	62.5	2.3	37.5

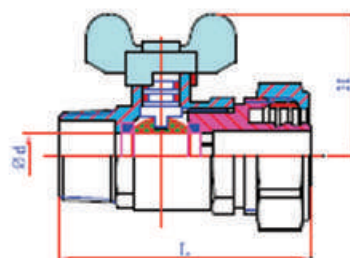
Connection Type : Polyethylene Pipe



Male Screw Butterfly Handle (KS Head Valves)



0.98MPa(10kgf/cm³) Forged Brass Valve



Size	ϕd	L	t	H
12A	10	62.5	2.3	37.5
15A	10	62.5	2.3	37.5

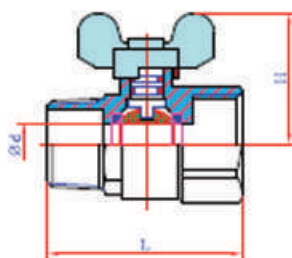
Connection Type : Polyethylene Pipe



Other Valves 1

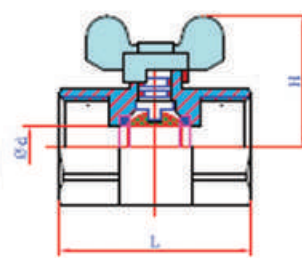
0.98MPa(10kgf/cm³) Forged Brass Valve

● Nipple Valve



Size	ϕd	L	t	H
15A	10	53	2	31.4

● Socket Valve

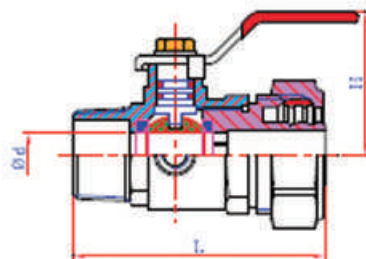


Size	ϕd	L	t	H
15A	10	46	2	31.4



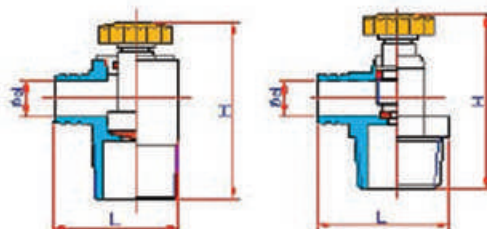
Other Valves 2

● Drain Header Valve



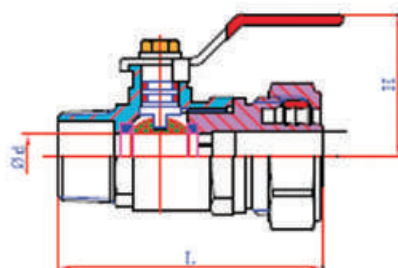
Size	ϕd	L	t	H
12A	10	58.5	2	31.4
15A	10	57	2	31.4

● Drain Air Valve



Size	ϕd	L	H
15A(S)	8	31.5	40
15A(L)	8	31.4	414

● PPC Header Valve



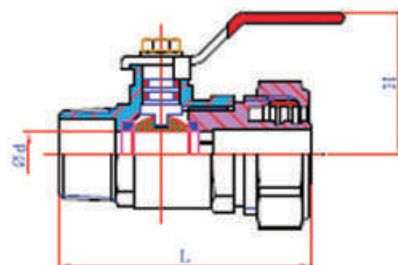
Size	ϕd	L	t	H
15A	14.5	70	2.3	37



Other Valves 3

0.98MPa(10kgf/cm³) Forged Brass Valve

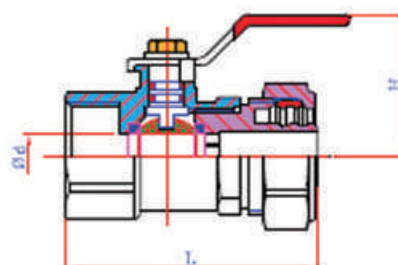
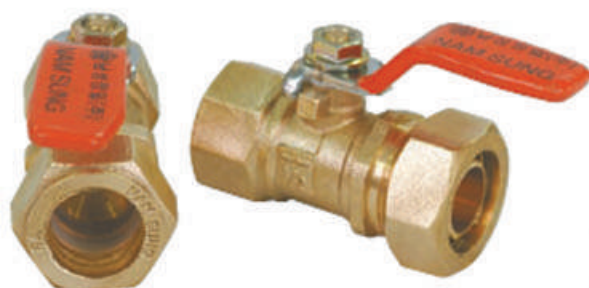
Header Valve(M)



Size	Φd	L	t	H
12A	10	58.5	2	31.4
15A	10	57	2	31.4

Connection Type : Polyethylene Pipe
Handle Type : Butterfly & Lever Handle

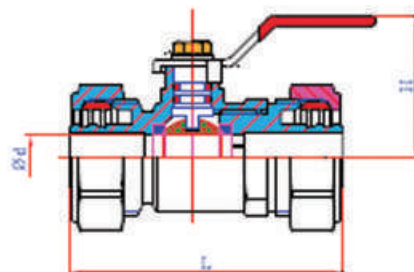
F Header Valve(X-L, Flexible Pipe)



Size	Φd	L	t	H
15A	10	56.5	2	31.4

Connection Type : Polyethylene, Flexible Pipe
Handle Type : Lever Handle

Coupling Valve



Size	Φd	L	t	H
15A(S)	10	60.15	2.2	31.4
15A(L)	10.5	72	3.2	40
20A	14.5	73	2.4	40

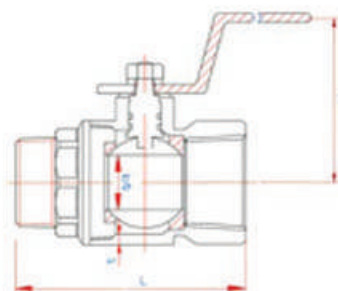
Connection Type : Polyethylene, Composite Pressure Pipe



Other Valves

0.98MPa(10kgf/cm³) Forged Brass Valve

M Ball Valve



Size	Φd	L	t	H
15A	14.5	58.5	2	31.4
20A	20	57	2	31.4
25A	25	73	2.4	40

Reducing Valve

Application

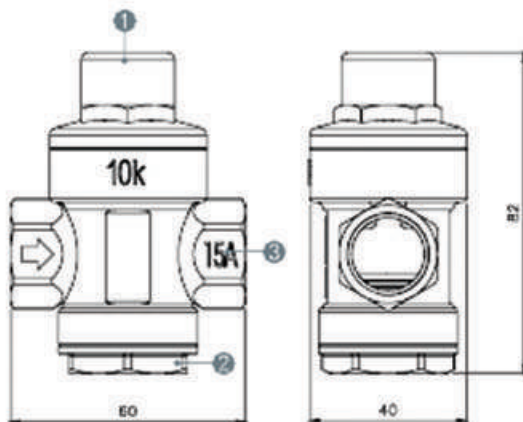
Reduce and maintain pressure of water



NRV-1

Features

- 1 It use for gas & oil boiler, heat exchanger, electric water-heater. Also it helps securing the satability and improve efficiency of machine.
- 2 This product can reduce pressure for individual house holders. Especially it can control water pressure from tall building's water tank.
- 3 This product gives high performance for reduce water pressure and You can adjust the pressure by your selves.
- 4 There is 12A measuring instrument at output area so it's possible to see and check the pressure.
- 5 Vertically, horizontality installation is possible and tactial quiet due to it is specially designed.

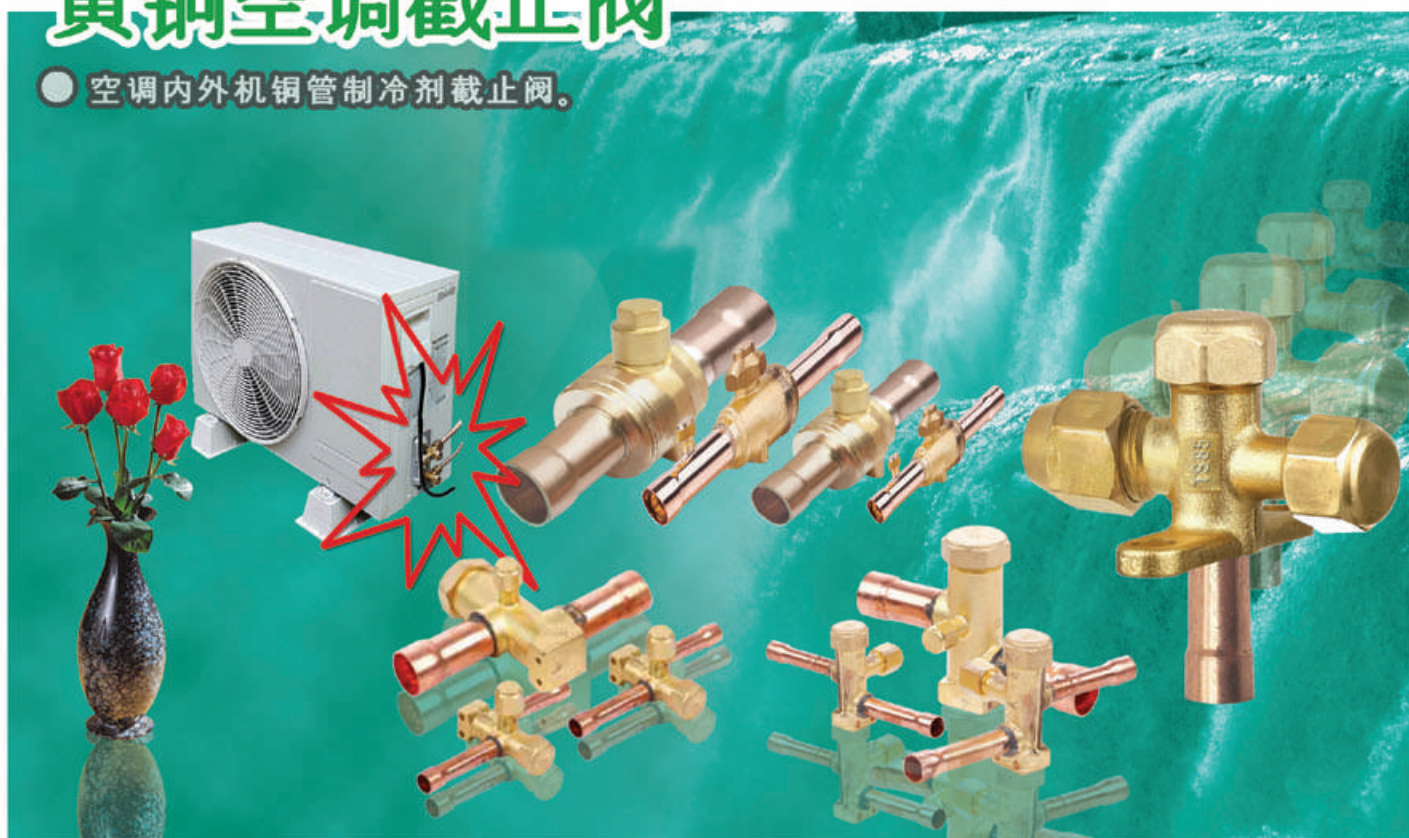


NRV-1

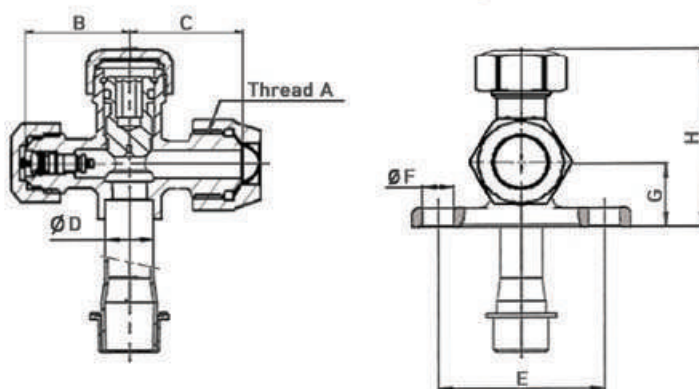
MODEL	NRV-1
Size (mm)	15A, 20A Union
Use presure (kgf/cm ²)	Under 10
Available range (kgf/cm ²)	0.5~8
Use temperature (°C)	5~60
Flow rate (Q/min)	1kgf/cm ² , Over 15Q/min
Applied fluid	Water
Pressure test	3 Minute at 17.5kgf/cm ² of water pressure.

黄铜空调截止阀

● 空调内外机铜管制冷剂截止阀。



► 黄铜空调截止阀（空调内外机铜管制冷剂截止阀）。



● 规格及尺寸

Model	Connection Cu-Pipe (ϕ D)		Thread (A)	Dimensions (mm)					
	inch	mm		B	C	E	ϕ F	G	H
TS14	1/4"	ϕ 6.35	7/16-20 UNF	28	23.5	38	7.2	14	36
TS38	3/8"	ϕ 9.52	5/8-18 UNF	28	25.0	38	7.2	14.5	41
TS12	1/2"	ϕ 12.7	3/4-16 UNF	28	32.0	38	7.2	16	44
TS58	5/8"	ϕ 15.88	7/8-14 UNF	30	35.0	38	7.2	18	50
TS34	3/4"	ϕ 19.05	1-1/16-14 UNS	32	48.5	44	7.2	25	64

► 截止阀是什么呢？



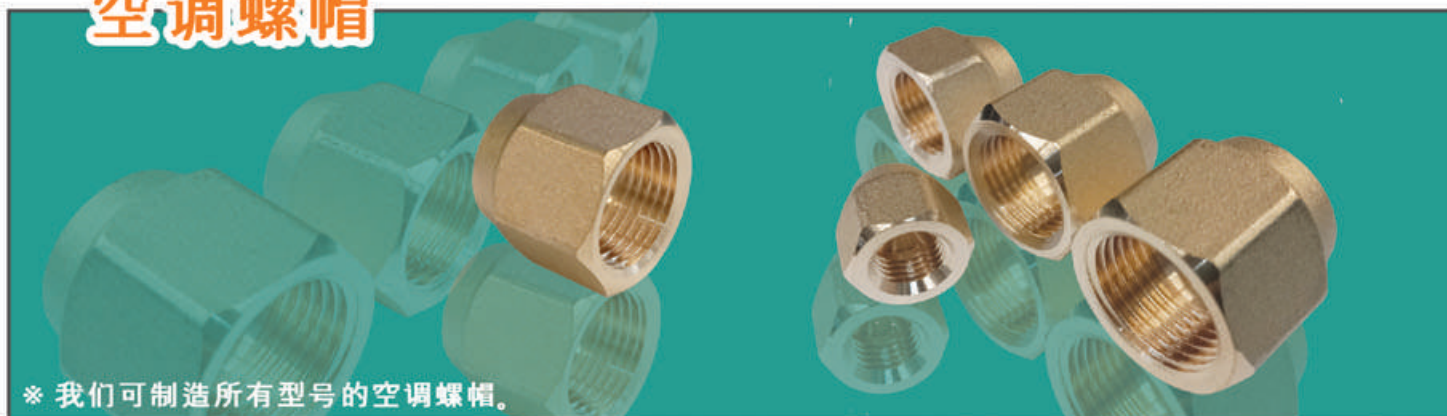
截止阀用于家庭用空调内外机连接的铜管制冷剂调节截止阀。
可广泛适用于冷却系统。

利用开关球阀内部安装的阀杆及阀芯控制制冷剂的流动。

● 使用条件及规格

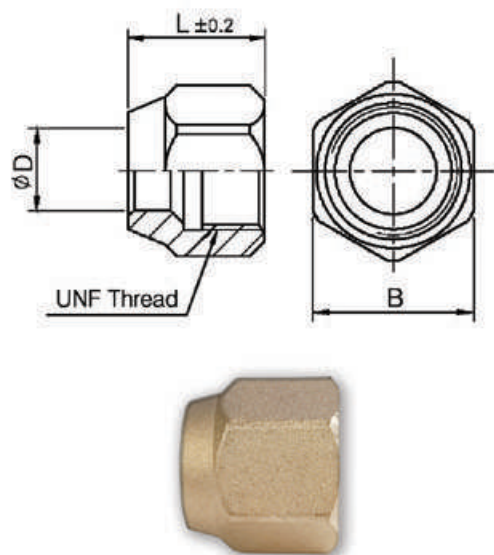
- 正常使用温度：min -30℃ / max +120℃
- 最大使用压力：4.5 MPa(45 bar)
- 适用制冷剂：使用普通HFC和HFO系列的制冷剂时如下。
R410A, R32, R134a , R404A, R507, R290, R407C, R22 等

空调螺帽



※ 我们可制造所有型号的空調螺帽。

※ 空調螺帽用于连接铜管。



※ 规格

NO	Type	Size	Thread	Dimensions (mm)		
				B	L	φ D
1	Normal Type	1/4"(8A)	7/16-20 UNF	17	16.0	6.5
2		3/8"(12A)	5/8-18 UNF	22	18.0	9.7
3		1/2"(15A)	3/4-16 UNF	24	22.0	13
4		5/8"(19A)	7/8-14 UNF	27	23.6	16.1
5		3/4"(20A)	1-1/16-14 UNS	36	29.0	19.2
6	Long neck Type	1/4"(8A)	1/4"(8A)	17	19	6.5
7		3/8"(12A)	3/8"(12A)	22	28	9.7
8		1/2"(15A)	1/2"(15A)	24	26	13
9		5/8"(19A)	5/8"(19A)	27	36	16.1

※ 我们可制造所有型号的空調螺帽。

◎ Test Report, Association Certificate



► Business performance

港华投资有限公司
四川新区改造工程
四川彭改工程
佛山市日丰企业有限公司
福州五亭花园
广州阳光水榭花园

新奥能源销售有限公司
吉林富奥小区
吉林热力小区
广东鸿州花园
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天星阀业

KUNSHAN TIANXING VALVE

Our Advanced Forging Mechanism



□ 我们的最新锻造设备！

锻造品介绍



Aluminum Parts



KUNSHAN TIANXING VALVE

锻造品及管子介绍



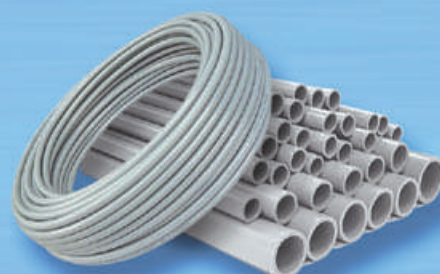
► 管子介绍



X-L PIPE



波纹管 PIPE



PB PIPE

MEMO

We Maximize Your Value!



昆山天星阀业有限公司

ADD : 江苏省昆山市淀山湖镇北苑路7号

TEL : +0086-512-57486002

FAX : +0086-512-57488002