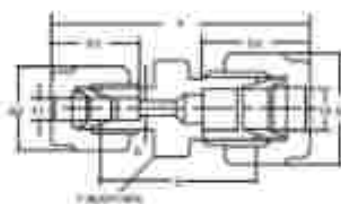




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**EQUAL UNION / 卡套式异径直通接头
(METRIC)**

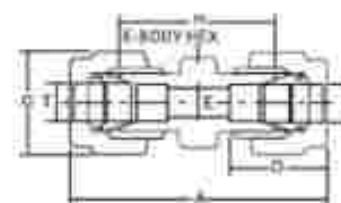
RU 型



TUBE T1	T2	CATALOG NUMBER	A	D2	E	F	G1	G2	H
18	3/8	RU-015-01	36.6	12.7	2.3	12	11.11	12.70	23.4
18	1/2	RU-02-01	36.6	12.7	2.3	14	11.11	14.28	24.6
3/16	1/4	RU-02-015	39.4	13.7	3.0	14	12.70	14.28	25.4
18	3/8	RU-025-01	42.2	15.2	2.3	16	12.70	15.87	27.4
14	5/16	RU-025-02	42.2	15.2	2.3	16	14.28	15.87	27.4
18	3/8	RU-03-01	43.2	15.2	4.8	17	12.70	17.46	28.4
14	3/8	RU-03-02	43.2	15.2	4.8	17	14.28	17.46	28.4
18	1/2	RU-04-01	45.2	16.8	6.4	17	15.87	19.05	29.5
18	1/2	RU-04-01	45.2	12.7	2.3	22	11.11	22.22	28.4
18	1/2	RU-04-02	45.2	12.7	2.3	22	15.87	22.22	29.5
38	1/2	RU-04-03	48.5	16.8	7.0	22	17.46	22.22	31.0
38	1/2	RU-04-03	48.5	16.8	7.0	24	17.46	25.40	31.8
12	5/8	RU-05-04	52.1	22.9	10.0	24	17.46	25.40	31.8
18	3/4	RU-06-01	50.8	16.8	7.0	27	17.46	28.57	33.3
38	3/4	RU-06-03	50.8	16.8	7.0	27	17.46	28.57	33.3
58	3/4	RU-06-05	53.6	24.4	12.0	27	25.40	28.57	33.3
18	1	RU-08-01	62.7	24.4	16.0	30	20.91	38.10	40.0
34	1	RU-08-06	62.7	24.4	16.0	35	28.57	38.10	40.4

**EQUAL UNION / 卡套式直通接头
(METRIC)**

U 型



TUBE OD	CATALOG NUMBER	A	D	E	F	G	H
2	U-2-0	35.6	12.9	1	10	10	22.4
3	U-3-0	37.3	12.9	1	12	12	24.1
4	U-4-0	37.3	13.7	3	12	12	24.1
6	U-6-0	43.2	15.2	4	14	14	28.2
8	U-8-0	43.2	16.2	6	14	17	28.2
12	U-12-0	51.2	17.8	10	16	16	30.2
12	U-12-0	51.2	22.8	10	22	22	31.0
15	U-15-0	52.0	24.4	11	24	27	31.8
15	U-15-0	52.0	24.4	11	24	27	31.8
18	U-18-0	53.5	24.4	14	27	30	33.3
22	U-22-0	55.0	26.0	18	30	32	34.6
22	U-22-0	55.0	26.0	18	30	32	34.6

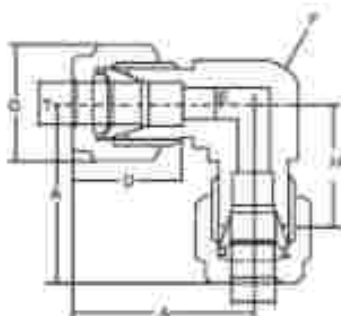
(FRACTIONAL)

TUBE OD	CATALOG NUMBER	A	D	E	F	G	H
1/16	U-005-0	25.1	8.6	1	10	10	17.5
1/8	U-010-0	30.8	12.7	3	12	12	20.4
3/16	U-015-0	37.3	13.7	3	12	12	24.1
1/4	U-020-0	39.4	15.2	4	14	14	25.4
3/8	U-03-0	45.0	16.8	7	17	17	30.2
1/2	U-04-0	48.5	18.8	10	22	22	31.8
5/8	U-05-0	52.1	24.4	12	24	27	31.8
3/4	U-06-0	53.6	24.4	16	27	30	33.3
1	U-08-0	64.8	24.4	16	35	38	40.4

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED, AND FOR RESISTANCE SUBJECT TO CHANGE.
上述尺寸数据仅供参考, 如有需要请与本公司联系, 本公司将提供详细工厂规格。

**UNION ELBOW / 卡套式弯头
(METRIC)**

UE 型



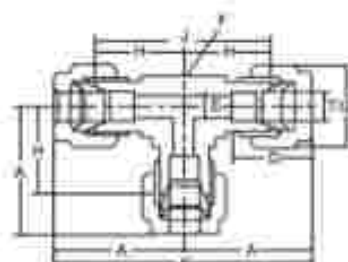
TUBE O.D.	CATALOG NUMBER	A	B	C	D	E	F	G	H
3	UE-3-0	23.8	12.9	2	12	10	15.7		
4	UE-4-0	25.4	13.7	3	12	12	16.5		
6	UE-6-0	27.0	15.3	5	12	14	19.8		
8	UE-8-0	28.6	16.5	8	12	17	23.9		
10	UE-10-0	31.5	17.2	8	17	19	23.9		
12	UE-12-0	33.0	18.8	10	24	27	28.7		
14	UE-14-0	38.9	24.4	10	24	27	28.7		
16	UE-16-0	38.9	24.4	12	24	27	28.7		
18	UE-18-0	41.3	26.0	12	30	32	34.5		
20	UE-20-0	44.6	26.0	18	30	32	34.5		
25	UE-25-0	49.1	31.3	21	34	38	36.8		

(FRACTIONAL)

1/8	UE-01-0	22.4	12.7	3	12	12	16.5		
1/4	UE-02-0	27.0	15.2	5	12	14	19.8		
3/8	UE-03-0	30.5	16.8	8	17	17	23.1		
1/2	UE-04-0	33.0	18.8	10	24	27	28.7		
5/8	UE-05-0	38.9	24.4	12	24	27	28.7		
3/4	UE-06-0	41.3	26.0	12	30	32	34.5		
7/8	UE-07-0	44.6	26.0	18	30	32	34.5		
1	UE-08-0	49.1	31.3	21	34	38	36.8		

**UNION TEE / 卡套式三通接头
(METRIC)**

UT 型



TUBE O.D.	CATALOG NUMBER	A	B	C	D	E	F	G	H	J	K
3	UT-3-0	23.8	12.9	2	12	10	15.7	31.5	47.2		
4	UT-4-0	25.4	13.7	3	12	12	16.5	37.5	53.9		
6	UT-6-0	27.0	15.3	5	12	14	19.8	39.4	53.9		
8	UT-8-0	28.6	16.5	8	12	17	23.9	47.8	63.0		
10	UT-10-0	31.5	17.2	8	17	19	23.9	47.8	63.0		
12	UT-12-0	33.0	18.8	10	24	27	28.7	57.4	77.8		
14	UT-14-0	38.9	24.4	10	24	27	28.7	57.4	77.8		
16	UT-16-0	38.9	24.4	12	24	27	28.7	57.4	77.8		
18	UT-18-0	41.3	26.0	12	30	32	34.5	69.1	89.3		
20	UT-20-0	44.6	26.0	18	30	32	34.5	69.1	89.3		
25	UT-25-0	49.1	31.3	21	35	38	36.8	73.7	98.3		

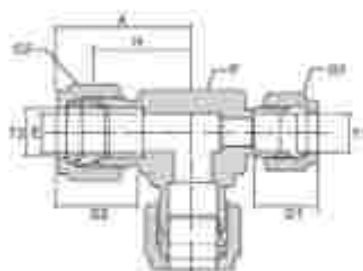
(FRACTIONAL)

1/8	UT-01-0	22.4	12.7	3	12	10	16.5	31.5	47.2		
1/4	UT-02-0	27.0	15.2	5	12	14	19.8	39.4	53.9		
3/8	UT-03-0	30.5	16.8	8	17	17	23.1	47.2	63.0		
1/2	UT-04-0	33.0	18.8	10	24	27	28.7	57.4	77.8		
5/8	UT-05-0	38.9	24.4	12	24	27	28.7	57.4	77.8		
3/4	UT-06-0	41.3	26.0	12	30	32	34.5	69.1	89.3		
7/8	UT-07-0	44.6	26.0	18	30	32	34.5	69.1	89.3		
1	UT-08-0	49.1	31.3	21	35	38	36.8	73.7	98.3		

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. SIZE FOR REFERENCE ONLY. TO CHANGE.
以上尺寸单位为毫米，除非另有说明，否则仅供参考。尺寸仅供参考，不作为生产依据。

**UNION TEE / 卡套式三通接头
(METRIC)**

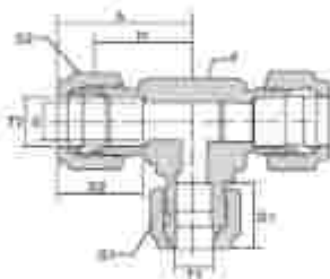
RUBT 型



TUBE O.D.		CATALOG								
T1	T2	NUMBER	A	D1	D2	E	F	G1	G2	H
1/4	3/8	RUBT-03-02	30.5	15.2	19.3	4.8	15.87	14.28	17.46	21.3
1/4	1/2	RUBT-03-03	36.1	15.2	21.8	4.8	20.63	14.28	20.63	25.9
3/8	1/2	RUBT-04-03	36.1	16.8	21.8	7.0	20.63	17.46	20.63	25.9
3/8	3/4	RUBT-06-03	39.9	16.8	21.8	7.0	26.98	17.46	26.97	29.7
3/8	1	RUBT-08-03	49.0	16.8	26.4	7.0	34.92	17.46	38.10	36.8
3/4	1	RUBT-08-06	49.0	24.4	26.4	16.0	34.92	26.57	38.10	36.8

**UNION TEE / 卡套式三通接头
(METRIC)**

RUT 型

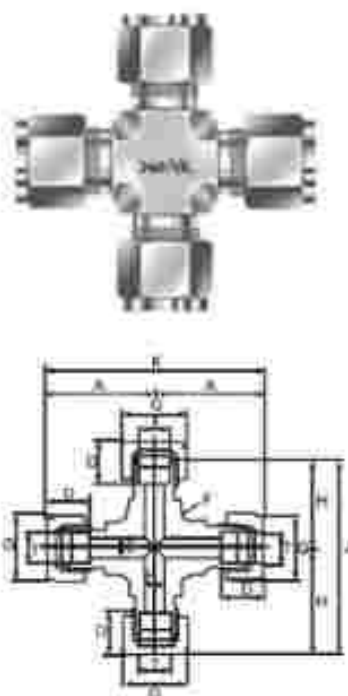


TUBE O.D.		CATALOG									
T1	T2	NUMBER	A	D1	D2	E	F	G1	G2	H	
1/4	3/8	RUT-03-02	30.5	15.2	19.3	4.8	15.87	14.28	17.46	21.3	
1/4	1/2	RUT-04-03	36.1	15.2	21.8	4.8	20.63	14.28	20.63	25.9	
3/8	1/2	RUT-04-03	36.1	16.8	21.8	7.0	20.63	17.46	20.63	25.9	
3/8	3/4	RUT-06-03	39.9	16.8	21.8	7.0	26.98	17.46	26.97	29.7	
3/8	1	RUT-08-03	49.0	16.8	26.4	7.0	34.92	17.46	38.10	36.8	
3/4	1	RUT-08-06	49.0	24.4	26.4	16.0	34.92	26.57	38.10	36.8	

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. LIST FOR REFERENCE SUBJECT TO CHANGE.
上列尺寸单位为毫米，除非另有规定，否则应参照本工厂规格。

**UNION CROSS / 卡套式四通接头
(METRIC)**

UCR 型



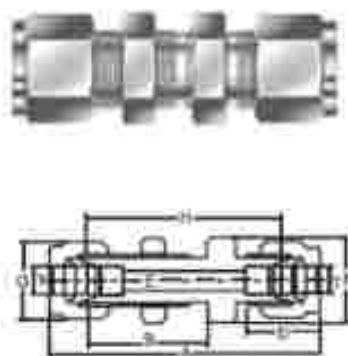
TUBE O.D. (mm)	CATALOG NUMBER	A	B	C	D	E	F	G	H	J	K
3	UCR-3-0	25.5	14.0	2.4	12	10	18.5	37	51.0		
4	UCR-4-0	28.5	15.2	3	13	11	20	40	54.0		
6	UCR-6-0	30.5	16.5	6	14	17	23	46	61.0		
8	UCR-8-0	33.5	17.8	8	15	19	25	50	66.0		
12	UCR-12-0	37.0	23.6	10	20	22	26	52	74.0		
15	UCR-15-0	38.5	24.4	12	21	23	27	54	77.0		
18	UCR-18-0	39.8	24.4	14	27	31	29.7	59.4	79.6		
22	UCR-22-0	44.5	26.0	16	30	33	34.1	68.0	88.0		
25	UCR-25-0	48.1	31.3	21	35	38	36.8	73.8	98.2		

(FRACTIONAL)

1/8	UCR-01-0	25.5	14.0	2	12	10	18.5	37	51.0		
1/4	UCR-02-0	30.2	15.2	5	14	14	23	46	60.4		
3/8	UCR-03-0	31.5	16.8	8	17	19	24	48	63.0		
1/2	UCR-04-0	33.5	17.8	10	19	21	25	50	66.0		
5/8	UCR-05-0	38.8	24.4	12	24	27	28.7	57.4	77.6		
3/4	UCR-06-0	39.8	24.4	14	27	31	29.7	59.4	79.6		
7/8	UCR-07-0	44.7	26.0	18	30	32	34.5	68.0	89.4		
1	UCR-08-0	48.5	31.3	21	35	38	36.8	73.8	98.0		

**BULKHEAD UNION// 卡套式穿板直通接头
(METRIC)**

BU 型



TUBE O.D.	CATALOG NUMBER	A	B	C	D	E	F	G	H	PANEL HOLE SIZE	MAX. PANEL THICK.
6	BU-6-0	57.7	26.2	15.3	5	17	14	42.9	11.5	10.2	
8	BU-8-0	61.2	28.5	16.5	6	18	15	46.0	11.5	11.2	
10	BU-10-0	63.7	29.4	17.2	8	19	16	48.5	16.3	11.2	
12	BU-12-0	70.7	31.5	22.9	10	20	17	50.5	16.5	12.7	
14	BU-14-0	72.6	32.5	24.4	10	27	27	52.3	22.5	12.7	
15	BU-15-0	72.6	32.5	24.4	11	27	27	52.3	22.5	12.7	
16	BU-16-0	73.5	32.5	24.4	13	27	27	52.3	22.8	12.7	
18	BU-18-0	81.4	39.5	24.4	16	27	27	52.3	26.0	16.8	
20	BU-20-0	84.5	42.9	26.0	18	35	32	64.3	29.0	23.9	
22	BU-22-0	85.2	42.9	26.0	18	35	32	64.3	29.0	23.9	
25	BU-25-0	98.5	50.0	31.3	21	40	38	75.5	33.2	26.0	

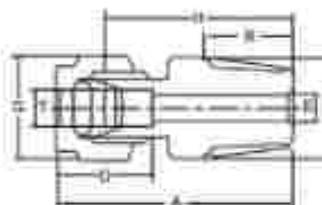
(FRACTIONAL)

1/8	BU-01-0	51.3	24.8	12.7	2.3	14	12	38.1	11.5	10.2	
1/4	BU-02-0	57.7	26.0	15.2	5	17	14	42.9	11.5	10.2	
3/8	BU-03-0	61.2	28.5	16.5	8	18	15	46.0	11.5	11.2	
1/2	BU-04-0	63.7	29.4	17.2	10	19	16	48.5	16.3	11.2	
5/8	BU-05-0	72.6	32.5	24.4	12	24	27	52.3	26.0	16.8	
3/4	BU-06-0	73.5	32.5	24.4	13	27	27	52.3	22.8	12.7	
7/8	BU-07-0	84.6	42.9	25.9	18	27	32	64.3	29.0	23.9	
1	BU-08-0	85.2	42.9	25.9	18	35	32	64.3	29.0	23.9	

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. ONLY FOR REFERENCE. SUBJECT TO CHANGE.
以上尺寸单位为毫米，除非另有说明。仅供参考。如有变更恕不另行通知。

**MALE CONNECTOR / 卡套式外螺纹接头
(METRIC)**

MC 型

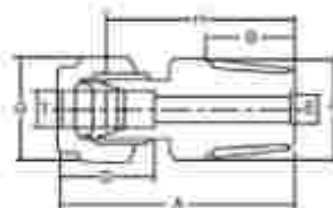


T TUBE O.D.	PT-NPT CATALOG MALE PIPE NUMBER SIZE	A	B	D	E	F	G	H
2	1/8 MC-2-1	32.8	10	12.9	1	10	10	24.2
3	1/8 MC-3-1	33.8	10	12.9	1	10	10	24.2
3	1/4 MC-3-2	34.4	13	12.9	2	14	10	27.8
4	1/4 MC-4-1	35.1	10	13.7	1	10	12	28.5
4	1/4 MC-4-2	35.1	13	13.7	3	14	12	28.5
4	1/2 MC-4-4	41.1	17	13.7	3	22	12	34.5
5	1/2 MC-5-2	42.2	10	15.3	2	14	14	29.3
5	1/2 MC-5-3	42.2	13	15.3	5	14	14	29.3
6	1/2 MC-6-4	42.7	17	15.3	5	22	14	35.3
6	3/8 MC-6-1	37.5	10	16.2	1	14	17	30.0
6	3/8 MC-6-2	37.5	13	16.2	6	14	17	30.0
6	3/8 MC-6-3	37.5	17	16.2	6	22	17	36.1
8	1/2 MC-8-4	43.6	17	16.2	6	22	17	36.1
10	1/4 MC-10-2	39.7	13	17.2	6	19	19	32.1
10	1/2 MC-10-4	44.5	17	17.2	8	22	19	36.8
10	3/8 MC-10-3	43.6	10	17.2	6	22	19	36.8
12	1/8 MC-12-1	39.1	10	22.8	5	22	22	29.0
12	3/8 MC-12-3	43.2	14	22.8	8	22	22	33.1
12	3/4 MC-12-6	50.5	19	22.8	10	27	22	40.4
14	3/8 MC-14-3	43.0	14	24.4	8	24	27	33.8
14	3/4 MC-14-6	50.5	19	24.4	10	27	27	40.4
14	1/2 MC-14-4	48.0	17	24.4	10	24	27	36.9
15	1/2 MC-15-4	48.0	17	24.4	10	24	27	36.9
16	3/8 MC-16-3	43.9	14	24.4	8	24	27	33.8
16	3/4 MC-16-6	50.5	19	24.4	12	27	27	40.4
18	1/2 MC-18-4	48.5	17	24.4	10	27	30	38.4
18	3/4 MC-18-6	55.3	22	24.4	15	34	30	45.2
20	3/4 MC-20-6	52.3	19	26.0	15	30	32	42.2
22	3/4 MC-22-6	52.3	19	26.0	18.5	30	32	42.2
25	1/2 MC-25-4	55.5	17	31.3	10	34	36	43.2
25	3/4 MC-25-6	60.4	22	31.3	20	34	36	48.1

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. MAY FOR DIFFERENCE DUE TO CHANGE.
(尺寸单位为毫米, 除非另有说明。本尺寸表仅供参考, 不作为制造依据。)

**MALE CONNECTOR / 卡套式外螺纹接头
(FRACTIONAL)**

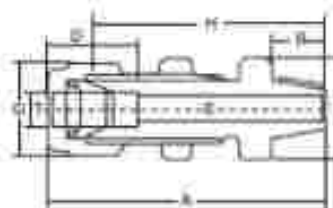
MC 型



T TUBE O.D.	PT-NPT MALE PIPE SIZE	CATALOG NUMBER	A	B	D	E	F	G	H
1/16	1/8	MC-01-1	26.5	10	8.6	1	10	10	22.7
1/16	1/8	MC-01-2	26.5	10	8.6	1	10	10	22.7
1/8	1/8	MC-01-1	30.8	10	12.7	3	12	10	24.3
1/8	1/8	MC-01-2	30.8	10	12.7	3	12	10	24.3
1/8	3/16	MC-01-3	35.6	14	12.7	3	17	10	29.0
1/8	3/16	MC-01-4	35.6	14	12.7	3	17	10	29.0
3/16	1/8	MC-02-1	21.5	10	12.7	3	12	12	24.3
3/16	1/8	MC-02-2	21.5	10	12.7	3	12	12	24.3
1/4	1/8	MC-02-1	33.1	10	15.3	5	14	14	27.7
1/4	1/8	MC-02-2	33.1	10	15.3	5	14	14	27.7
1/4	3/16	MC-02-3	38.2	14	15.3	5	17	14	30.8
1/4	3/16	MC-02-4	38.2	14	15.3	5	17	14	30.8
1/4	1/2	MC-02-5	46.1	19	18.3	6	27	14	38.4
1/4	1/2	MC-02-6	46.1	19	18.3	6	27	14	38.4
3/8	1/4	MC-03-1	58.8	13	18.3	8	17	17	31.3
3/8	1/4	MC-03-2	58.8	13	18.3	8	17	17	31.3
3/8	1/2	MC-03-3	63.5	17	18.3	8	22	17	36.8
3/8	1/2	MC-03-4	63.5	17	18.3	8	22	17	36.8
1/2	1/8	MC-04-1	39.3	10	22.8	8	22	22	29.0
1/2	1/8	MC-04-2	39.3	10	22.8	8	22	22	29.0
1/2	3/16	MC-04-3	43.2	14	22.8	8	22	22	33.1
1/2	3/16	MC-04-4	43.2	14	22.8	8	22	22	33.1
1/2	1/4	MC-04-5	50.4	19	22.8	10	27	22	40.3
1/2	1/4	MC-04-6	50.4	19	22.8	10	27	22	40.3
5/8	1/8	MC-05-1	43.2	14	24.4	8	24	27	33.8
5/8	1/8	MC-05-2	43.2	14	24.4	8	24	27	33.8
5/8	3/16	MC-05-3	50.4	19	24.4	10	27	27	40.3
5/8	3/16	MC-05-4	50.4	19	24.4	10	27	27	40.3
3/4	1/4	MC-06-1	50.4	19	24.4	15	27	30	40.3
3/4	1/4	MC-06-2	50.4	19	24.4	15	27	30	40.3
1	1/2	MC-06-3	58.8	17	31.3	10	36	38	43.1
1	1/2	MC-06-4	58.8	17	31.3	10	36	38	43.1
1	1	MC-08-1	60.4	22	31.3	20	36	38	48.1

**BULKHEAD MALE CONNECTOR / 卡套式外螺纹穿板接头
(METRIC)**

BMC 型



TUBE O.D.	PT-NPT PIPE SIZE	CATALOG NUMBER	A	B	D	E	F	G	H	I	PANEL HOLE SIZE	MAX PANEL THICK.
6	1/8	BMC-6-1	50.0	10	15.3	5	17	14	42.4	11.5	10.2	10.2
6	1/8	BMC-6-2	50.0	10	15.3	5	17	14	42.4	11.5	10.2	10.2
8	3/16	BMC-8-3	54.9	14	15.3	5	17	14	40.9	11.5	10.2	10.2
8	3/16	BMC-8-4	54.9	14	15.3	5	17	14	40.9	11.5	10.2	10.2
8	1/8	BMC-8-1	53.4	10	16.2	8	19	17	38.4	13.1	11.2	11.2
8	1/8	BMC-8-2	53.4	10	16.2	8	19	17	38.4	13.1	11.2	11.2
8	3/16	BMC-8-3	57.4	14	16.2	8	19	17	42.4	13.1	11.2	11.2
8	3/16	BMC-8-4	57.4	14	16.2	8	19	17	42.4	13.1	11.2	11.2
10	1/4	BMC-10-3	58.0	13	17.2	8	19	19	42.0	16.3	11.2	11.2
10	1/4	BMC-10-4	58.0	13	17.2	8	19	19	42.0	16.3	11.2	11.2
10	1/2	BMC-10-4	59.0	17	17.2	8	24	19	47.0	16.3	11.2	11.2
10	1/2	BMC-10-5	59.0	17	17.2	8	24	19	47.0	16.3	11.2	11.2
12	3/8	BMC-12-3	63.2	14	22.8	10	24	22	43.4	19.5	12.7	12.7
12	3/8	BMC-12-4	63.2	14	22.8	10	24	22	43.4	19.5	12.7	12.7

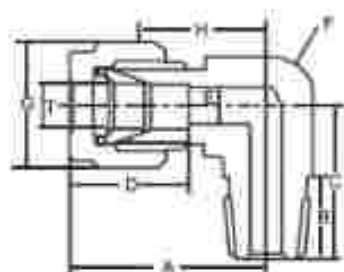
(FRACTIONAL)

1/4	1/8	BMC-02-1	50.8	10	15.3	5	17	14	42.4	11.5	10.2	10.2
1/4	1/8	BMC-02-2	50.8	10	15.3	5	17	14	42.4	11.5	10.2	10.2
1/4	3/16	BMC-02-3	54.9	14	15.3	5	17	14	40.9	11.5	10.2	10.2
1/4	3/16	BMC-02-4	54.9	14	15.3	5	17	14	40.9	11.5	10.2	10.2
3/8	1/4	BMC-03-1	57.4	13	16.8	8	19	17	42.0	16.3	11.2	11.2
3/8	1/4	BMC-03-2	57.4	13	16.8	8	19	17	42.0	16.3	11.2	11.2
3/8	1/2	BMC-03-3	63.5	17	16.8	8	22	17	47.0	16.3	11.2	11.2
3/8	1/2	BMC-03-4	63.5	17	16.8	8	22	17	47.0	16.3	11.2	11.2
1/2	3/8	BMC-04-1	63.2	14	22.8	10	24	22	43.7	18.5	12.7	12.7
1/2	3/8	BMC-04-2	63.2	14	22.8	10	24	22	43.7	18.5	12.7	12.7

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. ONLY FOR REFERENCE. SUBJECT TO CHANGE.
 以上尺寸单位为毫米, 除非另有说明, 否则均为参考尺寸, 恕不另行通知。

**MALE ELBOW / 卡套式外螺纹弯头
(METRIC)**

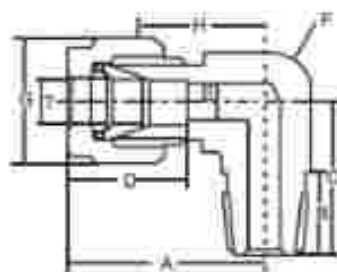
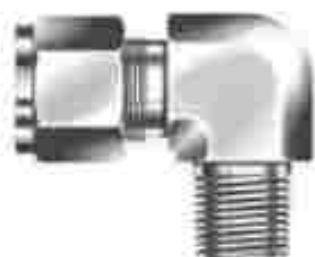
ME 型



T. TUBE O.D.	PT-NPT MALE PIPE SIZE	CATALOG NUMBER	A	B	C	D	E	F	G	H
3	1/8	ME-3-1	25.4	10	19.8	13	2.4	12	12	18.8
3	1/8	ME-3-2	25.4	10	19.8	13	2.4	12	12	18.8
4	1/8	ME-4-1	25.4	10	19.1	13.7	3	12	12	18.8
4	1/8	ME-4-2	25.4	10	19.1	13.7	3	12	12	18.8
4	3/8	ME-4-3	28.4	14	26.0	13.7	3	17	12	21.8
4	3/8	ME-4-4	28.4	14	26.0	13.7	3	17	12	21.8
6	1/8	ME-6-1	27.0	10	19.1	15.3	5	12	14	19.6
6	1/8	ME-6-2	27.0	10	19.1	15.3	5	12	14	19.6
6	3/8	ME-6-3	29.8	14	26.0	15.3	5	17	14	22.4
6	3/8	ME-6-4	29.8	14	26.0	15.3	5	17	14	22.4
8	1/8	ME-8-1	28.8	10	20.1	16.2	6	14	17	21.3
8	1/8	ME-8-2	28.8	10	20.1	16.2	6	14	17	21.3
8	3/8	ME-8-3	30.6	14	26.0	16.2	6	17	17	23.1
8	3/8	ME-8-4	30.6	14	26.0	16.2	6	17	17	23.1
10	1/8	ME-10-1	31.5	10	21.9	17.2	8	17	19	23.9
10	1/8	ME-10-2	31.5	10	21.9	17.2	8	17	19	23.9
10	3/8	ME-10-3	31.5	14	26.0	17.2	8	17	19	23.9
10	3/8	ME-10-4	31.5	14	26.0	17.2	8	17	19	23.9
12	1/8	ME-12-1	36.0	10	25.7	22.8	10	22	22	25.9
12	1/8	ME-12-2	36.0	10	25.7	22.8	10	22	22	25.9
12	3/8	ME-12-3	36.0	14	28.0	22.8	10	22	22	25.9
12	3/8	ME-12-4	36.0	14	28.0	22.8	10	22	22	25.9
12	3/4	ME-12-5	38.8	19	26.8	22.8	10	27	22	29.7
12	3/4	ME-12-6	38.8	19	26.8	22.8	10	27	22	29.7
14	3/8	ME-14-3	38.0	14	29.0	24.4	10	24	27	27.9
14	3/8	ME-14-4	38.0	14	29.0	24.4	10	24	27	27.9
14	3/4	ME-14-5	39.8	19	36.8	24.4	10	27	27	29.7
14	3/4	ME-14-6	39.8	19	36.8	24.4	10	27	27	29.7
15	1/2	ME-15-4	38.0	17	33.1	24.4	11	24	27	27.9
15	1/2	ME-15-5	38.0	17	33.1	24.4	11	24	27	27.9
16	3/8	ME-16-3	38.0	14	28.0	24.4	12	24	27	27.9
16	3/8	ME-16-4	38.0	14	28.0	24.4	12	24	27	27.9
16	3/4	ME-16-5	38.8	19	36.8	24.4	12	27	27	29.7
16	3/4	ME-16-6	38.8	19	36.8	24.4	12	27	27	29.7
18	1/2	ME-18-4	38.8	17	34.8	24.4	14	27	30	29.7
18	1/2	ME-18-5	38.8	17	34.8	24.4	14	27	30	29.7
20	1/2	ME-20-4	44.6	17	39.7	26.0	16	30	32	34.5
20	1/2	ME-20-5	44.6	17	39.7	26.0	16	30	32	34.5
22	1/2	ME-22-4	44.6	17	39.7	26.0	18	30	32	34.5
22	1/2	ME-22-5	44.6	17	39.7	26.0	18	30	32	34.5
22	1	ME-22-6	44.6	22	44.5	26.0	18	34	32	34.5
22	1	ME-22-7	44.6	22	44.5	26.0	18	34	32	34.5
25	3/4	ME-25-6	49.1	19	41.7	31.3	21	34	38	36.8
25	3/4	ME-25-7	49.1	19	41.7	31.3	21	34	38	36.8

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED, ONLY FOR REFERENCE, CHECK IN CHINA.
 以上尺寸数据仅供参考，如有变更恕不另行通知，所有数据均以国内工厂实际为准。

ME 型



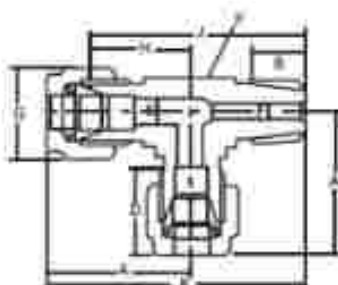
MALE ELBOW / 卡套式外螺纹弯头
(FRACTIONAL)

T TUBE O.D.	PT-NPT MALE PIPE SIZE	CATALOG NUMBER	A	B	C	D	E	F	G	H
1/18	1/8	ME-005-1	18.1	10	18.1	3.8	1	10	10	15.2
1/8	1/8	ME-005-2	22.9	12	21.8	3.8	1	14	12	19.3
1/8	1/8	ME-01-1	23.8	10	18.1	12.7	3	12	10	17.0
1/8	1/8	ME-01-2	24.3	12	22.2	12.7	3	14	10	18.1
1/8	3/8	ME-01-3	28.4	14	26.8	12.7	3	17	10	21.8
1/8	1/2	ME-01-4	31.1	17	30.7	12.7	3	22	10	25.2
3/16	1/8	ME-015-1	25.4	10	19.1	13.7	3	12	12	18.8
1/8	1/2	ME-015-2	28.4	12	22.2	13.7	3	14	12	18.8
1/4	1/8	ME-02-1	27.0	10	19.1	15.3	5	12	14	19.6
1/8	1/2	ME-02-2	32.7	12	22.2	15.3	5	14	14	19.6
1/4	3/8	ME-02-3	29.7	14	26.0	15.3	5	17	14	22.4
1/4	1/2	ME-02-4	31.8	17	27.0	15.3	5	18	14	23.4
3/8	1/8	ME-03-1	30.5	10	21.1	16.8	6	17	17	21.3
3/8	1/2	ME-03-2	36.3	12	24.8	16.8	6	17	17	23.3
3/8	3/8	ME-03-3	31.2	14	26.0	16.8	6	17	17	23.1
3/8	1/2	ME-03-4	32.3	17	27.0	16.8	6	22	17	26.1
1/2	1/8	ME-04-1	36.1	10	25.7	22.8	10	22	22	26.0
1/2	1/2	ME-04-2	38.1	12	27.8	22.8	10	22	22	26.8
1/2	3/8	ME-04-3	38.1	14	29.0	22.8	10	22	22	26.0
1/2	1/2	ME-04-4	38.1	17	31.0	22.8	10	22	22	26.7
1/2	3/4	ME-04-5	40.0	19	36.8	22.8	10	27	22	29.7
1/2	1	ME-04-6	43.1	22	38.2	22.8	10	28	22	30.3
5/8	3/8	ME-05-3	38.1	14	30.0	24.4	12	23	27	27.9
5/8	1/2	ME-05-4	38.1	17	33.8	24.4	12	28	27	27.9
5/8	3/4	ME-05-5	40.0	19	36.8	24.4	12	24	27	29.7
5/8	1	ME-05-6	42.3	22	38.8	24.4	12	27	27	30.3
3/4	3/4	ME-06-5	40.5	19	36.8	24.4	15	27	30	29.7
3/4	1	ME-06-6	43.1	22	38.2	24.4	15	28	30	30.8
1	1	ME-08-8	49.0	22	44.5	31.3	21	34	36	36.8

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. ONLY FOR REFERENCE. SUBJECT TO CHANGE.
上列尺寸单位为毫米, 如未注明则单位为毫米。本图仅供参考, 恕不保证。工厂保留。

**MALE RUN TEE / 卡套式外螺紋側三通
(METRIC)**

MRT 型



T TUBE O.D.	PT-NPT MALE PIPE SIZE	CATALOG NUMBER	A	B	D	E	F	G	H	J	K
4	1/8	MRT-4-1	25.4	10	15.3	3	12	12	18.8	37.9	44.5
4	1/8	MRT-4-2	25.4	10	15.3	3	12	12	18.8	37.9	44.5
6	1/8	MRT-6-1	27.0	10	15.3	5	12	14	19.6	38.7	46.1
6	1/8	MRT-6-2	27.0	10	15.3	5	12	14	19.6	38.7	46.1
6	3/8	MRT-6-3	29.8	14	15.3	5	17	14	22.4	48.4	55.8
6	1/2	MRT-6-4	29.8	14	15.3	5	25	14	24.4	55.8	62.2
8	1/8	MRT-8-1	28.8	10	16.2	6	14	17	21.3	41.4	48.9
8	1/8	MRT-8-2	28.8	10	16.2	6	14	17	21.3	41.4	48.9
8	3/8	MRT-8-3	28.8	14	16.2	6	17	17	21	49.1	54.8
8	1/2	MRT-8-4	28.8	14	16.2	6	22	17	25.1	56.3	61.8
10	1/8	MRT-10-1	31.5	10	17.2	8	17	16	23.9	45.8	53.4
10	1/8	MRT-10-2	31.5	10	17.2	8	17	16	23.9	45.8	53.4
10	3/8	MRT-10-3	31.5	14	17.2	8	17	19	23.9	49.9	57.5
10	1/2	MRT-10-4	31.5	14	17.2	8	22	19	25.9	57.5	64.1
12	1/8	MRT-12-1	35.0	10	22.8	10	22	22	25.9	51.6	61.7
12	1/8	MRT-12-2	35.0	10	22.8	10	22	22	25.9	51.6	61.7
12	3/8	MRT-12-3	35.0	14	22.8	10	22	22	25.9	53.9	64.0
12	1/2	MRT-12-4	35.0	14	22.8	10	22	22	25.9	53.9	64.0
12	3/4	MRT-12-5	39.8	19	22.8	10	27	22	29.7	66.9	76.6
12	1	MRT-12-6	39.8	19	22.8	10	31	22	31.7	74.1	83.8
14	3/8	MRT-14-3	38.0	14	24.4	10	24	27	27.9	56.9	67.0
14	1/2	MRT-14-4	38.0	14	24.4	10	27	27	27.9	57.1	71.3
14	3/4	MRT-14-5	39.8	19	24.4	10	27	27	29.7	66.5	76.6
14	1	MRT-14-6	39.8	19	24.4	10	31	27	31.7	74.1	83.8
15	1/2	MRT-15-4	38.0	17	24.4	10	24	27	27.9	61.0	71.1
15	3/4	MRT-15-5	39.8	19	24.4	10	27	27	29.7	66.5	76.6
16	3/8	MRT-16-3	35.0	14	24.4	12	24	27	27.9	56.9	67.0
16	1/2	MRT-16-4	35.0	17	24.4	12	24	27	27.9	57.1	71.3
16	3/4	MRT-16-5	39.8	19	24.4	12	27	27	29.7	66.5	76.6
16	1	MRT-16-6	39.8	19	24.4	12	31	27	31.7	74.1	83.8
18	1/2	MRT-18-4	39.8	17	24.4	14	27	30	29.7	64.5	74.6
18	3/4	MRT-18-5	39.8	19	24.4	14	27	30	29.7	66.5	76.6
20	1/2	MRT-20-4	44.6	17	26.0	16	30	32	34.5	74.2	84.3
20	3/4	MRT-20-5	44.6	19	26.0	16	30	32	34.5	76.2	86.3
22	1/2	MRT-22-4	44.6	17	26.0	18	30	32	34.5	74.2	84.3
22	3/4	MRT-22-5	44.6	19	26.0	18	30	32	34.5	76.2	86.3
25	1/2	MRT-25-4	49.1	17	31.3	21	34	38	36.8	76.5	88.8
25	3/4	MRT-25-5	49.1	19	31.3	21	34	38	36.8	78.5	90.8
25	1	MRT-25-6	49.1	22	31.3	21	34	38	36.8	81.3	93.6

(FRACTIONAL)

1/8	1/8	MRT-01-1	23.8	10	12.7	3	12	12	17.0	35.1	41.7
1/8	1/8	MRT-01-2	23.8	10	12.7	3	14	12	18.0	36.0	42.6
1/4	1/8	MRT-02-1	27.0	10	15.2	5	12	14	19.6	38.7	46.1
1/4	1/2	MRT-02-2	27.0	10	15.2	5	22	14	19.6	45.8	53.4
1/4	3/8	MRT-02-3	26.8	14	15.2	5	17	14	22.4	48.4	55.8
1/4	1/2	MRT-02-4	26.8	14	15.2	5	22	14	24.4	55.8	62.2
3/8	1/8	MRT-03-1	30.5	11	16.8	6	17	17	21.3	42.4	51.6
3/8	1/8	MRT-03-2	30.5	11	16.8	6	17	17	21.3	42.4	51.6
3/8	3/8	MRT-03-3	31.2	14	16.8	8	17	17	23.1	48.1	57.2
3/8	1/2	MRT-03-4	30.5	17	16.8	6	22	17	25.9	57.5	64.1
1/2	1/8	MRT-04-1	35.0	11	22.8	10	22	22	25.9	51.6	61.7
1/2	1/8	MRT-04-2	35.0	11	22.8	10	22	22	25.9	51.6	61.7
1/2	3/8	MRT-04-3	35.0	14	22.8	10	22	22	25.9	53.9	64.0
1/2	1/2	MRT-04-4	35.0	14	22.8	10	22	22	25.9	53.9	64.0
1/2	3/4	MRT-04-5	39.8	19	22.8	10	27	22	29.7	66.5	76.6
1/2	1	MRT-04-6	39.8	19	22.8	10	31	22	31.7	74.1	83.8
5/8	3/8	MRT-05-3	38.1	14	24.4	12	24	27	27.9	56.9	67.0
5/8	1/2	MRT-05-4	38.1	17	24.4	12	24	27	27.9	57.1	71.3
5/8	3/4	MRT-05-5	40.0	19	24.4	12	27	27	29.7	66.5	76.6
5/8	1	MRT-05-6	40.0	19	24.4	12	31	27	31.7	74.1	83.8
3/4	3/8	MRT-06-3	40.0	14	24.4	15	24	27	27.9	56.9	67.0
3/4	1/2	MRT-06-4	40.0	17	24.4	15	24	27	27.9	57.1	71.3
3/4	3/4	MRT-06-5	40.0	19	24.4	15	27	27	29.7	66.5	76.6
3/4	1	MRT-06-6	40.0	19	24.4	15	31	27	31.7	74.1	83.8
1	1	MRT-08-6	49.1	22	31.3	21	34	38	36.8	81.3	93.6

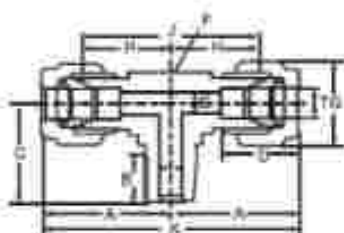
ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHER

REFERENCE IS MADE TO INCHES

所有尺寸均以毫米為單位，除非另有說明，均以英寸為單位。

MALE BRANCH TEE / 卡套式外螺纹支管三通
(METRIC)

MBT 型



7 PT-NPT CATALOG
TUBE MALE NUMBER
O.D. PIPE
SIZE

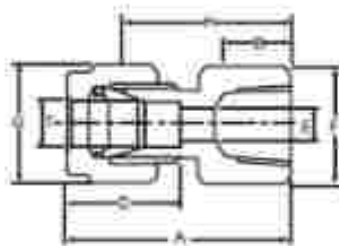
			A	B	C	D	E	F	G	H	J	K
4	1/8	MBT-4-1	25.4	10	19.1	12.7	3	12	12	18.8	27.9	50.8
6	1/8	MBT-6-1	27.0	10	19.1	15.3	5	12	14	19.8	30.2	54.0
6	3/8	MBT-6-3	29.8	14	20.0	15.3	5	17	14	22.4	44.8	59.6
8	1/8	MBT-8-1	28.8	10	20.1	16.2	6	14	17	21.3	42.6	57.8
8	3/8	MBT-8-3	30.6	14	20.0	16.2	6	17	17	21.3	46.2	61.2
10	1/8	MBT-10-1	31.5	10	21.8	17.2	8	17	18	25.1	47.8	63.0
10	3/8	MBT-10-3	31.5	14	20.0	17.2	8	17	18	23.8	47.8	63.0
12	1/8	MBT-12-1	38.0	10	25.7	22.8	10	22	22	25.8	51.8	72.0
12	3/8	MBT-12-3	38.0	14	28.0	22.8	10	22	22	25.8	51.8	72.0
12	3/4	MBT-12-6	39.8	18	30.8	22.8	10	27	22	28.7	59.4	78.6
14	3/8	MBT-14-3	35.0	14	29.0	24.4	10	24	27	27.9	55.8	76.0
14	3/4	MBT-14-6	39.8	18	30.8	24.4	10	27	27	29.7	59.4	79.8
15	1/2	MBT-15-4	38.0	17	33.1	24.4	11	24	27	28.7	55.8	76.0
16	3/8	MBT-16-3	38.0	14	29.0	24.4	12	24	27	27.8	55.8	76.0
16	3/4	MBT-16-6	39.8	18	30.8	24.4	12	27	27	29.7	59.4	79.8
18	1/2	MBT-18-4	39.8	17	34.8	24.4	14	27	30	28.7	59.4	79.8
20	1/2	MBT-20-4	44.8	17	38.7	26.0	15	30	32	34.3	69.0	89.2
22	1/2	MBT-22-4	44.8	17	38.7	26.0	18	30	32	34.3	69.0	89.2
25	1/2	MBT-25-4	49.1	17	39.7	31.3	21	35	38	36.8	73.6	96.2
25	1	MBT-25-8	49.1	22	41.5	31.3	21	35	38	36.8	73.6	96.2

(FRACTIONAL)

1/8	1/8	MBT-01-1	23.8	10	18.1	12.7	3	12	12	17.0	34.0	47.2
1/4	1/8	MBT-02-1	27.0	10	19.1	15.2	3	12	14	19.8	39.2	54.0
1/4	3/8	MBT-02-3	29.8	14	20.0	15.2	5	17	14	22.4	44.8	59.6
3/8	1/8	MBT-03-1	30.5	10	21.1	16.8	6	17	17	21.3	42.6	61.0
3/8	3/8	MBT-03-3	31.2	14	20.0	16.8	6	17	17	23.1	46.2	62.4
1/2	1/8	MBT-04-1	36.0	10	25.7	22.8	10	22	22	25.8	51.8	72.0
1/2	3/8	MBT-04-3	36.0	14	28.0	22.8	10	22	22	25.8	51.8	72.0
1/2	3/4	MBT-04-6	39.8	18	30.8	22.8	10	27	22	29.7	59.4	79.8
5/8	3/8	MBT-05-3	38.1	14	30.0	24.4	12	24	27	27.8	55.8	76.2
5/8	3/4	MBT-05-6	40.0	18	30.8	24.4	12	27	27	29.7	59.4	80.0
1	3/4	MBT-06-6	49.0	18	41.7	31.3	21	35	38	36.8	73.6	96.0

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. ONLY FOR REFERENCE. SUBJECT TO CHANGE.
以上尺寸数据仅供参考, 如有变更恕不另行通知, 最终以实物为准(12"定稿)

FC 型



FEMALE CONNECTOR / 卡套式内螺纹接头
(METRIC)

T TUBE O.D.	PT-NPT FEMALE PIPE SIZE	CATALOG NUMBER	A	B	D	E	E	G	H
4	1/8	FC-4-1	29.7	12	12.7	3	14	12	23.1
5	1/8	FC-5-1	30.8	12	12.7	3	14	12	23.1
6	1/4	FC-6-2	35.8	15	15.3	5	17	14	28.4
8	1/4	FC-8-2	37.0	15	15.3	5	17	14	28.4
8	1/2	FC-8-4	42.5	20	15.3	5	27	14	35.1
10	1/2	FC-10-2	37.8	15	17.2	8	16	18	30.2
10	1/2	FC-10-4	44.2	20	17.2	8	27	19	38.8
12	1/2	FC-12-2	40.3	15	22.8	6	22	22	30.2
12	1/2	FC-12-4	46.7	20	22.8	10	27	22	38.6
12	1	FC-12-8	51.3	24	22.8	10	40	22	41.2
14	1/2	FC-14-4	46.7	20	24.4	10	27	27	38.6
15	3/8	FC-15-3	41.9	15	24.4	8	27	27	31.8
15	3/4	FC-15-6	48.3	21	24.4	10	32	27	38.2
16	1/2	FC-16-4	46.9	20	24.4	10	27	27	38.6
16	3/8	FC-16-3	42.1	15	24.4	14	27	30	32.0
16	3/4	FC-16-6	48.2	21	24.4	14	32	30	38.4
20	3/4	FC-20-6	49.7	21	26.0	16	32	32	39.6
22	3/4	FC-22-6	49.7	21	26.0	16	32	32	39.6
25	3/4	FC-25-6	53.4	21	31.3	21	35	38	41.1

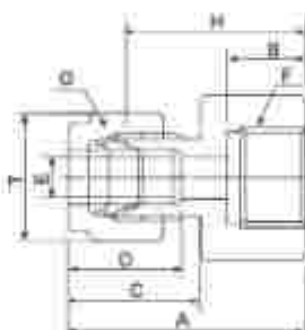
(FRACTIONAL)

1/8	1/8	FC-01-1	28.7	12	12.7	2	14	10	22.1
1/8	1/8	FC-01-2	29.7	12	12.7	3	14	10	23.1
1/4	1/8	FC-02-1	31.2	12	15.3	5	14	14	28.0
1/4	1/8	FC-02-2	32.2	12	15.3	5	14	14	28.0
1/4	3/8	FC-02-3	37.6	15	15.3	5	22	14	30.2
3/8	1/8	FC-03-1	32.8	12	16.6	5	17	19	25.4
3/8	1/8	FC-03-2	33.8	12	16.6	5	17	19	25.4
3/8	3/8	FC-03-3	39.1	15	16.6	8	22	19	31.8
3/8	3/8	FC-03-4	40.1	15	16.6	8	22	19	31.8
3/8	3/4	FC-03-6	47.8	21	16.6	8	32	19	40.4
1/2	1/8	FC-04-1	37.7	12	22.8	5	22	22	30.2
1/2	1/4	FC-04-2	40.4	15	22.8	6	22	22	30.2
1/2	1/2	FC-04-4	46.7	20	22.8	10	27	22	38.6
1/2	1/2	FC-04-6	47.7	20	22.8	10	27	22	38.6
1/2	1	FC-04-8	51.3	24	22.8	10	40	22	41.2
5/8	1/8	FC-05-1	37.7	12	24.4	5	22	22	30.2
5/8	1/2	FC-05-4	46.9	20	24.4	11	27	27	38.6
5/8	1/2	FC-05-6	47.9	20	24.4	11	27	27	38.6
3/4	1/2	FC-06-4	46.7	20	24.4	15	27	30	38.6
3/4	3/4	FC-06-6	48.2	21	24.4	15	32	30	38.4
1	3/4	FC-08-6	53.3	21	31.3	21	35	38	41.1

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES). REFERENCE SHOULD BE GIVEN.

以上尺寸单位为毫米(英寸), 标注时请注明单位为英寸或毫米。

FCG 型



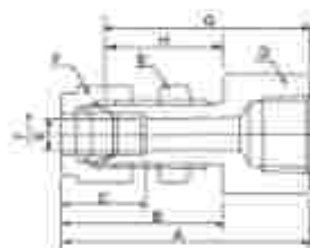
GAUGE CONNECTOR / 卡套式压力表接头
(METRIC) Connects metric tube to ISO parallel thread (gauge)

T TUBE O.D.	R(PF) FEMALE PIPE SIZE	CATALOG NUMBER	A	B	C	D	E	F	G	H	T
3	1/4	FCG-3-2G	35.3	13	12.0	3	2.4	10	12	28.7	15.3
5	1/4	FCG-5-2G	37.6	13	12.0	5	2.4	10	12	29.2	17.7
8	3/8	FCG-8-2G	37.6	14	15.3	8	4.8	24	14	30.2	17.7
8	1/2	FCG-8-4G	38.5	13	16.2	8	5.5	10	16	31.0	18.8
8	3/8	FCG-8-2G	38.5	13	16.2	8	5.5	10	16	31.0	18.8
8	1/2	FCG-8-4G	40.5	18	16.2	8	7.0	27	10	33.0	18.6
10	1/2	FCG-10-4G	40.5	18	16.2	10	7.0	27	10	33.0	18.6
10	3/8	FCG-10-3G	38.8	14	17.2	10	6.5	24	18	31.2	18.5
12	1/2	FCG-12-4G	41.9	13	22.0	12	5.5	22	22	31.8	22.0
12	3/8	FCG-12-3G	41.9	13	22.0	12	5.5	22	22	31.8	22.0
12	1/2	FCG-12-4G	48.2	19	22.8	12	7.0	27	22	38.1	22.0
22	1/2	FCG-22-4G	54.3	19	28.0	22	7.0	30	32	44.2	22.0

(FRACTIONAL) Connects metric tube to ISO parallel thread (gauge)

1/4	1/8	FCG-02-1G	33.6	12.0	15.3	1/4	4.8	14.3	14.3	26.3	17.8
1/4	1/4	FCG-02-2G	37.6	13.2	16.3	1/4	4.3	16.8	12.1	22.2	17.8
1/4	3/8	FCG-02-3G	37.6	14.2	15.3	1/4	4.8	23.8	14.3	30.2	17.8
3/8	1/4	FCG-03-2G	38.1	13.0	18.3	3/8	6.6	19.0	17.5	31.6	39.1
3/8	1/2	FCG-03-4G	41.9	18.8	18.3	3/8	7.2	27.0	17.5	34.5	41.9
1/2	1/4	FCG-04-2G	42.8	13.8	21.8	1/2	6.3	22.2	15.3	31.8	40.5
1/2	3/8	FCG-04-3G	44.5	14.2	21.8	1/2	6.6	23.8	22.2	34.2	44.5

BFC 型



BULKHEAD FEMALE CONNECTOR / 卡套式内螺纹穿板接头
(METRIC)

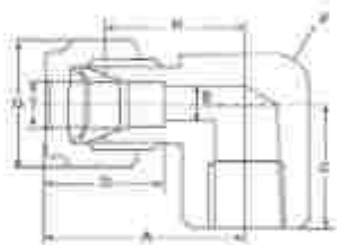
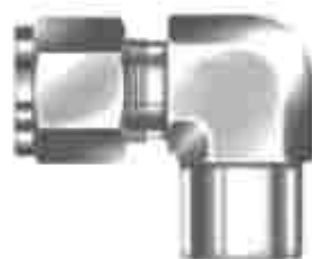
T TUBE O.D.	PT-NPT FEMALE PIPE SIZE	CATALOG NUMBER	A	B	C	D	E	F	G	H	I	FWEL HOLE DRILL	MAX PANEL THICK
6	1/8	BFC-6-1	46.90	35.00	15.3	15.8	4.8	14	39.6	26.2	15.8	11.3	10.2
8	1/4	BFC-8-1	51.80	35.00	15.3	15.8	6.3	12	39.6	26.2	15.8	11.3	10.2
8	1/4	BFC-8-2	53.85	35.55	18.2	19.0	6.3	18	40.7	28.6	17.4	13.1	11.2

(FRACTIONAL)

1/8	1/8	BFC-01-1	44.70	31.24	12.70	14.28	2.29	11.11	12.70	38.10	24.83	8.33	12.70
1/4	1/8	BFC-02-1	51.81	33.52	15.24	15.88	2.29	11.11	12.70	38.10	24.83	8.33	12.70
1/4	1/4	BFC-02-2	51.81	33.52	15.24	15.88	4.82	14.28	15.87	44.45	25.16	11.50	10.16
3/8	1/4	BFC-03-2	56.77	36.83	16.75	17.78	4.82	14.28	15.87	44.45	25.16	11.50	10.16
3/8	3/8	BFC-03-3	56.77	36.83	16.75	22.22	7.11	17.46	19.05	49.41	29.46	14.98	11.17
1/2	1/2	BFC-04-4	66.34	41.01	22.86	25.90	10.41	22.22	25.81	58.35	31.75	19.44	12.70
1	1	BFC-08-8	93.29	57.40	31.24	41.27	22.35	38.10	41.27	81.04	45.21	33.73	19.05

ALL DIMENSIONS ARE IN MILLIMETERS (UNLESS OTHERWISE SPECIFIED, ONLY FOR REFERENCE SUBJECT TO CHANGE).
上列尺寸单位为毫米，除非另有规定，否则仅供参考，且可能随时更改。

FE 型



FEMALE ELBOW / 卡套式内螺纹接头 (METRIC)

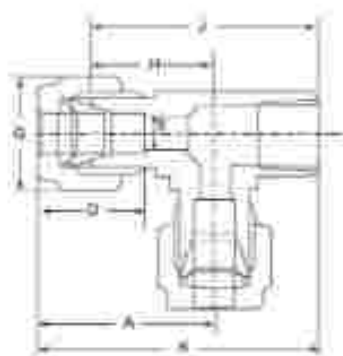
T TUBE O.D.	PT-NPT CATALOG MALE PIPE NUMBER SIZE		A	C	D	E	F	G	H
6	1/8	FE-6-1	27.0	19.1	15.3	5	14	14	19.6
6	1/8	FE-6-3	29.8	22.4	15.3	5	14	14	21.4
6	3/8	FE-6-3	34.8	22.4	15.3	5	22	14	27.2
8	1/2	FE-8-4	27.7	20.3	16.2	6	14	14	20.3
8	1/8	FE-8-1	29.3	20.0	16.2	6	14	17	21.8
8	1/2	FE-8-4	30.2	20.3	16.2	6	14	17	22.8
8	3/8	FE-8-3	34.0	27.7	16.2	6	22	17	26.5
8	1/2	FE-8-4	36.6	27.7	16.2	6	22	17	28.9
10	1/8	FE-10-1	31.5	19.0	17.2	8	17	19	23.9
10	1/2	FE-10-3	33.8	25.4	17.2	8	17	19	26.6
10	3/8	FE-10-3	37.5	27.7	17.2	8	17	19	28.9
10	1/2	FE-10-4	40.1	27.7	17.2	8	22	19	30.7
12	1/8	FE-12-1	36.0	22.4	22.8	10	22	22	25.9
12	1/2	FE-12-3	36.5	22.4	22.8	10	22	22	26.6
12	3/8	FE-12-3	36.0	22.4	22.8	10	22	22	26.9
12	1/2	FE-12-4	38.4	22.4	22.8	10	22	22	28.2
12	3/4	FE-12-6	41.8	32.4	22.8	10	32	22	31.7
14	3/8	FE-14-3	36.2	25.4	24.4	10	27	27	26.1
14	1/2	FE-14-4	38.8	28.4	24.4	10	27	27	28.7
14	3/4	FE-14-6	43.4	32.4	24.4	10	32	27	32.1
15	3/8	FE-15-3	39.8	25.4	24.4	11	27	27	29.7
15	1/2	FE-15-4	40.6	25.4	24.4	11	27	27	30.3
15	3/4	FE-15-6	42.8	32.4	24.4	11	32	27	32.7
16	1/2	FE-16-4	39.5	25.4	24.4	12	27	27	29.7
16	3/4	FE-16-6	42.1	32.4	24.4	12	32	27	32.3
16	3/8	FE-16-3	40.5	25.4	24.4	14	27	30	30.4
16	1/2	FE-16-4	40.1	25.4	24.4	14	27	30	30.8
16	3/4	FE-16-6	43.5	32.4	24.4	14	32	30	33.4
20	1/2	FE-20-4	42.1	31.8	26.0	16	32	32	30.4
20	3/4	FE-20-6	46.5	35.4	26.0	16	32	32	36.4
22	1/2	FE-22-4	43.5	31.8	26.0	18	32	32	32.4
22	3/4	FE-22-6	46.5	35.4	26.0	18	32	32	36.4
25	1/2	FE-25-4	47.5	31.3	31.3	21	34	38	36.8
25	3/4	FE-25-6	50.5	37.4	31.3	21	34	38	38.2

(FRACTIONAL)

1/4	1/8	FE-02-1	27.0	19.1	15.3	5	14	14	19.6
1/4	1/8	FE-02-3	29.7	22.4	15.3	5	14	14	21.4
1/4	3/8	FE-02-3	32.6	22.4	15.3	5	22	14	27.2
1/4	1/2	FE-02-4	27.7	20.3	16.2	6	14	14	20.3
3/8	1/8	FE-03-1	30.5	19.8	16.6	7	17	17	23.1
3/8	1/8	FE-03-3	33.3	22.4	16.6	7	17	17	24.3
3/8	3/8	FE-03-3	33.3	22.4	16.6	7	22	17	26.0
3/8	1/2	FE-03-4	33.3	22.4	16.6	7	22	17	26.7
1/2	1/8	FE-04-1	38.0	22.4	22.8	10	22	22	25.9
1/2	1/2	FE-04-3	36.1	22.4	22.8	10	22	22	26.0
1/2	3/8	FE-04-3	36.1	22.4	22.8	10	22	22	26.0
1/2	1/2	FE-04-4	38.1	22.4	22.8	10	22	22	26.7
1/2	3/4	FE-04-6	41.6	32.4	22.8	10	32	22	31.7
3/4	1/2	FE-06-4	38.9	28.4	24.4	15	27	30	29.7
3/4	3/4	FE-06-6	44.7	31.3	24.4	15	32	30	34.9
1	3/4	FE-08-6	48.0	32.4	31.3	21	34	38	36.8

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED, ONLY FOR REFERENCE SUBJECT TO CHANGE.
 1. 所有尺寸单位为毫米, 除非另有说明, 仅供参考, 4. 保留两位小数, 四舍五入。

FRT 型



FEMALE RUN TEE/ 卡套式内螺纹侧三通 (METRIC)

T TUBE O.D.	PT-NPT MALE PIPE SIZE	CATALOG NUMBER	A	D	E	F	G	H	J	K
6	1/8	FRT-6-1	27.0	15.3	5	14	14	19.6	38.6	48.0
6	1/4	FRT-6-2	27.0	15.3	6	17	14	22.4	41.4	50.5
8	3/8	FRT-8-3	34.6	18.3	5	22	14	27.2	58.7	57.0
8	1/2	FRT-8-2	34.6	18.3	6	25	14	30.2	61.7	60.5
8	1/8	FRT-8-1	29.9	16.2	6	14	17	22.4	41.4	48.9
8	1/4	FRT-8-2	29.9	16.2	7	17	17	25.4	45.4	50.5
8	3/8	FRT-8-3	34.0	16.2	6	22	17	26.5	54.2	61.7
8	1/2	FRT-8-4	34.0	16.2	7	25	17	29.5	57.2	60.5
10	1/8	FRT-10-1	31.5	17.2	8	17	19	23.9	42.9	50.5
10	1/4	FRT-10-2	31.5	17.2	9	20	19	26.9	45.9	50.5
10	3/8	FRT-10-3	37.5	17.2	8	22	19	29.9	57.9	65.2
10	1/2	FRT-10-4	37.5	17.2	9	25	19	32.9	60.9	65.2
12	1/8	FRT-12-1	36.0	22.8	10	22	22	25.8	48.0	68.4
12	1/4	FRT-12-2	36.0	22.8	11	25	22	28.8	51.0	68.4
12	3/8	FRT-12-3	36.0	22.8	10	22	22	25.8	48.0	68.4
12	1/2	FRT-12-4	36.0	22.8	11	25	22	28.8	51.0	68.4
12	3/4	FRT-12-5	41.8	22.8	10	32	22	31.7	64.1	74.2
14	1/8	FRT-14-1	39.8	24.4	10	27	27	29.7	58.1	88.2
14	1/4	FRT-14-2	39.8	24.4	11	30	27	32.7	61.1	88.2
15	3/8	FRT-15-3	39.8	24.4	11	27	27	29.7	55.1	65.2
15	1/2	FRT-15-4	39.8	24.4	12	30	27	32.7	58.1	65.2
15	3/4	FRT-15-5	42.8	24.4	11	32	27	32.7	65.1	75.2
16	1/8	FRT-16-1	39.8	24.4	12	30	27	29.7	55.1	65.2
16	1/2	FRT-16-4	39.8	24.4	12	27	27	29.7	58.1	65.2
16	3/4	FRT-16-5	42.8	24.4	12	32	27	32.7	68.1	78.2
18	3/8	FRT-18-3	40.5	24.4	14	27	30	30.4	65.8	65.9
18	1/2	FRT-18-4	40.5	24.4	15	30	30	33.4	68.8	65.9
18	3/4	FRT-18-5	43.5	24.4	14	32	30	33.4	65.8	75.9
20	1/8	FRT-20-1	46.5	26.0	16	32	32	36.4	71.8	81.9
22	1/8	FRT-22-1	46.5	26.0	18	32	32	36.4	71.8	81.9
22	3/4	FRT-22-5	46.5	26.0	16	32	32	36.4	71.8	81.9
25	1/8	FRT-25-1	47.8	27.0	21	34	34	38.2	75.8	85.9
25	3/4	FRT-25-5	50.5	31.3	21	34	38	38.2	75.8	87.9

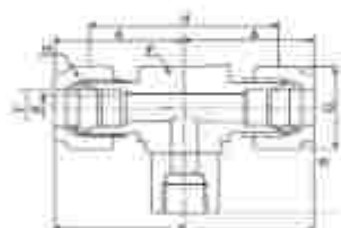
(FRACTIONAL)

1/4	1/8	FRT-02-1	27.0	15.3	5	14	14	19.6	38.6	48.0
1/4	1/4	FRT-02-2	27.0	15.3	6	17	14	22.4	41.4	50.5
1/4	3/8	FRT-02-3	34.6	15.3	5	22	14	27.2	49.6	57.0
1/4	1/2	FRT-02-4	34.6	15.3	6	25	14	30.2	52.6	59.5
3/8	1/8	FRT-03-1	30.5	16.8	7	17	17	23.1	42.9	50.3
3/8	1/4	FRT-03-2	30.5	16.8	7	20	17	26.1	45.9	50.3
3/8	3/8	FRT-03-3	33.3	16.8	7	22	17	28.0	48.4	56.7
3/8	1/2	FRT-03-4	33.3	16.8	8	25	17	31.0	51.4	59.2
1/2	1/8	FRT-04-1	36.0	22.8	10	22	22	25.8	48.3	68.4
1/2	1/4	FRT-04-2	36.0	22.8	11	25	22	28.8	51.3	68.4
1/2	3/8	FRT-04-3	36.0	22.8	10	22	22	25.8	48.3	68.4
1/2	1/2	FRT-04-4	36.0	22.8	11	25	22	28.8	51.3	68.4
1/2	3/4	FRT-04-5	41.8	22.8	10	32	22	31.7	64.1	74.2
3/4	1/8	FRT-05-1	39.8	24.4	10	27	27	29.7	58.1	88.2
3/4	3/4	FRT-05-5	44.7	24.4	15	32	30	34.5	68.2	78.4
1	1/8	FRT-06-1	47.8	27.0	21	34	34	38.2	75.8	85.9

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. USE FOR REFERENCE SUBJECT TO CHECK.
以上尺寸均为近似值，如有需要请向本公司索取详细资料，并以此为准进行加工。

FEMALE BRANCH TEE / 卡套式内螺纹支管三通
(METRIC)

FBT 型



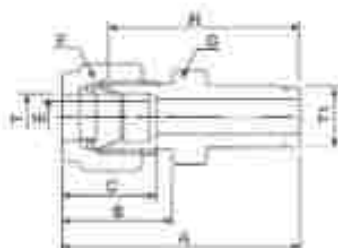
T TUBE O.D.	PT-NPT MALE PIPE CATALOG NUMBER SIZE		A	B	D	E	F	G	H	K
6	1/8	FBT-6-1	27.0	19.1	15.3	5	14	14	39.2	54.0
8	1/4	FBT-8-1	29.8	22.3	16.5	5	17	16	46.8	59.9
6	3/8	FBT-6-3	34.6	22.4	15.3	5	22	14	54.4	66.2
8	1/2	FBT-8-3	37.7	25.3	16.5	5	27	16	60.8	73.6
8	1/8	FBT-8-1	29.3	20.0	16.2	6	14	17	43.6	56.6
8	1/4	FBT-8-2	29.3	22.4	16.2	6	17	17	46.2	59.2
8	3/4	FBT-8-3	34.0	27.7	16.2	6	22	17	53.0	66.0
8	1 1/2	FBT-8-4	36.3	31.1	16.2	6	27	17	58.6	71.6
10	1/8	FBT-10-1	31.5	19.0	17.2	6	17	19	47.6	63.0
10	1/4	FBT-10-2	31.5	22.4	17.2	6	17	19	46.8	60.8
10	3/8	FBT-10-3	37.5	27.7	17.2	8	22	19	50.8	75.0
10	1 1/2	FBT-10-4	37.5	31.7	17.2	8	27	19	56.4	80.8
12	1/8	FBT-12-1	36.0	22.4	22.8	10	22	22	51.8	72.0
12	1/4	FBT-12-2	36.0	22.4	22.8	10	22	22	51.8	72.0
12	3/8	FBT-12-3	36.0	22.4	22.8	10	22	22	51.8	72.0
12	1 1/2	FBT-12-4	36.0	22.4	22.8	10	27	22	57.4	77.6
12	3/4	FBT-12-6	41.8	32.4	22.8	10	32	22	68.4	83.6
12	1 1/4	FBT-12-8	40.3	29.3	22.8	10	27	22	60.4	75.6
14	1/2	FBT-14-4	39.8	28.4	24.4	10	27	27	59.4	79.6
14	3/2	FBT-14-5	42.3	33.3	24.4	10	32	27	65.4	85.6
15	3/8	FBT-15-3	39.6	25.4	34.4	11	27	27	59.4	79.6
15	1 1/4	FBT-15-4	39.6	25.4	34.4	11	32	27	65.4	85.6
15	3/4	FBT-15-6	42.6	32.4	34.4	11	32	27	65.4	85.6
16	3/4	FBT-16-3	39.6	28.4	30.4	12	27	27	59.4	79.6
16	1 1/2	FBT-16-4	39.6	28.4	34.4	12	27	27	59.4	79.6
16	3/2	FBT-16-5	40.6	29.4	30.4	12	32	27	65.4	85.6
16	3/8	FBT-16-6	40.6	29.4	34.4	12	32	27	65.4	85.6
18	3/8	FBT-18-3	40.5	25.4	24.4	14	27	30	60.8	81.0
18	1 1/4	FBT-18-4	40.5	25.4	32.4	14	27	30	60.8	81.0
18	3/4	FBT-18-6	43.5	32.4	34.4	14	32	30	60.8	87.0
20	1 1/2	FBT-20-4	43.5	23.3	28.2	16	27	30	70.8	87.0
20	3/4	FBT-20-6	46.5	35.4	26.0	16	32	32	72.8	93.0
20	1 1/4	FBT-20-8	43.5	23.3	30.2	16	27	30	60.8	87.0
22	3/4	FBT-22-6	46.5	35.4	26.0	18	32	32	72.8	93.0
24	1 1/2	FBT-24-4	47.3	23.4	31.2	20	27	38	71.8	96.8
25	3/4	FBT-25-6	60.5	37.4	31.3	21	34	38	76.4	101.0

(FRACTIONAL)

1/4	1/8	FBT-02-1	27.0	19.1	15.3	5	14	14	39.2	54.0
1/4	1/4	FBT-02-2	29.8	22.3	16.5	5	17	16	46.8	59.9
1/4	3/8	FBT-02-3	34.6	22.4	15.3	5	22	14	54.4	66.2
1/4	1/2	FBT-02-4	37.7	25.3	16.5	5	27	16	60.8	73.6
3/8	1/8	FBT-03-1	30.5	19.6	16.8	7	17	17	46.2	61.0
3/8	1/4	FBT-03-2	31.2	22.4	16.8	7	17	17	46.2	61.0
3/8	3/8	FBT-03-3	33.3	22.4	16.8	7	22	17	52.0	66.8
3/8	1/2	FBT-03-4	36.1	25.3	16.8	7	27	17	57.4	72.2
1/2	1/8	FBT-04-1	36.0	22.4	22.8	10	22	22	51.8	72.0
1/2	1/4	FBT-04-2	36.0	22.4	22.8	10	22	22	51.8	72.0
1/2	3/8	FBT-04-3	36.0	22.4	22.8	10	22	22	51.8	72.0
1/2	1/2	FBT-04-4	36.0	22.4	22.8	10	27	22	57.4	77.6
1/2	3/4	FBT-04-6	41.8	32.4	22.8	10	32	22	63.4	83.6
3/4	1/2	FBT-06-4	39.6	25.4	30.4	12	27	27	59.4	79.6
3/4	3/4	FBT-06-6	44.7	31.7	24.4	13	32	30	69.0	89.4
1	1/2	FBT-08-4	39.6	25.4	31.2	14	27	30	72.8	92.8

ALL DIMENSIONS ARE IN MILLIMETERS (UNLESS OTHERWISE SPECIFIED) AND ARE REFERENCE DIMENSIONS ONLY.
以上尺寸数据仅供参考，如有更改恕不另行通知，如有需要请向ATC公司洽询。

ODTA 型



REDUCER / 异径接头(渐缩管)

(METRIC) Connects metric tube to fractional JWAN-LOK port

T TUBE O.D.	T1 TUBE	CATALOG NUMBER	A	B	C	E	F	G	H
2	3.17	ODTA-2-01	33.5	15.3	12.9	1.7	12	12	26.9
2	3.17	ODTA-2-02	33.5	15.3	12.9	2.4	12	12	29.5
3	6.35	ODTA-3-02	36.1	15.3	12.9	2.4	12	12	29.5
4	6.35	ODTA-4-02	36.1	17.7	15.3	2.0	14	14	29.5
6	6.35	ODTA-6-02	39.9	17.7	15.3	4.8	14	14	32.5
6	6.35	ODTA-6-04	40.3	17.7	15.3	4.8	14	14	35.0
8	12.7	ODTA-8-04	47.6	18.6	16.2	6.4	15	16	40.1
10	12.7	ODTA-10-04	49.8	19.5	17.2	7.9	16	19	42.2
12	19.05	ODTA-12-06	53.8	22.0	22.8	9.5	22	22	43.7
12	19.05	ODTA-12-08	53.8	22.0	22.8	9.5	22	22	46.0
18	25.4	ODTA-18-08	62.4	22.0	24.4	15.1	27	30	52.3
18	25.4	ODTA-18-12	62.4	22.0	24.4	15.1	27	30	54.1

(METRIC) Connects metric tube to fractional JWAN-LOK port

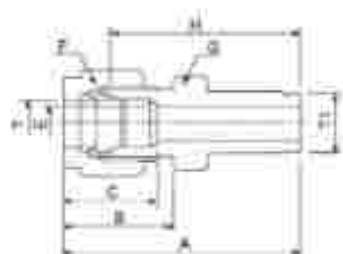
T	T1	CATALOG	A	B	C	E	F	G	H
2	3	ODTA-2-3	35.5	15.3	12.9	1.7	12	12	26.9
2	3	ODTA-2-6	35.5	15.3	12.9	2.4	12	12	29.5
3	6	ODTA-3-6	36.1	15.3	12.9	2.4	12	12	29.5
4	6	ODTA-4-6	37.1	16.1	13.7	2.4	12	12	30.5
6	8	ODTA-6-8	39.9	17.7	15.3	4.8	14	14	32.5
6	10	ODTA-6-10	40.3	17.7	15.3	4.8	14	14	35.0
8	10	ODTA-8-10	42.0	18.6	16.2	6.4	15	16	34.5
8	12	ODTA-8-12	41.8	18.6	16.2	6.4	15	16	40.1
10	6	ODTA-10-6	42.4	19.5	17.2	4.0	18	10	34.8
10	10	ODTA-10-10	44.0	19.5	17.2	7.9	18	18	40.1
10	15	ODTA-10-15	51.8	19.5	17.2	7.9	18	19	43.7
12	10	ODTA-12-10	51.2	22.0	22.8	9.5	22	19	43.7
12	12	ODTA-12-12	51.2	22.0	22.8	9.5	22	22	43.7
12	16	ODTA-12-16	53.8	22.0	22.8	9.5	22	22	46.0
12	20	ODTA-12-20	56.1	22.0	22.8	9.5	22	22	46.0
12	25	ODTA-12-25	62.4	22.0	22.8	9.5	27	22	52.3
18	12	ODTA-18-12	54.8	22.0	24.4	15.1	27	30	44.5
18	16	ODTA-18-16	57.6	22.0	24.4	15.1	27	30	47.5
18	20	ODTA-18-20	57.6	22.0	24.4	15.1	27	30	47.5
18	25	ODTA-18-25	62.4	22.0	24.4	15.1	27	30	52.3
20	18	ODTA-20-18	57.6	22.0	26.0	13.9	30	32	47.5
20	25	ODTA-20-25	64.2	22.0	26.0	13.9	30	32	54.1
22	18	ODTA-22-18	57.6	22.0	26.0	13.9	30	32	47.5
22	20	ODTA-22-20	59.4	22.0	26.0	13.9	30	32	49.3
22	25	ODTA-22-25	64.2	22.0	26.0	13.9	30	32	54.1
25	18	ODTA-25-18	63.1	26.5	31.3	13.9	35	38	50.8
25	20	ODTA-25-20	63.1	26.5	31.3	13.9	35	38	52.3

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. ONLY FOR REFERENCE. SUBJECT TO CHANGE.
以上尺寸数据仅供参考, 如有变更恕不另行通知。本数据仅供参考, 如有变更, 恕不另行通知。

REDUCER / 异径接头(渐缩管)

(METRIC) Connects metric tube to fractional JWAN-LOK port

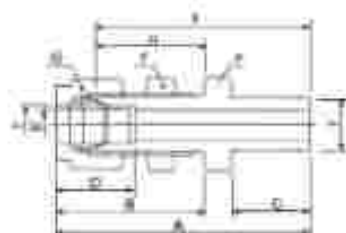
ODTA 型



T TUBE O.D.	T1 TUBE	CATALOG NUMBER	A	B	C	E	F	G	H
1/16	3.17	ODTA-005-01	29.21	16.92	8.63	1.27	7.93	7.93	25.40
1/16	3.17	ODTA-005-02	29.21	16.92	8.63	1.27	7.93	7.93	25.40
1/8	4.76	ODTA-01-015	28.95	15.24	12.70	1.78	11.11	11.11	22.35
1/8	4.76	ODTA-01-016	28.95	15.24	12.70	2.03	11.11	11.11	26.67
1/8	4.76	ODTA-01-015	34.29	15.24	12.70	2.28	11.11	11.11	27.88
1/8	4.76	ODTA-01-016	34.29	15.24	12.70	2.28	11.11	11.11	30.88
1/8	4.76	ODTA-01-015	37.59	15.24	12.70	2.28	11.11	11.11	30.88
1/8	4.76	ODTA-01-016	37.59	15.24	12.70	2.28	11.11	11.11	33.88
3/16	3.17	ODTA-015-01	34.29	18.00	13.71	2.03	11.11	12.70	28.19
3/16	3.17	ODTA-015-02	34.29	18.00	13.71	2.03	11.11	12.70	30.88
1/4	3.17	ODTA-02-01	36.88	17.78	15.24	2.08	12.70	14.28	29.46
1/4	3.17	ODTA-02-02	36.88	17.78	15.24	2.08	12.70	14.28	31.75
1/4	6.35	ODTA-02-02	38.11	17.78	15.24	4.82	12.70	14.28	31.75
1/4	6.35	ODTA-02-03	38.11	17.78	15.24	4.82	12.70	14.28	33.27
1/4	6.35	ODTA-02-04	38.11	17.78	15.24	4.82	12.70	14.28	35.88
1/4	15.87	ODTA-02-05	18.00	17.78	15.24	4.82	17.46	14.28	40.64
1/4	15.87	ODTA-02-06	18.00	17.78	15.24	4.82	17.46	14.28	43.66
5/16	9.52	ODTA-025-03	41.91	18.54	16.25	6.35	14.28	15.87	34.54
5/16	9.52	ODTA-025-04	41.91	18.54	16.25	6.35	14.28	15.87	36.57
3/8	6.35	ODTA-03-02	41.40	18.30	16.76	4.92	15.87	17.46	34.03
3/8	6.35	ODTA-03-03	41.40	18.30	16.76	4.92	15.87	17.46	36.57
3/8	12.7	ODTA-03-04	48.51	19.30	16.76	7.11	15.87	17.46	41.14
3/8	12.7	ODTA-03-05	48.51	19.30	16.76	7.11	15.87	17.46	43.66
3/8	19.05	ODTA-03-06	50.29	19.30	16.76	7.11	20.64	17.46	42.92
3/8	19.05	ODTA-03-07	50.29	19.30	16.76	7.11	20.64	17.46	45.97
1/2	9.52	ODTA-04-03	46.73	21.84	22.86	7.11	20.64	22.22	36.57
1/2	12.7	ODTA-04-04	46.73	21.84	22.86	7.11	20.64	22.22	41.14
1/2	15.87	ODTA-04-05	53.84	21.84	22.86	10.41	20.64	22.22	43.66
1/2	15.87	ODTA-04-06	53.84	21.84	22.86	10.41	20.64	22.22	46.68
1/2	25.4	ODTA-04-08	80.19	21.84	22.86	10.41	26.98	22.22	50.03
1/2	25.4	ODTA-04-09	80.19	21.84	22.86	10.41	26.98	22.22	53.03
5/8	22.22	ODTA-05-07	58.13	21.84	24.58	12.70	23.81	25.40	45.97
5/8	22.22	ODTA-05-08	58.13	21.84	24.58	12.70	23.81	25.40	48.97
3/4	12.7	ODTA-06-04	54.61	21.84	24.58	9.90	26.98	28.57	44.45
3/4	12.7	ODTA-06-05	54.61	21.84	24.58	9.90	26.98	28.57	47.45
1	9.52	ODTA-08-03	80.51	26.41	31.24	22.35	34.93	38.10	68.32
1	12.7	ODTA-08-04	80.51	26.41	31.24	22.35	34.93	38.10	71.32
1	19.05	ODTA-08-06	112.52	26.41	31.24	22.35	53.98	38.10	100.33

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. ONLY FOR REFERENCE SUBJECT TO CHANGE.
 2. 所有尺寸单位为毫米，除非另有说明，否则仅供参考，如有变更恕不另行通知。

BODTA 型



BULKHEAD ADAPTER / 穿板直通接头 Connects fractional tube to fractional JWAN-LOK port

CATALOG TUBE NUMBER O.D.	A	B	C	D	E	F	G	H	I	PANEL HOLE DRILL	MAX PANEL THICK
1/8 BODTA-01-01	49.53	31.24	13.45	12.70	2.03	12.70	11.11	24.63	42.92	8.33	12.70
1/4 BODTA-02-02	57.14	38.10	15.88	12.70	2.03	12.70	11.11	24.63	42.92	8.33	12.70
3/8 BODTA-03-03	61.21	38.83	17.50	16.78	7.11	19.05	17.46	29.46	53.84	14.88	11.17
1/2 BODTA-04-04	72.14	42.54	20.00	19.05	12.70	25.40	22.86	35.14	63.50	19.05	12.70
5/8 BODTA-05-05	76.18	42.67	24.70	24.38	12.70	26.98	26.40	32.51	65.02	22.83	12.70

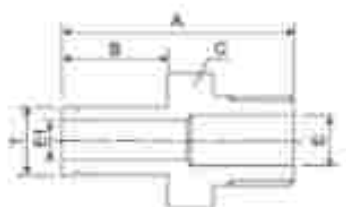
The bulkhead adapter is useful for panel construction when you need to set a direction.

大头转换螺母当需要设定方向的面板结构时是有用的。



Set a direction
设定方向

TAM 型

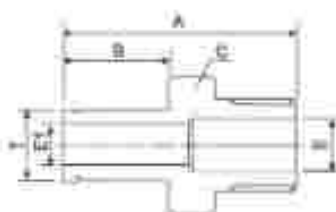


MALE ADAPTER / Tube 管转Pipe管外螺纹转换接头 Connects metric JWAN-LOK port to female ISO tapered thread

T TUBE	PT-NPT FEMALE PIPE SIZE	CATALOG NUMBER	A	B	C	E	E1
3	1/8	TAM-3-1	29.4	13.15	12	4.0	1.6
4	1/8	TAM-4-1	32.6	15.75	12	4.6	2.0
6	1/8	TAM-6-2	38.1	15.75	12	4.6	4.6
7	3/16	TAM-7-3	35.4	15.88	15	5.1	5.1
10	1/4	TAM-10-2	39.8	17.50	14	7.7	7.7
10	3/8	TAM-10-5	40.6	17.50	16	7.7	7.7
10	1/2	TAM-10-4	45.2	17.50	22	11.9	7.7
12	3/4	TAM-12-2	46.5	22.50	16	7.1	5.1
12	3/8	TAM-12-3	46.5	22.50	17	8.1	8.1
12	1/2	TAM-12-4	51.3	22.50	22	11.9	7.1
18	1/2	TAM-18-4	53.2	24.90	22	11.9	13.9
18	3/4	TAM-18-5	58.2	24.90	27	18.0	13.9

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. ONLY FOR REFERENCE! SUBJECT TO CHANGE.
此尺寸数据仅供参考，如有更改恕不另行通知，本数据仅供参考不作为法律依据。

TAM 型



MALE ADAPTER / Tube 管转Pipe管外螺纹转换接头 Connects fractional JWAN-LOK port to female PT(NPT) thread

T TUBE O.D.	PT-NPT FEMALE PIPE SIZE	CATALOG NUMBER	A	B	C	E	E1
1/8	1/8	TAM-01-1	26.50	13.45	11.11	4.57	1.77
1/8	1/4	TAM-01-2	26.50	13.45	13.25	5.88	2.14
3/16	1/8	TAM-01E-1	30.22	14.20	11.11	4.57	3.04
3/16	1/4	TAM-01E-2	30.22	14.20	13.25	5.88	3.81
1/4	1/8	TAM-02-1	31.80	15.75	11.11	4.57	4.57
1/4	1/4	TAM-02-2	31.80	15.75	13.25	5.88	4.57
1/4	3/8	TAM-02-3	37.84	15.75	17.46	10.41	4.57
1/2	1/2	TAM-03-1	43.40	17.75	17.46	10.41	7.11
5/16	1/8	TAM-02E-1	32.76	16.80	11.11	4.57	6.35
5/16	1/4	TAM-02E-2	32.76	16.80	13.25	5.88	6.35
3/8	1/8	TAM-03-1	33.50	17.50	11.11	4.57	7.11
3/8	1/4	TAM-03-2	33.50	17.50	13.25	5.88	7.11
3/8	3/8	TAM-03-3	39.80	17.50	17.46	10.41	7.11
1/2	1/2	TAM-04-1	45.20	17.50	17.46	10.41	9.90
1/2	3/4	TAM-04-2	44.50	23.20	14.28	7.11	9.90
1/2	1/2	TAM-04-3	40.50	21.30	17.46	10.41	9.90
1/2	1/2	TAM-04-4	50.50	23.20	22.22	12.70	9.90
3/4	3/4	TAM-05-1	57.40	24.70	17.46	10.41	12.70
3/4	1/2	TAM-05-2	52.30	24.70	22.22	12.70	12.70
3/4	3/4	TAM-05-3	52.30	24.70	22.22	12.70	14.98
3/4	1	TAM-06-1	57.91	24.70	34.92	22.35	14.98
1	3/4	TAM-06-2	56.70	31.70	26.98	18.28	17.46
1	1	TAM-06-3	56.70	31.70	34.92	22.35	17.46

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. SPEC FOR REFERENCES SUBJECT TO CHANGE.
以上尺寸单位为毫米，除非另有说明，否则以本图为准，且以本图为准，且以本图为准。

JWAN-LOK Adapter eliminates alignment problems



In the direction shown the female port is required to connect with tubing.



The male elbow is positioning in the wrong direction.

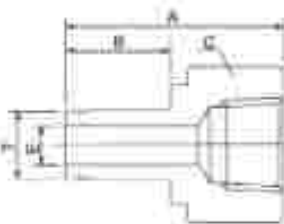


To eliminate the problem, use a male adapter into the female port.



Connect a union elbow to the adapter by tightening the JWAN-LOK port with a wrench pad in the desired direction.

TAF 型



FEMALE ADAPTER / Tube 管替Pipe管内螺紋轉換接头 Connects fractional JWAN-LOK port to male PT(NPT) thread

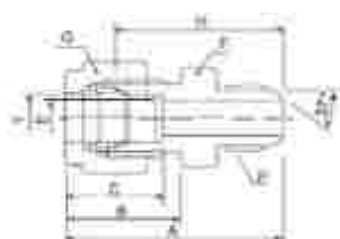
T TUBE O.D.	PT-NPT FEMALE PIPE SIZE	CATALOG NUMBER	A	B	C	E
1/8	1/8	TAF-01-1	31.50	13.45	14.28	1.77
1/8	1/8	TAF-01-2	31.50	13.45	14.28	1.77
3/16	1/8	TAF-015-1	32.00	14.20	14.28	3.04
3/16	1/8	TAF-015-2	32.00	14.20	14.28	3.04
1/4	1/8	TAF-02-1	33.02	15.75	14.28	4.57
1/4	1/8	TAF-02-2	33.02	15.75	14.28	4.57
1/4	3/8	TAF-02-3	39.37	15.75	22.22	4.57
1/4	1/2	TAF-02-4	40.38	17.50	22.22	7.11
5/16	1/8	TAF-025-1	34.29	16.80	14.28	6.35
5/16	1/8	TAF-025-2	34.29	16.80	14.28	6.35
3/8	1/8	TAF-03-1	34.29	17.50	14.28	7.11
3/8	1/8	TAF-03-2	34.29	17.50	14.28	7.11
3/8	3/8	TAF-03-3	40.38	17.50	22.22	7.11
3/8	1/2	TAF-03-4	40.38	17.50	22.22	7.11
1/2	1/4	TAF-04-2	43.43	23.20	19.05	9.90
1/2	1/2	TAF-04-3	43.43	23.20	22.96	9.90
1/2	1/2	TAF-04-4	51.80	23.20	26.98	9.90
5/8	1/2	TAF-05-4	53.84	24.70	26.98	12.70
3/4	1/2	TAF-06-4	52.83	24.70	26.98	14.98
3/4	1	TAF-06-8	58.42	24.70	41.27	14.98
1	3/4	TAF-08-6	60.70	31.70	33.33	20.08
1	1	TAF-08-8	64.26	31.70	41.27	20.08

Connects metric JWAN-LOK port to male PT(NPT) thread

3	1/8	TAF-3-1	31.15	13.15	14	1.8
5	1/8	TAF-5-1	32.95	13.15	14	3.0
6	1/4	TAF-6-2	37.10	15.75	19	4.6
8	1/4	TAF-8-2	37.80	16.50	19	6.7
10	1/4	TAF-10-2	38.10	17.50	19	7.7
10	1/2	TAF-10-4	46.50	17.50	27	7.7
12	1/2	TAF-12-4	46.10	22.00	27	9.1
12	3/8	TAF-12-3	46.00	23.50	22	9.1
18	3/4	TAF-18-6	54.80	24.90	32	13.9

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED, 1/16" FOR REFERENCE SUBJECT TO CHANGE.
上表尺寸单位为毫米，除非另有说明，否则仅供参考，如有变更，恕不另行通知。

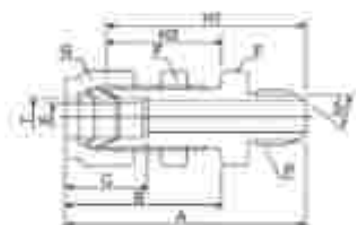
MCH 型



AN UNION / 卡套式 转JIC管接头 Connects fractional tube to AN flare tube

T TUBE O.D.	AN TUBE FLARE SIZE	CATALOG NUMBER	STRAIGHT THREAD P(U)	A	B	C	E	F	G	H
1/16	1/8	MCH-005-1U	5/16-24	27.17	10.92	8.63	1.27	11.11	7.62	23.36
1/8	1/4	MCH-01-2U	7/16-20	38.05	15.24	12.70	2.28	12.70	11.11	28.44
1/4	3/8	MCH-02-3U	9/16-18	50.80	20.32	15.24	2.54	15.24	12.70	38.10
5/16	5/16	MCH-025-2.5U	1/2-20	38.35	18.54	10.25	5.84	14.28	15.87	30.86
3/8	3/8	MCH-03-3U	9/16-18	50.82	19.30	18.76	7.11	15.87	17.48	32.25
1/2	1/2	MCH-04-4U	1-1/16-12	76.34	21.84	24.33	15.49	28.58	28.58	43.18
3/4	3/4	MCH-06-6U	1-1/16-12	76.34	21.84	24.33	15.49	28.58	28.58	43.18

BMCH 型

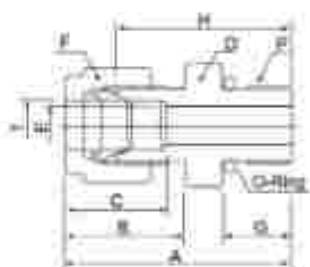


AN BULKHEAD UNION / 卡套式 转JIC管穿板接头 Connects fractional tube to AN flare tube

T TUBE O.D.	AN TUBE FLARE SIZE	CATALOG NUMBER	STRAIGHT THREAD P(U)	A	B	C	E	F	G	H1	H2	PANEL HOLE DRILL	MAX PANEL THICK
1/8	1/8	BMCH-01-1U	5/16-24	47.45	31.23	12.71	1.77	12.70	11.11	40.85	24.83	8.33	12.70
1/4	1/4	BMCH-02-2U	7/16-20	57.15	38.10	15.24	2.28	12.70	11.11	40.85	24.83	8.33	12.70
3/8	3/8	BMCH-03-3U	9/16-18	57.15	38.10	15.24	2.28	12.70	11.11	40.85	24.83	8.33	12.70
1/2	1/2	BMCH-04-4U	1-1/16-12	76.34	21.84	24.33	15.49	28.58	28.58	43.18	25.79	18.76	18.76
3/4	3/4	BMCH-06-6U	1-1/16-12	76.34	21.84	24.33	15.49	28.58	28.58	43.18	25.79	18.76	18.76

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. ONLY FOR REFERENCE SUBJECT TO CHANGE.
 2. 所有尺寸均以毫米为单位，除非另有说明，否则仅供参考，恕不另行通知。

MCS 型

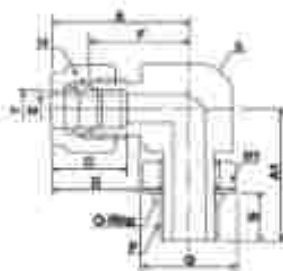


SAE MALE CONNECTOR / 卡套式至 SAE 直接头

Connects fractional tube to SAE straight thread boss

T TUBE O.D.	STRAIGHT THREAD P(U)	CATALOG NUMBER	A	B	C	D	E	F	G	H	O-Ring Union Size Number
1/8	5/16-24	MCS-01-1U	29.97	15.24	12.70	11.11	2.28	11.31	7.62	23.26	-902
1/4	9/16-18	MCS-02-3U	35.56	17.78	15.24	17.48	4.82	14.28	9.80	28.13	-906
1/4	7/8-14	MCS-02-5U	40.64	17.78	15.24	25.40	4.82	14.28	12.70	33.27	-910
3/8	7/16-20	MCS-03-2U	33.56	19.30	18.78	15.87	5.08	17.48	9.14	28.10	-904
3/8	3/4-16	MCS-03-4U	33.11	19.30	18.78	22.22	7.11	17.48	11.17	31.75	-908
1/2	9/16-18	MCS-04-3U	39.11	21.84	22.86	20.84	7.11	22.22	9.80	28.35	-906
1/2	7/8-14	MCS-04-5U	44.95	21.84	22.86	25.40	10.41	22.22	12.70	31.79	-910
5/8	3/4-16	MCS-05-4U	41.81	21.84	24.38	23.81	10.48	25.40	11.17	31.75	-908
3/4	3/4-16	MCS-06-4U	45.97	21.84	24.38	26.96	10.66	28.57	11.17	35.81	-908
7/8	1-3/16-12	MCS-07-7U	49.02	21.84	25.90	34.82	18.28	31.75	14.98	58.86	-914
1	1-5/16-12	MCS-08-8U	54.35	26.47	31.24	38.10	22.55	38.10	14.98	63.16	-916

MES 型



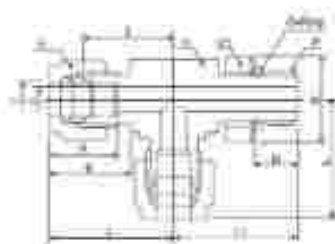
SAE MALE ELBOW / 卡套式至 SAE 弯接头

Connects fractional tube to SAE straight thread boss

T TUBE O.D.	STRAIGHT THREAD P(U)	CATALOG NUMBER	A	A1	B	C	D	E	F	G	H	H1	O-Ring Union Size Number
1/4	1/16-20	MES-02-2U	25.44	28.44	9.30	15.24	17.78	4.82	21.08	18.51	12.70	14.28	-904
3/8	9/16-18	MES-03-3	32.30	32.25	11.17	18.78	18.30	7.11	34.63	25.04	15.87	17.48	-906
1/2	3/4-16	MES-04-4	37.50	37.64	12.70	27.86	21.84	10.41	27.43	25.65	20.94	22.22	-908
3/4	1-3/16-12	MES-07-7	43.18	50.54	18.78	25.90	21.84	18.28	33.02	40.36	31.75	34.32	-914
1	1-5/16-12	MES-08-8	50.54	63.89	18.78	31.24	26.41	22.55	38.35	43.94	34.32	38.10	-916

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以上所有数据仅供参考, 如未注明单位均为毫米, 所有数据仅供参考, 如有更改, 恕不另行通知。

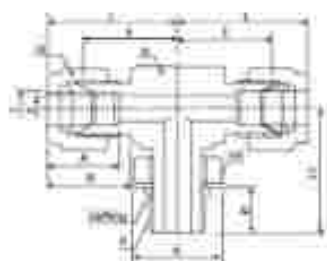
RTS 型



POSITIONABLE SAE MAKE RUN TEE / 卡套式至 SAE 接头侧三通 Connects fractional tube to SAE straight thread boss

T TUBE O.D.	STRAIGHT THREAD F.U.	CATALOG NUMBER	A	B	E	H	H	H1	I	J	L	L1	K	O-Ring Size Number
1/4	7/16-20	RTS-03-3U	15.24	17.78	4.82	12.70	14.28	14.28	21.08	8.90	28.44	28.44	16.51	-804
3/8	1/2-14	RTS-03-4U	19.05	21.84	6.35	15.88	17.78	17.78	24.13	11.43	33.02	33.02	21.51	-908
1/2	3/4-16	RTS-04-4U	22.86	21.84	10.41	20.64	22.22	22.22	27.43	12.70	37.58	37.84	25.65	-908
3/4	1-11	RTS-05-4U	24.81	21.84	12.70	24.13	25.40	25.40	30.76	15.24	43.18	43.18	30.76	-912
1	1-5/8-12	RTS-06-8U	31.24	26.41	22.35	34.92	38.10	38.10	38.35	18.78	50.54	53.54	43.94	-916

BTS 型

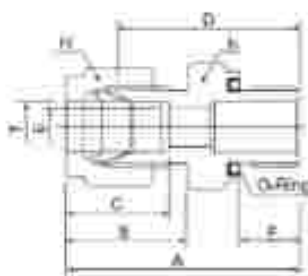


POSITIONABLE SAE MAKE BRANCH TEE / 卡套式至 SAE 接头支管三通 Connects fractional tube to SAE straight thread boss

T TUBE O.D.	STRAIGHT THREAD F.U.	CATALOG NUMBER	A	B	E	H	H	H1	I	J	L	L1	K	O-Ring Size Number
1/4	7/16-20	BTS-03-3U	15.24	17.78	4.82	12.70	14.28	14.28	21.08	8.90	28.44	28.44	16.51	-804
3/8	1/2-14	BTS-03-4U	19.05	21.84	6.35	15.88	17.78	17.78	24.13	11.43	33.02	33.02	21.51	-908
1/2	3/4-16	BTS-04-4U	22.86	21.84	10.41	20.64	22.22	22.22	27.43	12.70	37.58	37.84	25.65	-908
3/4	1-11	BTS-05-4U	24.81	21.84	12.70	24.13	25.40	25.40	30.76	15.24	43.18	43.18	30.76	-912
1	1-5/8-12	BTS-06-8U	31.24	26.41	22.35	34.92	38.10	38.10	38.35	18.78	50.54	53.58	43.94	-916

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. REFER TO REFERENCE DRAWING FOR CHANGE.
以上尺寸单位为毫米，除非另有说明，否则以参考图为准。

MCOS 型

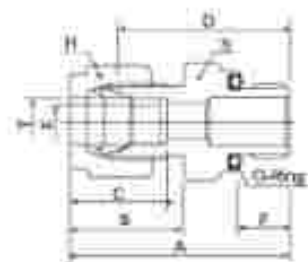


O-SEAL STRAIGHT THREAD CONNECTION / 卡套式至 O-SEAL 直螺纹接头 Connects fractional tube to female straight thread

T. TUBE O.D.	STRAIGHT THREAD TUN	CATALOG NUMBER	A	B	C	D	E	F	G	H	O-ring Seal Size
1/8	5/16-20	MCOS-01-1U	32.78	15.24	12.70	14.28	2.28	11.11	28.18	8.63	-111
1/8	7/16-20	MCOS-02-1U	38.35	17.78	15.24	16.05	4.82	14.28	30.98	10.41	-111
1/4	7/16-20	MCOS-02-2U	38.35	17.78	15.24	16.05	4.82	14.28	30.98	10.41	-111
3/8	9/16-18	MCOS-03-3U	42.41	19.30	16.78	23.81	7.11	17.48	35.25	11.92	-113
1/2	1-1/8-12	MCOS-06-6U	82.32	21.84	21.38	38.10	15.74	28.58	42.15	14.22	-215

O-SEAL TAPERED THREAD CONNECTION / 卡套式至 O-SEAL 锥螺纹接头 Connects fractional tube to female straight thread

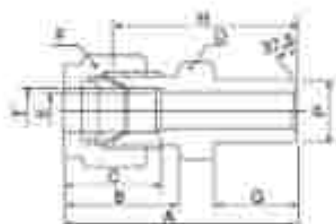
MCOP 型



T. TUBE O.D.	PT. RPT MALE PIPE SIZE	CATALOG NUMBER	A	B	C	D	E	F	G	H	O-ring Seal Size
1/8	1/8	MCOP-01-1	32.78	15.24	12.70	19.05	2.28	11.11	28.18	7.11	-111
1/8	1/8	MCOP-02-1	38.35	17.78	15.24	19.05	4.82	14.28	30.98	7.11	-111
1/4	1/4	MCOP-02-2	38.35	17.78	15.24	23.81	4.82	14.28	30.98	9.65	-113
3/8	3/8	MCOP-03-3	42.41	19.30	16.78	23.81	7.11	17.48	34.03	10.41	-113
1/2	1/2	MCOP-04-4	48.78	21.84	22.86	33.33	10.41	22.22	39.62	13.48	-212

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以上所有数据均以毫米为单位, 如未另加说明, 本数据仅供参考, 如有更改, 恕不另行通知。

ODBW 型



MALE PIPE WELD CONNECTOR / 卡套式至 PIPE 管对焊接头 Connects fractional tube to pipe

T TUBE	MALE PIPE SIZE P		CATALOG NUMBER	A	B	C	D	E	F	G	H
O.D.	Nom. inch	mm									
1/8	1/8	10.29	ODBW-01-1P	31.24	15.24	12.70	11.11	2.28	11.11	9.85	25.87
1/4	1/8	10.29	ODBW-02-1P	32.76	17.78	13.28	12.70	4.82	14.28	9.85	25.40
5/16	1/8	10.29	ODBW-025-1P	34.03	18.54	18.25	14.28	5.08	15.87	9.85	26.67
3/8	1/4	13.72	ODBW-03-2P	38.87	19.30	18.78	15.87	7.11	17.48	14.22	32.51
3/8	1/2	21.34	ODBW-03-4P	43.73	19.30	18.78	22.22	7.11	17.48	11.05	38.86
1/2	1/2	21.34	ODBW-04-4P	43.02	21.84	22.86	22.22	10.41	22.22	19.05	38.86
5/8	1/2	21.34	ODBW-05-4P	48.02	21.84	24.38	23.81	12.70	25.40	19.05	38.86
1	1	33.40	ODBW-08-8P	62.03	26.41	31.24	34.92	22.35	38.10	23.87	58.03

Connects metric tube to pipe

T TUBE	MALE PIPE SIZE P		CATALOG NUMBER	A	B	C	D	E	F	G	H
O.D.	Nom. inch	O.D. mm									
3	1/8	10.29	ODBW-3-1P	29.7	15.3	12.9	12	2.4	12	9.7	23.1
4	1/8	10.29	ODBW-4-1P	30.7	16.3	13.3	12	2.4	12	9.7	23.1
6	1/8	10.29	ODBW-6-1P	32.8	17.7	15.3	14	4.8	14	9.7	25.4
8	1/8	10.29	ODBW-8-1P	34.2	18.8	18.2	15	5.1	18	9.7	26.7
10	1/8	10.29	ODBW-10-1P	38.1	18.8	18.2	15	5.1	18	9.7	26.7
6	1/2	21.34	ODBW-6-4P	44.8	18.6	16.2	22	6.4	16	19.0	37.3
10	1/4	13.72	ODBW-10-3P	40.1	19.5	17.2	16	7.9	19	14.2	32.5
12	1/4	13.72	ODBW-12-2P	43.4	22.0	22.8	22	7.1	22	14.2	33.3
12	1/2	21.34	ODBW-12-4P	46.02	22.0	22.8	22	9.5	22	19.0	38.1
15	1/2	21.34	ODBW-15-4P	49.0	22.0	24.4	24	11.9	25	19.0	38.9
18	1/2	21.34	ODBW-18-4P	56.0	22.0	24.4	24	11.9	25	19.0	38.9
18	1/2	21.34	ODBW-18-4P	60.6	22.0	24.4	27	13.5	30	19.0	40.4

ALL DIMENSIONS ARE IN MILLIMETERS (INCH DIMENSIONS SPECIFIED, ONLY FOR REFERENCE SUBJECT TO CHANGE).
此乃1000分度，尺寸单位为毫米，英寸仅供参考，如有更改，恕不另行通知。

JWAN-LOK WELDING INFORMATION

JWAN-LOK weld ends are constructed to Schedule 80 wall or greater. The first step is to remove the nut and ferrules from the JWAN-LOK fitting to protect them from weld heat and cover the threads with a protective device (i.e. another nut or a plug) DP to protect the JWAN-LOK port threads & sealing surface from weld spatter. Only finger-tighten the protective device so that you can use it many times. The second step is to tack weld at four positions 90° apart to hold the fitting in place to ensure alignment and concentricity of the components, then complete the weld.

TUBE SOCKET WELD ELBOW / 卡套式转 PIPE 管对接弯头
Connects fractional tube to pipe

EBW 型



TUBE O.D.	MALE PIPE P Nom. O.D. inch mm	SIZE P	CATALOG NUMBER	A	B	E	h	H	I	h	L	L1
1/8	1/8	10.29	EBW-01-1P	15.24	17.78	4.82	12.70	14.28	19.55	9.85	26.92	18.79
3/8	3/8	13.72	EBW-02-3P	16.76	19.30	7.11	15.87	17.46	21.11	14.22	30.48	21.48
1/2	1/2	20.98	EBW-03-1P	20.98	23.52	9.85	20.98	22.57	26.92	19.55	38.10	26.92
3/4	3/4	26.67	EBW-04-6P	24.38	27.84	15.74	26.98	28.58	29.71	19.05	36.83	26.83

TUBE SOCKET WELD CONNECTOR / 卡套式转 TUBE 管承插焊接头
Connects fractional tube

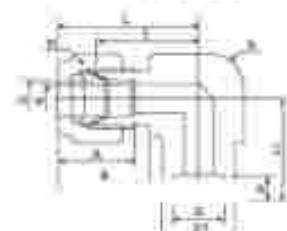
DSW 型



TUBE O.D. D		Q1	CATALOG NUMBER	A	B	C	E	F	G	I	h	h
inch	mm											
1/8	3.17	7.87	DSW-01-1	28.96	15.24	12.70	2.38	11.11	11.11	22.35	8.63	6.35
3/8	9.52	15.74	DSW-02-3	37.58	18.30	15.78	7.11	15.87	17.46	30.22	11.93	9.85
1/2	20.98	26.67	DSW-03-6	43.43	21.84	24.38	15.74	26.98	28.58	32.27	11.93	14.22

TUBE SOCKET WELD ELBOW / 卡套式转 TUBE 管承插焊弯头
Connects fractional tube

ESW 型



TUBE O.D. D		Q1	CATALOG NUMBER	A	B	E	h	H	I	J	L	L1
inch	mm											
1/4	6.35	12.07	ESW-02-2	15.24	17.78	4.82	12.70	14.28	19.55	7.87	26.92	19.55
1/2	12.70	20.97	ESW-04-4	22.86	21.84	10.41	20.64	22.22	26.90	12.70	38.08	25.90
1	25.40	35.35	ESW-08-8	31.24	28.41	22.35	34.93	38.10	36.83	19.05	49.02	36.83

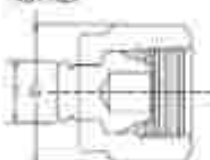
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SPECIFIED. ONLY FOR REFERENCE. SEE ALSO IN CHINA.
以上所有尺寸均为毫米，如未注明单位为英寸。仅供参考，请参见中国标准。

**PLUG / 堵头
(METRIC)**

P 型



NUT HEX

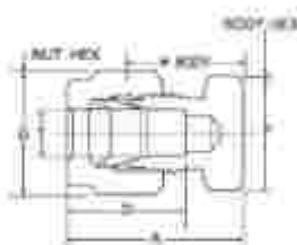


(FRACTIONAL)

	CATALOG NUMBER	G	TUBE O.D.	CATALOG NUMBER	G
3	P-3	10	1/10	P-005	10.0
4	P-4	12	1/8	P-007	12.0
6	P-6	14	3/16	P-013	12.0
8	P-8	16	1/4	P-015	16.0
10	P-10	19	3/8	P-023	17.0
12	P-12	22	1/2	P-025	19.0
14	P-14	27	3/4	P-035	21.0
16	P-16	27	1	P-035	27.0
18	P-18	30			
20	P-20	32			
22	P-22	33			
25	P-25	38			

**CAP / 管帽
(METRIC)**

C 型



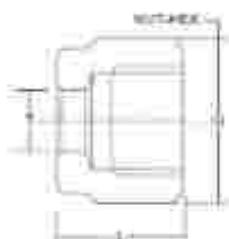
TUBE O.D.	CATALOG NUMBER	A	D	F	G	H
2	C-2	20.1	12.9	12	12	13.5
3	C-3	20.7	13.5	12	12	13.5
4	C-4	21.3	13.7	12	12	14.7
5	C-5	22.5	15.2	14	17	16.7
8	C-8	24.3	16.2	14	17	17.0
10	C-10	25.8	17.7	15	18	18.0
12	C-12	26.1	22.8	22	22	19.0
15	C-15	29.9	24.4	24	27	19.8
16	C-16	29.3	24.3	25	27	19.8
18	C-18	31.4	24.4	27	30	21.3
20	C-20	34.0	26.0	30	30	23.9
22	C-22	34.0	26.0	30	30	23.9

(FRACTIONAL)

1/16	C-005	15.0	8.6	10	10	11.2
1/8	C-007	16.7	12.7	12	12	13.5
3/16	C-015	21.3	13.7	12	12	14.7
1/4	C-023	25.7	15.2	14	17	16.7
3/8	C-035	25.7	16.2	17	17	18.3
1/2	C-050	29.9	24.4	24	27	19.8
3/4	C-065	31.5	24.4	27	30	21.3
1	C-080	34.0	26.0	30	30	23.9

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 以上所有尺寸单位为毫米，除非另有说明，所有尺寸均可能更改。

N 型



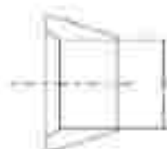
NUT / 螺帽 (METRIC)

TUBE O.D.	CATALOG NUMBER	G	L
2	N-2	10	11.8
3	N-3	10	12.2
4	N-4	12	11.9
5	N-5	12	12.3
8	N-8	17	13.3
10	N-10	17	13.7
12	N-12	22	17.4
15	N-15	22	18.4
18	N-18	27	17.4
20	N-20	27	17.4
22	N-22	32	17.4
25	N-25	32	17.4

(FRACTIONAL)

TUBE O.D.	CATALOG NUMBER	G	L
1/16	N-005	10	7.9
3/16	N-015	12	11.9
1/8	N-03	17	13.5
3/8	N-05	22	17.5
1/2	N-06	32	20.6

FF 型



FRONT FERRULE / 前卡圈 (METRIC)

TUBE O.D.	CATALOG NUMBER	TUBE O.D.	CATALOG NUMBER
2	FF-2	1/16	FF-005
3	FF-3	3/16	FF-15
4	FF-4	1/8	FF-03
5	FF-5	3/8	FF-05
8	FF-8	1/2	FF-06
10	FF-10		
12	FF-12		
15	FF-15		
18	FF-18		
20	FF-20		
22	FF-22		
25	FF-25		

(FRACTIONAL)

BF 型



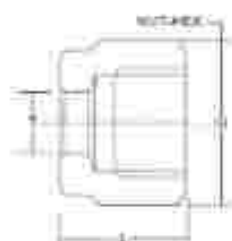
BACK FERRULE / 后卡圈 (METRIC)

TUBE O.D.	CATALOG NUMBER	TUBE O.D.	CATALOG NUMBER
2	BF-2	1/16	BF-005
3	BF-3	3/16	BF-015
4	BF-4	1/8	BF-03
5	BF-5	3/8	BF-05
8	BF-8	1/2	BF-06
10	BF-10		
12	BF-12		
15	BF-15		
18	BF-18		
20	BF-20		
22	BF-22		
25	BF-25		

(FRACTIONAL)

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 以上尺寸单位为毫米，除非另有说明，否则均以毫米为单位。仅供参考。

N 型



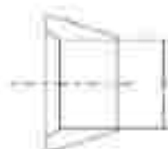
NUT / 螺帽 (METRIC)

TUBE O.D.	CATALOG NUMBER	G	L
2	N-2	10	11.8
3	N-3	10	12.2
4	N-4	12	11.9
5	N-5	12	12.3
6	N-6	17	13.3
8	N-8	16	13.7
12	N-12	22	17.4
15	N-15	22	18.4
18	N-18	27	17.4
22	N-22	32	17.4
25	N-25	32	19.8

(FRACTIONAL)

TUBE O.D.	CATALOG NUMBER	G	L
1/16	N-005	10	7.9
3/16	N-015	12	11.9
1/8	N-03	17	13.5
3/8	N-05	22	17.5
1/2	N-06	32	20.6

FF 型



FRONT FERRULE / 前卡圈 (METRIC)

TUBE O.D.	CATALOG NUMBER	TUBE O.D.	CATALOG NUMBER
2	FF-2	1/16	FF-005
3	FF-3	3/16	FF-15
4	FF-4	1/8	FF-03
5	FF-5	3/8	FF-05
6	FF-6	1/2	FF-06
8	FF-8		
12	FF-12		
15	FF-15		
18	FF-18		
22	FF-22		
25	FF-25		

(FRACTIONAL)

BF 型



BACK FERRULE / 后卡圈 (METRIC)

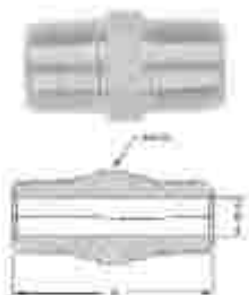
TUBE O.D.	CATALOG NUMBER	TUBE O.D.	CATALOG NUMBER
2	BF-2	1/16	BF-005
3	BF-3	3/16	BF-015
4	BF-4	1/8	BF-03
5	BF-5	3/8	BF-05
6	BF-6	1/2	BF-06
8	BF-8		
12	BF-12		
15	BF-15		
18	BF-18		
22	BF-22		
25	BF-25		

(FRACTIONAL)

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 以上均为毫米制单位，除非另有说明，仅供参考，中国境内使用。

HEX NIPPLE (METRIC)

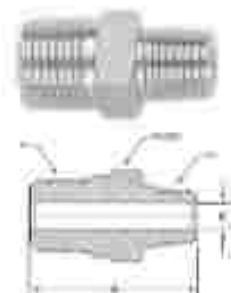
HN 型
双外牙接头
HEX NIPPLE



P MALE PT/NPT SIZE	CATALOG NUMBER	A	E MIN OPENING	F HEX FLAT
1/4	HN-02	32	6	14
1/2	HN-04	42	10	22
1	HN-08	66	21	35

REDUCING HEX NIPPLE

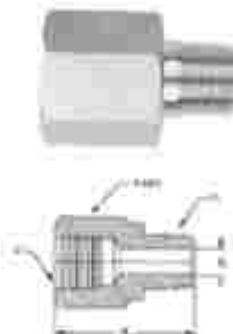
RHN 型
异径双外牙接头
REDUCING HEX NIPPLE



P MALE PT/NPT SIZE	P1 MALE PT/NPT SIZE	CATALOG NUMBER	A	E MIN OPENING	F HEX FLAT
3/8	1/8	RHN-02-01	31	5	17
1/2	1/8	RHN-04-01	35	6	22
1/2	3/8	RHN-04-03	39	8	22
3/4	3/8	RHN-06-03	42	8	27
1	1/2	RHN-08-04	61	10	36

REDUCING ADAPTOR

RA 型
直通内外牙接头
REDUCING ADAPTOR



P MALE PT/NPT SIZE	P1 MALE PT/NPT SIZE	CATALOG NUMBER	A	E MIN OPENING	F HEX FLAT
1/4	1/8	RA-02-01	30	5	17
3/8	1/8	RA-03-01	30	6	22
3/8	3/8	RA-03-03	34	8	22
1/2	3/4	RA-04-03	38	8	27
1/2	1/2	RA-04-04	42	10	27
3/4	3/8	RA-06-03	41	8	32
1	1/4	RA-08-01	43	6	40
1	1/2	RA-08-04	47	10	40

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所有尺寸均为毫米，除非另有说明。尺寸仅供参考，可能会有更改。

HEX COUPLING

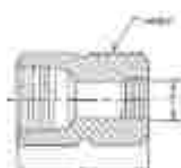
HCG 型
双向牙接头
HEX COUPLING



F FEMALE PT/NPT SIZE	CATALOG NUMBER	A	E MIN OPENING	F HEX FLAT
1/4	HCG-02	32	11	17
3/8	HCG-03	37	13	19
1/2	HCG-04	39	18	27
3/4	HCG-05	43	23	33
1	HCG-06	49	28	40

REDUCING HEX COUPLING

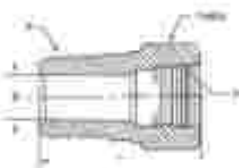
RHCG 型
异径双向牙
REDUCING HEX COUPLING



FEMALE PT/NPT SIZE	FEMALE PT/NPT SIZE	CATALOG NUMBER	A	E	F
1/4	1/8	RHCG-01-01	31	9	16
3/8	1/8	RHCG-03-01	32	8	22
3/8	1/4	RHCG-03-02	33	7	27
1/2	1/8	RHCG-04-01	37	8	27
1/2	1/4	RHCG-04-02	38	7	33
1/2	3/8	RHCG-04-03	41	14	27
3/4	1/8	RHCG-05-01	40	7	33
3/4	3/8	RHCG-06-03	41	14	32
1	1/8	RHCG-07-01	42	7	40
1	1/2	RHCG-08-04	47	19	40

REDUCING BUSHING

RB 型
补芯
REDUCING BUSHING



P MALE PT/NPT SIZE	F1 FEMALE PT/NPT SIZE	CATALOG NUMBER	A	E MIN OPENING	F HEX FLAT
1/8	1/8	RB-01-01	19	7	13
3/8	1/8	RB-03-01	25	7	17
3/8	1/4	RB-03-02	26	7	19
1/2	1/8	RB-04-01	27	7	22
1/2	1/4	RB-04-02	28	7	27
1/2	3/8	RB-04-03	27	14	22
3/4	1/8	RB-05-01	30	7	27
3/4	3/8	RB-06-03	30	14	27
1	1/8	RB-08-02	30	11	33
1	1/2	RB-09-04	35	19	33

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所有尺寸单位为毫米，除非另有说明，否则仅供参考。恕不另行通知。

MALE ELBOW

MET 型
双外牙直角接头
MALE ELBOW



#	MALE PT/NPT SIZE	CATALOG NUMBER	E	L
1/8	1/8	MET-02	8	24.8
1/4	1/4	MET-03	9	26.8
1/2	1/2	MET-04	10	37.7
3/4	3/4	MET-05	11	41.3
1	1	MET-06	21	49.2

ELBOW

E 型
五角双内牙接头
ELBOW



#	MALE PT/NPT SIZE	CATALOG NUMBER	E	L
1/8	1/8	E-01	8	24.8
1/4	1/4	E-02	9	26.8
1/2	1/2	E-04	10	35.5
3/4	3/4	E-05	11	41.3
1	1	E-06	21	47.2

STREET ELBOW

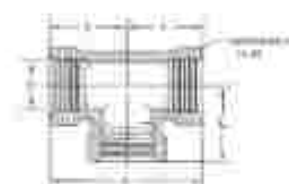
SE 型
内外牙弯头
STREET ELBOW



#	MALE/FEMALE PT/NPT SIZE	CATALOG NUMBER	E	L	S
1/8	1/8	SE-01	8	24.8	25.5
1/4	1/4	SE-02	9	24.8	25.5
1/2	1/2	SE-04	10	35.5	35.5
3/4	3/4	SE-05	11	41.3	41.3
1	1	SE-06	21	47.2	49.2

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上表尺寸单位为毫米，除非另有说明，所有尺寸均为参考值，仅供参考。

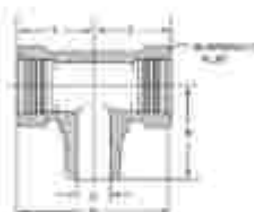
T 型
内牙三通
TEE



TEE

P FEMALE PT/NPT SIZE	CATALOG NUMBER	A	E	L
1/8	T-01	40.0	7	24.8
1/4	T-02	49.8	11	34.8
3/8	T-03	59.8	15	44.8
1/2	T-04	71.0	18	55.5
3/4	T-05	84.4	23	67.2
1	T-06	94.4	29	81.2

BT 型
内外牙三通接头
BRANCH TEE

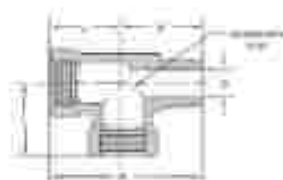


BRANCH TEE

P FEMALE PT/NPT SIZE	CATALOG NUMBER	A	E	L	G
1/8	BT-01	40.0	7	24.8	25.5
1/4	BT-02	49.8	8	34.8	35.5
3/8	BT-03	59.8	11	44.8	45.5
1/2	BT-04	71.0	10	55.5	55.5
3/4	BT-05	84.4	17	67.2	67.2
1	BT-06	94.4	21	81.2	81.2

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ST 型
内外牙三通
STREET TEE

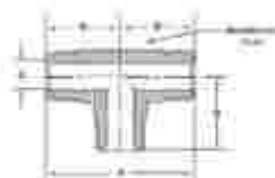


STREET TEE

P MALE/FEMALE PT/INT. SIZE	CATALOG NUMBER	A	E	L	S
1/8	ST-02	50.8	8	24.8	21.8
1/4	ST-04	71.2	10	38.8	35.8
3/8	ST-06	91.4	11	48.8	45.8
1/2	ST-08	127.0	21	67.2	64.2

MALE TEE

MT 型
外牙三通
MALE TEE



P PT/INT. SIZE	CATALOG NUMBER	A	E	S
1/8	MT-02	50.8	8	21.8
1/4	MT-04	71.2	8	24.8
3/8	MT-06	91.4	11	38.8
1/2	MT-08	127.0	21	67.2
1	MT-10	181.4	21	95.2

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. ONLY FOR REFERENCE. SUBJECT TO CHANGE.
2017年10月10日，星期三，10:10:10，10:10:10

PNV型高压针阀

型号说明

C 碳钢 全不锈钢	PNV 直通 PNA 直角阀	6 进口端短接	M 外螺纹(NPT) F 内螺纹(NPT)	5 出口端短接	M 外螺纹(NPT) F 内螺纹(NPT)	V 5000PSI T 10000PSI	B 密封性
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CPNV/CPNA 型 碳钢针型阀

CARBON STEEL M x F F x F
NEEDLE VALVE
SERIES: CPNV-6000PSI-10000PSI



CPNV

CPNA

SPNV/SPNA 型 不锈钢针型阀

STAINLESS STEEL M x F F x F
NEEDLE VALVE
SERIES: SPNV-500PSI-10000PSI

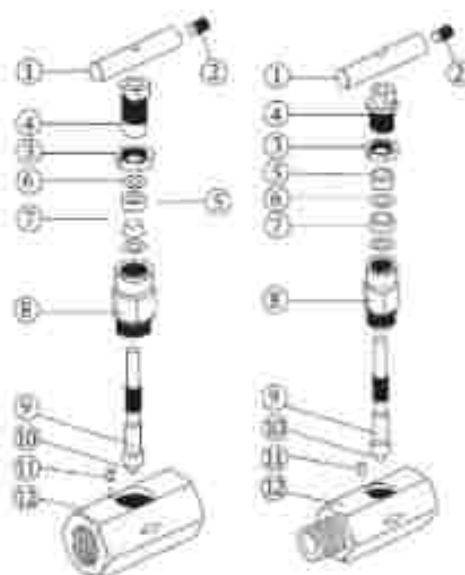


SPNV (M x F)

SPNV (F x F)

Material of Construction

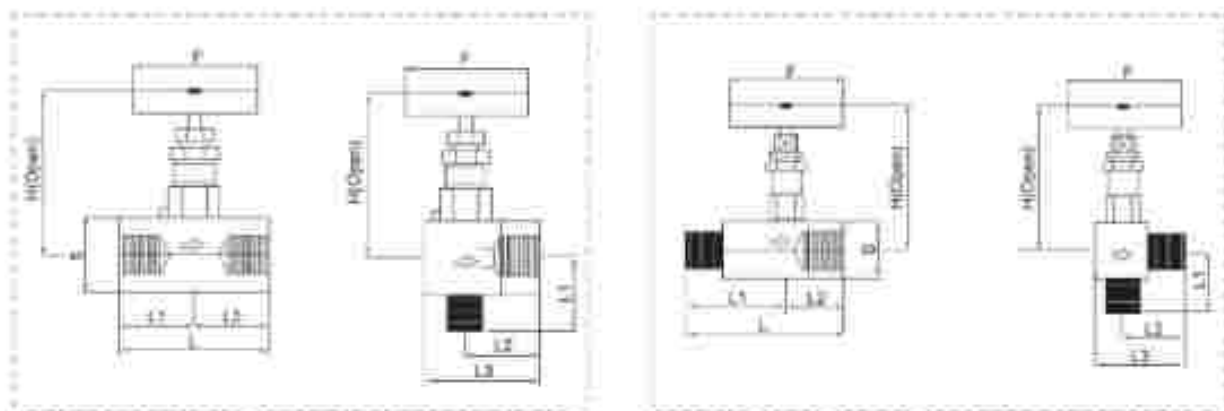
结构材料



Accessories (配件)	Drawing (W. Specification)	
	Model Number (零件号)	Accessories
1. Handle 手柄	SS304	A105
2. Set Screw 固定螺栓	SS304	A105
3. Lock Nut 固定螺母	SS304	A105
4. Packing Bolt 填料安装螺栓	SS316	A105
5. Packing Gland 填料压头	SS316	A105
6. Packing Washer 填料垫圈	SS316	SS304
7. Packing 填料	PTFE	PTFE
8. Bonnet 阀盖	SS316	A105
9. Stem 阀杆	SS316	SS304
10. Yee Tie/F型阀杆螺母 Ball Tip/球型密封螺母	SS316 SS304/A64	
11. Stop 止动块	SS304	SS304
12. Body 阀体	SS316	A105

以上零件材料仅供参考，实际使用请参考产品规格书，本图仅供参考不作为生产依据。

型号和外型尺寸



Basic Model No. 基本型号		Pressure Rating 工作压力	Class 等级	Orifice D ₁ 口径	Body Connection 接口形式	Dimensions in mm 尺寸 (mm)						
SPNV	CPNV					L	L'	L''	L'''	H	F	W
SPNV4F4F	CPNV4F4F	6000PSI	5	0.02	1/4(F) x 1/4(F)	75	37.5	37.5		32	57	72
SPNV4M4M	CPNV4M4M				1/4(M) x 1/4(F)	82	47	35		32	57	72
SPNV8F8F	CPNV8F8F				1/2(F) x 1/2(F)	75	37.5	37.5		32	57	72
SPNV8M8F	CPNV8M8F				1/2(M) x 1/2(F)	82	47	35		32	57	72
SPNV8M4F	CPNV8M4F				1/2(M) x 1/4(F)	82	47	35		32	57	72
SPNV12F12F	CPNV12F12F		6	0.5	3/4(F) x 3/4(F)	75	37.5	37.5		32	57	72
SPNV12M12F	CPNV12M12F				3/4(M) x 3/4(F)	82	47	35		32	57	72
SPNV16F16F	CPNV16F16F		7	0.65	1(F) x 1(F)	95	47.5	47.5		41	57	80
SPNV16M16F	CPNV16M16F				1(M) x 1(F)	95	55	40		41	57	80
SPNV4F4FT	CPNV4F4FT	10000PSI	5	0.02	1/4(F) x 1/4(F)	75	37.5	37.5		32	57	72
SPNV4M4FT	CPNV4M4FT				1/4(M) x 1/4(F)	82	47	35		32	57	72
SPNV8F8FT	CPNV8F8FT				1/2(F) x 1/2(F)	75	37.5	37.5		32	57	72
SPNV8M8FT	CPNV8M8FT				1/2(M) x 1/2(F)	82	47	35		32	57	72
SPNV8M4FT	CPNV8M4FT				1/2(M) x 1/4(F)	82	47	35		32	57	72
SPNV12F12FT	CPNV12F12FT		6	0.5	3/4(F) x 3/4(F)	75	37.5	37.5		32	57	72
SPNV12M12FT	CPNV12M12FT				3/4(M) x 3/4(F)	82	47	35		32	57	72
SPNV16F16FT	CPNV16F16FT		7	0.65	1(F) x 1(F)	95	47.5	47.5		41	57	80
SPNV16M16FT	CPNV16M16FT				1(M) x 1(F)	95	55	40		41	57	80
SPNV8M8FB	CPNV8M8FB	8000PSI	5	0.02	1/2(M) x 1/2(F)	82	47	35		32	57	72
SPNV8F8FB	CPNV8F8FB				1/2(F) x 1/2(F)	75	37.5	37.5		32	57	72
SPNV4M4FB	CPNV4M4FB				1/4(M) x 1/4(F)	82	47	35		32	57	72
SPNA4M4F	CPNA4M4F				1/4(M) x 1/4(F)		38	30	48		57	76
SPNA4M4FT	CPNA4M4FT				1/4(M) x 1/4(F)		38	30	48		57	76
SPNA3M3F	CPNA3M3F				1/2(M) x 1/2(F)		38	30	48		57	76
SPNA3M3FT	CPNA3M3FT				1/2(M) x 1/2(F)		38	30	48		57	76
SPNV38F38F	CPNV38F38F		5	0.52	3/8(F) x 3/8(F)	75	37.5	37.5		32	57	72
SPNV38M38F	CPNV38M38F				3/8(M) x 3/8(F)	82	47	35		32	57	72
SPNV38M38FT	CPNV38M38FT				3/8(M) x 3/8(F)	82	47	35		32	57	72
SPNA38M38FT	CPNA38M38FT				3/8(M) x 3/8(F)		38	30	48		57	76

以上为1/2英寸接口尺寸，如为1英寸接口尺寸，A和B尺寸增加12.7mm。

Screwed Bonnet Needle Valves

螺丝阀帽针阀

订购型号



NVF	Q2	CO	B	
针阀针具	卡套连接尺寸	卡套连接	标准口	
NVF	Q2	F/M	(PT, NPT, Q)	B
针阀针具	连接形式	F-内螺纹 PT-美制锥丝 M-外螺纹 NPT-美制锥丝 Q-国际锥螺纹	标准口	
NVF	12	BW/W	H	
针阀针具	连接尺寸	BW-合金钢 W-不锈钢	标准45°	



● Handle / 手柄

Aluminum bar and S.S. bar handle. 铝合金或不锈钢手柄

● Packing Bolt / 填料锁紧螺栓

Packing bolt design permits packing adjustments in the open position.

填料螺栓设计允许在打开或关闭位置进行填料调节

● Locking Nut / 固定螺母

Prevents packing bolt from loosening. 防止填料螺栓松动

● Packing / 填料

Below stem threads, isolate stem thread from process and prevents stem lubricant washout.

PTFE is standard with reinforced packing washer. Grafol available upon request.

填料位于阀杆下方, 可避免阀杆与介质接触并防止阀杆润滑剂冲刷。PTFE标准填料并
可加石墨填料等, 柔性石墨亦可提供。

● Metal Seal / 金属密封

Construction ensure safety. 更确保结构安全性。

● Stop Pin / 固定插销

Prevents accidental removal in service. 防止阀盖工作时意外松脱

● Back Seat / 后阀座设计

Provides anti-blow out of stem, secondary stem seal. 后阀座密封设计, 可防止阀杆松脱脱落。

并可作为阀杆二次密封, V型阀杆密封为标准要求, 亦可提供球型密封。

● Variety Stem Tip / 不同阀杆端尖型式

Includes non-rotating V tip (standard) and ball tip (optional)

Features / 特点

● Working pressure up to 10,000psig(689bar). 最高工作压力6000psig(420bar)

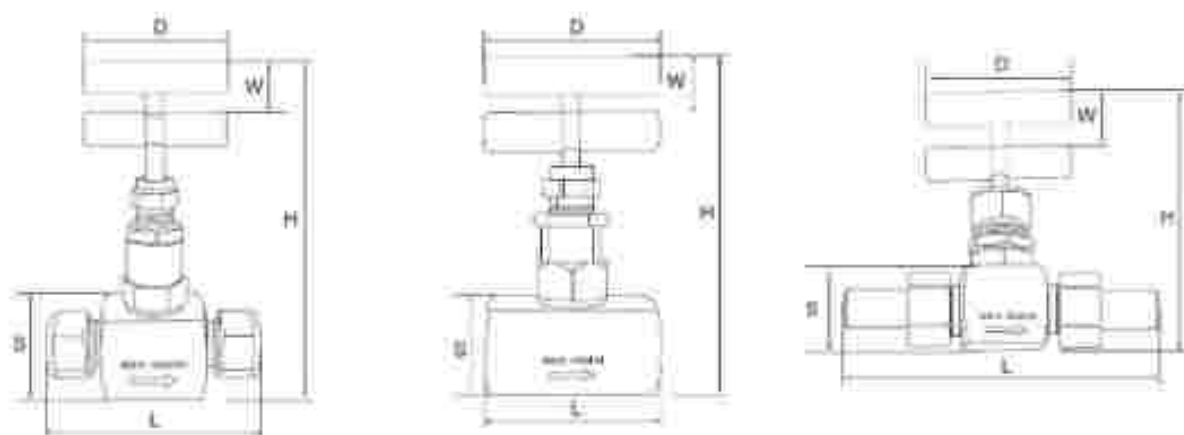
● Temperature rating from -65°F to 450°F (-54°C to 232°C) with standard PTFE packing, and up to 1200°F (648°C) with optional Grafol packing. 使用PTFE密封时, 温度范围可从-65°F至450°F(-54°C至232°C), 使用Grafol密封时, 温度可高达1200°F(648°C)。

● Body material available in 316SS, Carbon Steel and Alloy 400(Monel).

本体材质可提供316不锈钢, 碳钢, Monel 400合金或其它材料。

● 100% factory tested. 100%工厂检验测试。

结构型式



NVF卡套连接针阀外形尺寸表

规格	连接尺寸		连接螺纹	L	H	D	W	S
	公称	实际						
NVF-020D	1/4"	6.35	3	70	65	55	22	8
NVF-020M	3/8"	9.52	5	70	65			
NVF-040D	1/2"	12.7	8	70	67			
NVF-060D	3/4"	19.05	10	80	119			
NVF-080D	1"	25.4	12	90	120.5			
NVF-60D	6mm	6mm	3	70	65			
NVF-80D	8mm	8mm	4	70	65			
NVF-100D	10mm	10mm	6	70	65			
NVF-120D	12mm	12mm	8	70	67			
NVF-140D	14mm	14mm	9	79	97			
NVF-160D	16mm	16mm	10	70	67			
NVF-180D	18mm	18mm	12	80	119			
NVF-200D	20mm	20mm	12	80	119			
NVF-220D	22mm	22mm	12	80	119			
NVF-250D	25mm	25mm	12	90	120.5			

NVF螺纹连接针阀外形尺寸表

规格	公称	连接尺寸	L	H	D	W	S
NVF-02F	1/4"	6	55	65	55	22	8
NVF-02M	1/4"	6	55	65			
NVF-03F	3/8"	6	55	65			
NVF-03M	3/8"	6	55	65			
NVF-04F	1/2"	8	55	67			
NVF-04M	1/2"	8	65	67			
NVF-06F	3/4"	10	71	119			
NVF-08F	1"	12	71	120.5			

NVF焊接式针阀外形尺寸表

规格	公称	连接尺寸	L	H	D	W	S
NVF-10W	100W	0.10	6	110	60	55	22
NVF-12W	120W	0.12	8	115	67		28
NVF-14W	140W	0.14	9	115	67		28
NVF-16W	160W	0.16	12	133	119		38

所有尺寸均以mm为单位，公差按GB/T197-2003执行。

MINI TUBE END NEEDLE VALVE

精小型卡套连接针型阀

订购型号



NV

针阀

L

直通型式

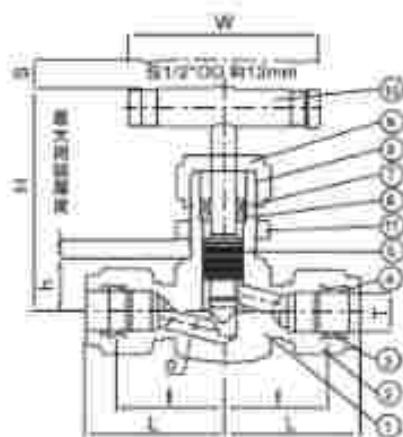
6

接管连接尺寸

OD

卡套连接

- 压力范围 (常温): SUS316不锈钢 - 5000PSI
BRASS铜 - 3000PSI
- 使用温度: -40℃~200℃ (特殊要求可联系定制)
- 100%工厂6000PSI气压测试
- 阀手柄颜色: 黑色、蓝色、白色、红色、黄色



Material of Construction 结构材料

序号	名称	Body (主体)	Handle (手柄)
1	Body 主体	316不锈钢	BRASS铜
2	Nut 螺母	316不锈钢	BRASS铜
3	Front Ferrule 前卡套	316不锈钢	BRASS铜
4	Back Ferrule 后卡套	316不锈钢	BRASS铜
5	Stem 阀杆	316不锈钢	BRASS铜
6	Gasket 密封垫	316不锈钢	304不锈钢
7	Packing 密封圈	PTFE	PTFE
8	Gasket 密封垫	316不锈钢	BRASS铜
9	Fix Screw 锁紧螺母	316不锈钢	BRASS铜
10	Handle 手柄	铝合金	Aluminum Alloy 铝合金
11	Fix Nut 固定螺母	304不锈钢	BRASS铜

订购型号	接管尺寸		H	F	L	L1	L2	L3	W	固定孔间距	最大孔径
	1/8"	3.17mm									
NV-0100	1/8	3.17mm	1.5	23	60	12	50	4	32	14mm	4
NV-300	3mm	3mm	1.5	23	60	13	50	4	32	14mm	4
NV-400	4mm	4mm	4.5	23	60	13	50	4	32	14mm	4
NV-0200	1/4	6.35mm	4.3	24.5	63	13	50	4	32	14mm	4
NV-600	6mm	6mm	4.3	24.5	63	13	50	4	32	14mm	4
NV-800	8mm	8mm	4.3	25	66	13	50	4	32	14mm	4.5
NV-0300	3/8	9.52mm	6.3	26	67	13	50	4	32	14mm	4.5
NV-1000	10mm	10mm	6.3	26	67	13	50	4	32	14mm	4.5
NV-6400	1/2	12.7mm	6.3	26.5	73.5	16.5	55	4	45	16.2mm	4.5
NV-1200	12mm	12mm	6.3	26.5	73.5	16.5	55	4	45	16.2mm	4.5

以上尺寸仅供参考, 实际尺寸以实物为准, 如有变更恕不另行通知。

MINI FEMALE THREAD NEEDLE VALVE

精小型内外螺纹针型阀

订购型号



NV

针阀

L

连接形式

02

螺纹连接结构

F/M(PT/NPT/G)

F=内螺纹, M=针阀口

PT=美制, NPT=美制, G=国际英制

● 压力范围 (MPa) (304/316 不锈钢 - 3000PSI)

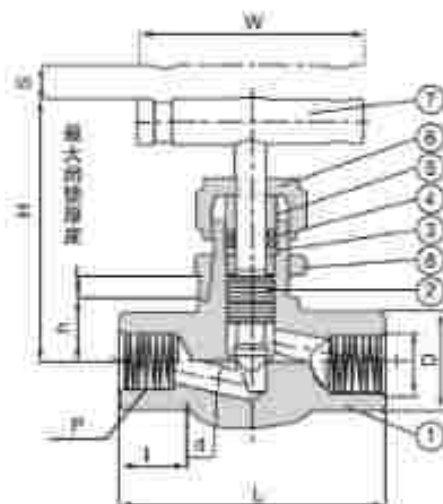
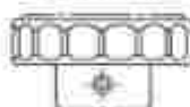
(316L 不锈钢 - 3000PSI)

● 使用温度: -40°C~200°C (特殊要求可高达350°C)

● 100%工厂3000PSI气压测试

● 阀手轮颜色: 黑色、蓝色、红色、白色

符合各种尺寸



Material of Construction 结构材料

序号	名称	AL2024 铝合金	316 不锈钢
1	Body 主体	316 不锈钢	BRASS 铜
2	Stem 阀杆	316 不锈钢	BRASS 铜
3	Gasket 密封垫	316 不锈钢	304 不锈钢
4	Packing 密封圈	PTFE	PTFE
5	Bonnet 压盖垫	316 不锈钢	BRASS 铜
6	Fix Screw 固定螺母	316 不锈钢	BRASS 铜
7	Handle 手柄	铝合金	Aluminum Alloy 铝合金
8	Fix Nut 固定螺母	304 不锈钢	BRASS 铜

外型尺寸表

订购型号	F/M(PT/NPT/G)		d	L	L1	L2	L3	L4	W	密封面 尺寸	最大密封 尺寸
NV-01F/M	1/8	1/8	4.3	17	46	13	48.5	4	32	14mm	4
NV-02F/M	1/4	1/4	4.3	17	50	13	48.5	4	32	14mm	4
NV-03M	3/8	3/8	6.3	17	50	13	48.5	4	32	14mm	4
NV-04F	3/8	3/8	6.3	22	55	19	50	4	45	14mm	4
NV-04M	1/2	1/2	6.3	22	60	19	50	4	45	19.2mm	5.5
NV-04F	1/2	1/2	6.3	27	60	24	50	4	45	19.2mm	5.5

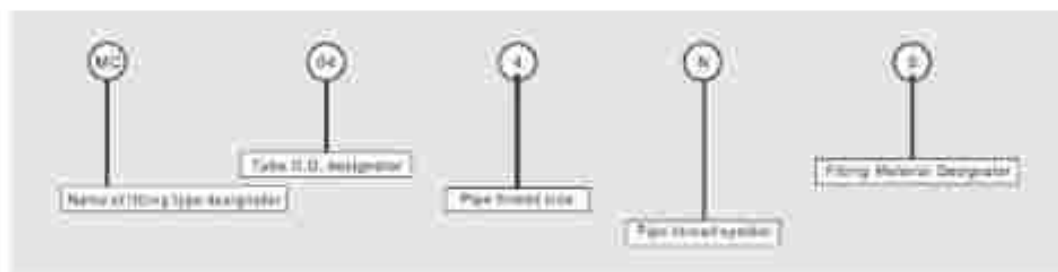
注: 所有尺寸均为最大值, 如有需要, 请联系 Atc 公司, 我们将为您提供详细尺寸表。

Order Information/订购选型:

Example: MC-04-4-N-8

JWAN-LOK Male Connector

Tube 1/2" O.D. x 1/2" Male NPT, 316SS



Tube O.D. Designator / 管子尺寸编号:

Tube O.D.	1/16	1/8	3/16	1/4	5/16	3/8	1/2	5/8	3/4	7/8	1
Designator	005	01	015	02	025	03	04	05	06	07	08
Tube O.D.	4mm	6mm	8mm	10mm	12mm	14mm	16mm	18mm	20mm	22mm	26mm
Designator	4	6	8	10	12	14	16	18	20	22	25

Pipe Thread Size Designator / 螺纹尺寸编号:

Pipe Thread	1/8"	1/4"	3/8"	1/2"	3/4"	1"
Designator	1	2	3	4	6	8

Fitting Material Designator / 材质编号

Material	316SS	316LSS	304SS	Monel	Brass
Designator	5	L	4	M	6

Pipe Thread Symbol / 螺纹种类编号:

Type	Symbol	Specification
Male	R	ISO 1/1, BS2183PT, JIS B 0203PT, DIN 2099
Female	N	ANSI B1.20.1(NPT)
Female	G	ISO 228/1, BS2779GSP, JIS B 0202(PF)
Thread	U	American Standard Unified Screw Threads

Fitting Type Designator / 卡套接头产品名称:

Designator	Description	Designator	Description
Tube to Tube Union		Tube to SAE Seal	
UN	Union/卡套式直通接头	MS	SAE Male Connector/卡套式至 SAE 接头
RU	Reducing Union/卡套式异径直通接头	ME	Positionable SAE Male Elbow/卡套式至 SAE 弯头
BU	Bulkhead Union/卡套式穿板直通接头	MT	Positionable SAE Male Tee
UE	Union Elbow/卡套式弯头	MS	卡套式至 SAE 接头侧三通
UT	Union Tee/卡套式三通接头	MT	Positionable SAE Male Branch Tee
UC	Union Cross/卡套式四通接头	MS	卡套式至 SAE 接头支管三通
Tube to Male Pipe		MS	O-Seal Straight Thread Connector
MC	Male Connector/卡套式外螺纹接头	MS	卡套式至 O-Seal 直螺纹接头
ME	Bulkhead Male Connector/卡套式外螺纹穿板接头	MS	O-Seal Straight Pipe Connector
ME	Male Elbow/卡套式外螺纹弯头	MS	卡套式至 O-Seal 带螺纹接头
MT	Male Run Tee/卡套式外螺纹侧三通		
MB	Male Branch Tee/卡套式外螺纹支管三通	AN	AN Union/卡套式至 AN 管接头
		MB	AN Bulkhead Union/卡套式至 AN 管穿板接头
Tube to Male Pipe			
FC	Female Connector/卡套式内螺纹接头	MS	Male Pipe Weld Connector/卡套式对接接头
GC	Gauge Connector/卡套式压力表接头	ME	Male Pipe Weld Elbow/卡套式对接弯头
BU	Bulkhead Female Connector/卡套式内螺纹穿板接头	MS	Tube Socket Weld Connector/卡套式插焊管接头
FE	Female Elbow/卡套式内螺纹弯头	ME	Tube Socket Weld Elbow/卡套式插焊管弯头
FT	Female Run Tee/卡套式内螺纹侧三通		
FB	Female Branch Tee/卡套式内螺纹支管三通		
Male Pipe Connector		PL	Plug/堵头(盲塞)
MC	Reducer/异径接头(渐缩管)	CS	Cap/管帽
MA	Bulkhead Adapter/内外牙转接接头		
MA	Male Adapter/Tube 管转 Pipe 管外螺纹转接头	NV	Nut/卡套螺母
		EF	End Ferrule/压卡套

MINI WELD END NEEDLE VALVE

精小型承插焊针型阀

订购型号



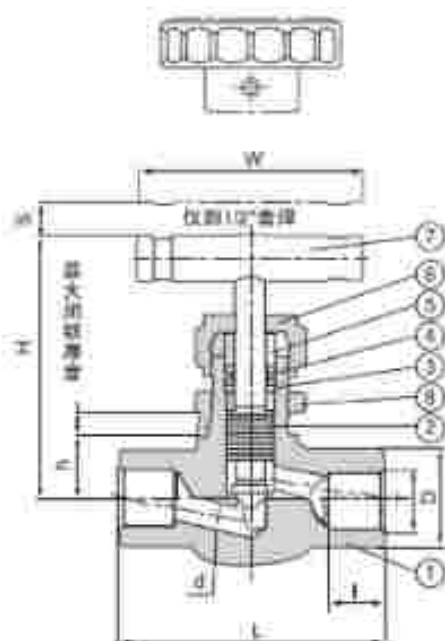
● 工作压力 (20°C) : 316L 不锈钢 - 6000PSI

316L SS 阀 - 3000PSI

● 使用温度 : -40°C - 200°C (特殊型可选项 300°C)

● 100% 工厂 3000PSI 气压测试

● 阀手柄颜色: 黑色、蓝色、红色、白色



Material of Construction 结构材料

序号	部 件	316L 不锈钢	316L 黄铜
1	Body 主体	316 不锈钢	BRASS 铜
2	Stem 阀杆	316 不锈钢	BRASS 铜
3	Gasket 密封垫	316 不锈钢	304 不锈钢
4	Packing 密封圈	PTFE	PTFE
5	Bonnet 压紧垫	316 不锈钢	BRASS 铜
6	Fix Screw 固定螺母	316 不锈钢	BRASS 铜
7	Handle 手柄	铝合金	Aluminum Alloy 铝合金
8	Fix Nut 固定螺母	304 不锈钢	BRASS 铜

外型尺寸表

订购型号	尺寸 (mm)		D	D1	F	L	H	T	W	H1	连接尺寸	最大通径
	1/4"	1/2"										
NV-025W	1/4	6.35mm	4.3	17	8	48	13	50	4	32	14mm	4
NV-65W	6mm	6mm	4.3	17	8	48	13	50	4	32	14mm	4
NV-85W	8mm	8mm	4.3	17	8	48	13	50	4	32	14mm	6.5
NV-030W	3/8	9.52mm	6.3	17	8	52	13	50	4	32	14mm	6.5
NV-100W	10mm	10mm	6.3	17	8	52	13	50	4	32	14mm	8.5
NV-040W	1/2	12.7mm	6.3	22	10	56	16.5	58	4	45	19.2mm	8.5
NV-120W	12mm	12mm	8.3	22	10	56			4	45	19.2mm	8.5

以上尺寸仅供参考，如有变更恕不另行通知。Ate 保留所有权利。© 2016

MINI NEEDLE VALVE

迷你型针型阀

订购型号

MVD

迷你针阀

S

SH=316不锈钢
C=碳钢

C

4

额定压力:
21 MPa (3000 PSI)

M

迷你针阀

SH

SH=316不锈钢
C=碳钢

4

额定压力:
21 MPa (3000 PSI)



MVD

SPECIFICATIONS

RATED TO 16000 PSI

CARBON STEEL CONSTRUCTION

STAINLESS STEEL CONSTRUCTION

VITON PACKING AND SEALS

WORKING TEMPERATURE -20 DEG F TO 100 DEG F

THREADS CONFORM TO ASME B1.20.1

规格

额定压力: 16000 PSI

碳钢结构

不锈钢结构

氟橡胶密封

工作温度 -20°F 到 100°F

螺纹符合 ASME B1.20.1



MSH

PART NUMBERS 编号

NPT/PT	PART# 型号	STYLE 结构	WEIGHT 重量
1/8"	MVDS4	FX	0.09
1/4"	MVDS5	MXM	0.06
1/2"	MVDS6	MXM	0.06
1/4"	MVDC4	FX	0.06
1/2"	MVDC5	MXM	0.06
1/4"	MVDC6	MXF	0.06

PART NUMBERS 编号

NPT/PT	PART# 型号	STYLE 结构	WEIGHT 重量
1/8"	MSHS	FX	0.10
1/4"	MSHS	MXM	0.71
1/2"	MSHS	MXM	0.71
1/4"	MCH4	FX	0.71
1/2"	MCH5	MXM	0.71
1/4"	MCH6	MXF	0.71

PART	零件	MATERIAL	材料	MATERIAL	材料
STEM	阀杆	316 STAINLESS STEEL	316 不锈钢	316 STAINLESS STEEL	不锈钢
HANDLE	手柄	CARBON STEEL	碳钢	304 STAINLESS STEEL	不锈钢

上述尺寸数据仅供参考，具体尺寸以实际产品为准。如有疑问请联系 ATC 集团。

泄放阀

不锈钢多口针阀
STAINLESS STEEL MULTI PORT
NEEDLE VALVE
SERIES: CMP/SMP



规格

额定压力: 16000PSI(T型)

阀体结构

不锈钢结构

特氟龙密封

工作温度: -20°F到200°F

螺纹按ASME B1.20.1标准

SPECIFICATIONS

RATED TO 16,000 PSI(T TYPE)

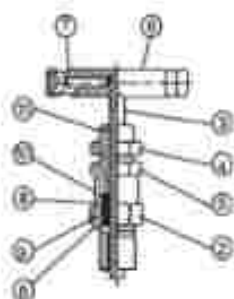
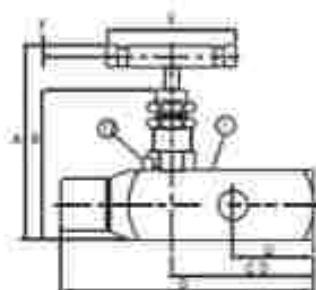
CARBON STEEL CONSTRUCTION

STAINLESS STEEL CONSTRUCTION

TEFLON PACKING

WORKING TEMPERATURE -20 DEG F TO 200 DEG F

THREADS CONFORM TO ASME B1.20.1



NO.	ITEM	零件	CMP		SMP	
			MATERIAL	材料	MATERIAL	材料
1	BONNET	阀盖	304	304	304	304
2	BONNET	阀盖	CARBON STEEL	碳钢	SS304	不锈钢
3	STEM	阀杆	304	304	304	304
4	PACKING NUT	填料螺母	CARBON STEEL	碳钢	SS304	不锈钢
5	PACKING NUT	填料螺母	304	304	304	304
6	HANDLE	手柄	CARBON STEEL	碳钢	SS304	不锈钢
7	HANDLE	手柄	304	304	304	304
8	PACKING	密封	TEFLON	特氟龙	WICKO-PACK	特氟龙/石墨
9	BACKUP RING	支撑环	304	304	304	304
10	BACKUP RING	支撑环	SS304	不锈钢	TEFLON	特氟龙
11	LOCK PIN	锁紧销	304	304	304	304
12	BONNET LOCK PIN	止帽	SS304	不锈钢	SS304	不锈钢

DIMENSIONS-CMP/SMP 系列

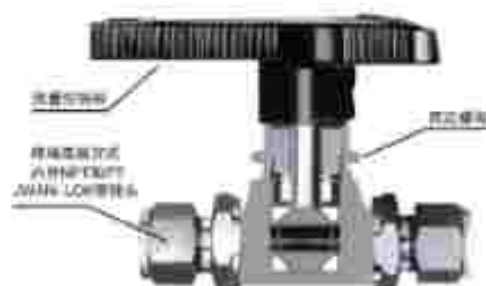
连接螺纹 PT/NPT	PART# 型号	DESCRIPTION 描述	A	B	C	D	E	F	G
1/2"	CMP12MBF	CS MXSF	90	70	63.5	113	57	5	36
3/4X1/2	CMP12MBF	CS MXSF	90	70	63.5	113	57	5	36
1"	CMP12MBF	CS MXSF	90	70	63.5	113	57	5	36
3/4X1/2	SMP12MBF	SS316 MXSF	90	70	63.5	113	57	5	36

以上尺寸均为近似值，如有需要请参考实物或图纸。A和B的尺寸单位为英寸。

MINI INSTRUMENT HIGH PRESSURE BALL VALVE BV精小型仪表高压球阀



结构图



订购型号

BV	3W	L	02	M	F	(NPT)	OD
直通球阀	三通	直角	规格	材料	内螺纹	1/4英寸NPT或3/16英寸PT	卡套连接

结构示意图



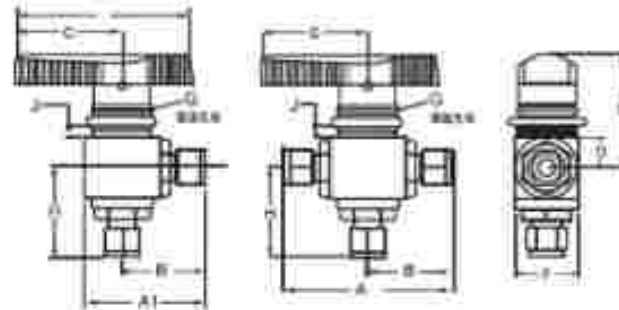
技术数据



编号	名称	连接材料	密封材料
1	手柄	黄铜或不锈钢	
2	固定螺母	不锈钢304	316/304
3	固定螺母	不锈钢316	铜
4	固定螺母	不锈钢316	铜
5	主杆	316	316
6	主杆垫片	PTFE	PTFE
7	主杆	不锈钢316	铜
8	球	不锈钢316	不锈钢316
9	球垫	PTFE	PTFE
10	球垫螺母	不锈钢316	铜
11	主杆	不锈钢316	铜

- 形状选择: 直通型和直角型, 可以用气动或电动操作。
- 阀门口径: 5mm和10mm
- 压力等级: 5000PSI和6000PSI
- 密封材料: PTFE, DELRIN, PEEK
- 可以提供特殊连接接口及尺寸

ANGLE TYPE AND 3WAY PORT BALL VALVE BV直角型和三端口阀门



规格型号	口径 DN	尺寸 (mm)										
		A	A1	B	C	D	E	F	G	H	I	J
BVL-300	3	62	41	31	32	10	10	37	22	31	32.5	61
BVL-0100	3.2											
BVL-400	4											
BVL-600	6											
BVL-0200	4.35	65	42	32.5	32	10	10	37	22	31	32.5	61
BVL-800	8											
BVL-0300	6.35											
BVL-1000	10											
BVL-1200	12.7	84	54	42	41	15	46	28	19	31	32.5	61
BVL-0400	8.52											
BV3W-300	3											
BV3W-0100	3.2											
BV3W-400	4											
BV3W-600	6											
BV3W-0200	4.35											
BV3W-800	8											
BV3W-0300	6.35											
BV3W-1000	10											
BV3W-1200	12.7											
BV3W-0400	8.52											
BVL-01MF	1/8	47	33	23.5	32	10	37	22	14	31	32.5	61
BVL-02MF	1/4											
BVL-03MF	3/8											
BVL-04MF	1/2											
BV3W-01MF	1/8	47	33	23.5	32	10	37	22	14	31	32.5	61
BV3W-02MF	1/4											
BV3W-03MF	3/8											
BV3W-04MF	1/2											

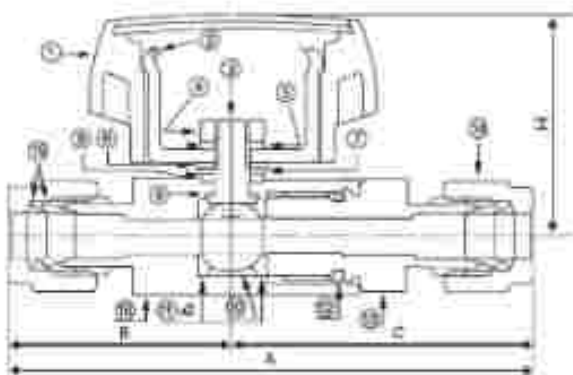
以上尺寸仅供参考，实际尺寸以产品为准，详细尺寸请参考产品说明书。

MIDDLE AND LOW PRESSURE BALL VALVE

BVJ型中低压球阀

订购型号

BVJ	02	M	F	OD	02	M	F	OD
球阀	规格	材料	内件	卡套规格	规格	材料	内件	卡套规格



订购规格	规格	尺寸 (mm)				
		A	B	C	D	E
BVJ-00D	6	73.5	32	41.5	17	30.5
BVJ-000H	6.35	73.5	32			
BVJ-00D	8	76.5	33	50	18	31.5
BVJ-000D	9.52	76	34			
BVJ-100D	10	76	34	41.5	22	33
BVJ-100D	12	81	42			
BVJ-040D	12.7	81	42	50	27	42.5
BVJ-02F	1/4	60	26			
BVJ-02F	3/8	64	28	41.5	22	33
BVJ-04F	1/2	76	33			
BVJ-02F-02M	1/4	60	26	41.5	27	30.5
BVJ-02F-02M	3/8	64	28			
BVJ-04F-04M	1/2	86	41	50	27	42.5
BVJ-02F-80D	1/4	60	26			
BVJ-02F-020D	1/4	6.35	26	41.5	17	30.5
BVJ-02F-80D	1/4	6	26			
BVJ-02F-100D	3/8	10	28	50	22	33
BVJ-02F-030D	3/8	9.52	28			
BVJ-04F-120D	1/2	12	41	50	27	42.5
BVJ-04F-040D	1/2	12.7	41			
BVJ-060D	19.05	96	45	53	38	47
BVJ-060D	25.4	100	47			

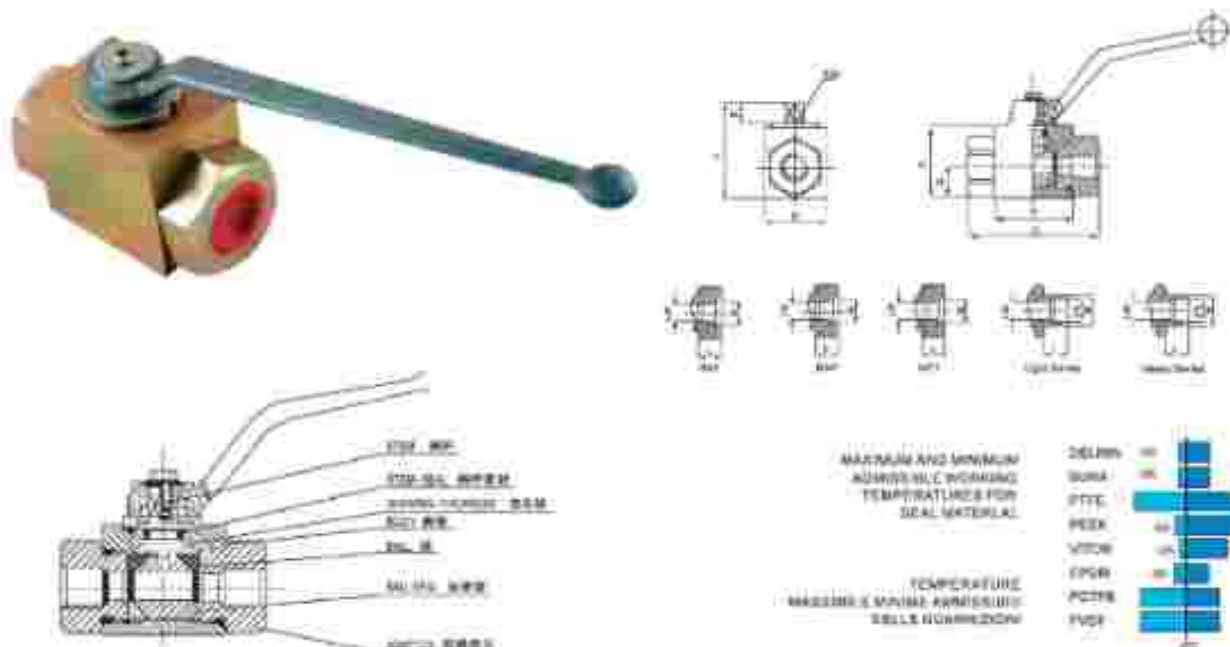
201

1. 规格: 球阀球阀球阀球阀球阀球阀

材料	规格	材料
1	手柄	合金
2	球体	SS304
3	芯轴	SS316
4	螺母	304
5	垫圈	304
6	密封垫	DELFIN
7	密封垫	DELFIN
8	密封垫	PTFE
9	密封垫	PTFE
10	螺母	316
11	垫圈	PTFE
12	密封垫	Viton
13	螺母	SS316
14	垫圈	SS316
15	卡套	SS316
16	螺母	SS316

额定工作压力: 1000PSI

HIGH PRESSURE FULL PORT BALL VALVE JWAN-LOK 高压全通径球阀



订购型号

JWAN-LOK	1/2	G	OD	PN500	A	SS
球阀	规格	端盖连接 公制连接 PT密封连接 公制密封连接	卡套连接 OD密封 卡套密封	公称压力	密封材料	球体材料

MATERIAL CLASSIFICATION 材料规格				
N	QIN	W.N	ASPI	ASTM
1	9 SMnPb 35	1.0737	1214	
2	92 52-3	1.057		A105
3	X10 CrNiS 18 9	1.4305	303	
4	X2 CrNiMo 17 13 2	1.4404	316 L	
5	X20 Cr 13	1.4021	420	
6	X5 CrNi 18 10	1.4301	304	

SEAL CLASSIFICATION 密封材料	
A	DELRIN
B	
C	PTFE
D	PEEK
E	
F	
G	PVDF
K	PTFE with metal insert
H	PCTFE
I	PTFE-C-BSZ

SEAL CLASSIFICATION 密封材料	
A	
B	BUNA
C	
D	
E	VITON
F	EPDM
G	
K	
H	
I	

TYPE	Pressure	DN	IN	W	W	W	W	W	W	W	H	L	IS	SS	DN	Y6
JWAN-LOK-1/8G	500	4	35	14	21	42	11	49	30	110	11	G 1/8	8	4		0.5
JWAN-LOK-1/4G	500	6	35	14	21	42	11	49	30	110	16	G 1/4	8	8		0.5
JWAN-LOK-3/8G	500	10	40	17	73	44	11	54	35	110	16	G 3/8	8	10		0.65
JWAN-LOK-1/2G	500	13	43	18	83	48	11	57	37	110	17	G 1/2	8	10		0.75
JWAN-LOK-3/4G	400	20	55	23	95	52	13	73	45	180	21	G 3/4	14	20		1.4
JWAN-LOK-1G	350	25	65	29	113	66	13	83	55	180	24	G 1"	14	25		2.15
JWAN-LOK-1.1/4G	350	25	65	29	121	66	13	83	55	180	24	G 1.1/4	14	25		2.25
JWAN-LOK-1.1/2G	350	25	65	29	124	66	13	83	55	180	24	G 1.1/2	14	25		2.35

以上所有尺寸均为英寸制，如需要公制尺寸，请咨询本公司销售部门。

Female NPT/PT ANSI B 1.20.1

TYPE	PN (BAR)	DN	A	B	C	D	E	F	G	H	I	M	SW	HA	Wt
JWANBV-1/2"	7250	4	35	14	71	42	11	49	30	110	11	N1/8	9	4	0.5
JWANBV-1/4"	7250	6	35	14	71	42	11	49	30	110	16	N1/4	9	6	0.5
JWANBV-3/8"	7250	10	40	17	73	44	11	54	35	110	16	N3/8	9	10	0.85
JWANBV-1/2"	7250	13	43	18	83	48	11	57	37	110	17	N1/2	9	13	0.75
JWANBV-3/4"	5800	20	56	23	96	62	13	73	45	160	21	N3/4	14	20	1.4
JWANBV-1"	5075	25	66	29	113	66	13	83	55	160	24	N1"	14	25	2.15
JWANBV-1 1/4"	5075	25	66	29	121	66	13	83	55	160	24	N1 1/4	14	25	2.25
JWANBV-1 1/2"	5075	25	66	29	124	66	13	83	55	160	24	N1 1/2	14	25	2.35

DiN 2353 Light Series

TYPE	PN (BAR)	DN	A	B	C	D	E	F	G	H	I	M	SW	HA	Wt
JWANBV-6L	500	6	35	14	76	42	11	49	30	110	10	12x1.5	9	6	0.5
JWANBV-8L	500	6	35	14	76	42	11	49	30	110	10	14x1.5	9	6	0.5
JWANBV-10L	500	6	35	14	76	42	11	49	30	110	11	16x1.5	9	10	0.5
JWANBV-10L	500	10	40	17	76	44	11	54	35	110	11	16x1.5	9	10	0.85
JWANBV-12L	500	10	40	17	77	44	11	54	35	110	11	18x1.5	9	12	0.85
JWANBV-15L	500	13	43	18	86	48	11	57	37	110	12	22x1.5	9	15	0.75
JWANBV-15L	500	13	43	18	88	48	11	57	37	110	12	26x1.5	9	18	0.75
JWANBV-22L	400	20	56	23	106	62	13	73	45	160	14	30x2	14	22	1.4
JWANBV-28L	350	25	66	29	115	66	13	83	55	160	14	36x2	14	28	2.15
JWANBV-28L	350	25	66	29	115	66	13	83	55	160	16	45x2	14	35	2.15
JWANBV-42L	350	25	66	29	115	66	13	83	55	160	16	52x2	14	35	2.15

DiN 2353 Heavy Series

TYPE	PN (BAR)	DN	A	B	C	D	E	F	G	H	I	M	SW	HA	Wt
JWANBV-80D	500	4	35	14	76	42	11	49	30	110	12	16x1.5	9	8	0.5
JWANBV-100D	500	6	35	14	76	42	11	49	30	110	12	18x1.5	9	10	0.5
JWANBV-120D	500	8	35	14	76	42	11	49	30	110	12	20x1.5	9	12	0.5
JWANBV-120D	500	10	40	17	76	44	11	54	35	110	12	20x1.5	9	12	0.85
JWANBV-140D	500	10	40	17	82	44	11	54	35	110	14	22x1.5	9	14	0.85
JWANBV-160D	500	13	43	18	89	48	11	57	37	110	14	24x1.5	9	16	0.75
JWANBV-200D	500	13	43	18	88	46	11	57	37	110	16	30x2	9	20	0.75
JWANBV-250D	400	20	56	23	111	62	13	73	45	160	18	36x2	14	25	1.4
JWANBV-300D	350	25	66	29	125	66	13	83	55	160	20	42x2	14	30	2.15
JWANBV-300D	350	25	66	29	132	66	13	83	55	160	22	52x2	14	38	2.15

1. 所有尺寸均以毫米为单位，如有偏差，恕不另行通知。

HIGH SAFETY/安全性高

In applications where severe conditions and high pressure exist, we recommend the following installation procedures: 在严峻的环境中使用时, 如果同时存在高压, 我们建议遵守下列安装步骤:

1. Check that the nut is finger tight.
 2. Insert the tube (up to the shoulder).
 3. Rotate the nut with a wrench until the tube does not rotate freely.
 4. Mark position of the nut.
 5. Rotate the nut 1-1/4 turns.
- This method ensures that even if the tube O.D. is at the minimum tolerance, the ferrules will be in contact with the tube for the full 1-1/4 rotation.

1. 检查卡套螺母。用手相旋转, 看是否已经感觉到拧紧了。
2. 把导管插入接头 (一直插到凸肩为止)。
3. 用扳手旋转卡套螺母, 直到导管不能自由旋转为止。
4. 标记卡套螺母的位置。
5. 把卡套螺母旋转1 1/4圈。

即使导管的外径公差为最大负值时, 这种安装方法也能保证卡套的整个1 1/4圈旋转都与导管接触。

TUBING DATA FOR ATCGOGO FITTINGS ATCGOGO 系列管接头的配管数据

In order to assure maximum fitting reliability and performance, great care should be given when selecting the tubing for each application.

为了确保接头的可靠性及性能均达到最佳程度, 每次安装该系列管接头时, 都要认真地选择管材。

TUBE SELECTION/管材的选择:

Four variables must be considered when ordering tube for use with GOGOATC fittings:

订购用于与GOGOATC系列管接头连接的管时, 必须考虑四个变量:

1. Material
材料
2. Tube wall thickness
管壁的厚度
3. Tube surface finish
管管的表面处理
4. Tube hardness
管管的硬度

Tubing should comply with standard ASTM A213, or ASTM A269, be seamless, and fully annealed. The tube must be free of scratches and suitable for bending and flaring.

管材应符合“美国试验与材料协会标准”之“A213规范”或者“A269规范”(即ASTM A213或ASTM A269), 无接缝, 经充分退火处理。

导管不能有刻伤的痕迹, 适于弯曲和要扩口加工。

TUBE OD TOLERANCES/管材的外径容许偏差:

$\left. \begin{array}{l} 1/16 \text{英寸} - 3/8 \text{英寸} \\ 2 \text{毫米} - 9.5 \text{毫米} \end{array} \right\} \pm 0.003 \text{英寸}$	$\left. \begin{array}{l} 3/16 \text{英寸} - 1-1/4 \text{英寸} \\ 4 \text{毫米} - 25.4 \text{毫米} \end{array} \right\} \pm 0.005 \text{英寸}$
$1-1/2 \text{英寸} \left. \right\} \pm 0.01 \text{英寸}$	
$\left. \begin{array}{l} 1/16 - 1/8 \text{英寸} \\ 2 \text{mm} - 3 \text{mm} \end{array} \right\} \pm 0.003 \text{英寸}$	$\left. \begin{array}{l} 3/16 - 1-1/4 \text{英寸} \\ 4 \text{mm} - 25 \text{mm} \end{array} \right\} \pm 0.005 \text{英寸}$
$1-1/2 \text{英寸} \left. \right\} \pm 0.01 \text{英寸}$	

Ovality of twice OD tolerance is not suitable for GOGOATC fittings.

The tube must be reasonably round.

The ends of the tube must be free of burrs.

Tubing hardness: The hardness of the tube must be lower than the hardness of the fitting material.

The hardness must be not more than Rockwell HRC 80.

椭圆变形达到管径容许偏差的两倍时, 该管不适用于GOGOATC系列管接头。

管管必须具有适当的圆度。

管管的末端必须无毛刺。

管材的硬度: 管管的硬度必须低于接头材料的硬度。

硬度一定不能超过洛氏硬度值HRC 80。

TOP-LOADED DESIGN ONE PLECE BALL VALVE INBV 上装式一体球阀

结构简介:

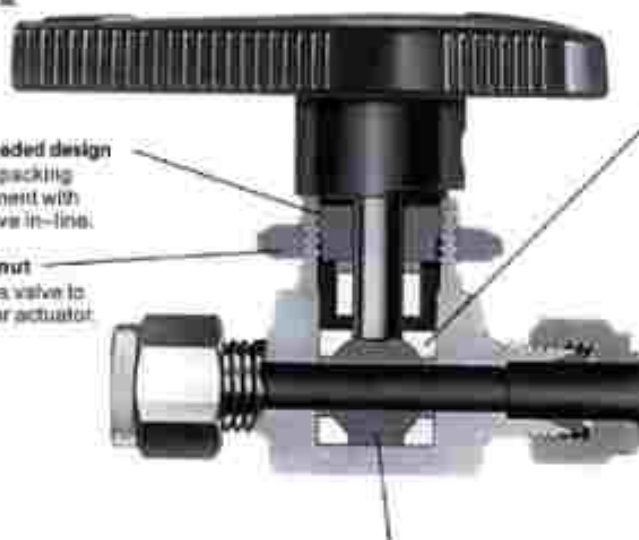
方向手柄指示流孔的位置

Directional Handle
indicates position
of orifice.

上装式设计允
许使用中调整
面板螺栓将阀
门固定到面板
或执行器上

Top-loaded design
allows packing
adjustment with
the valve in-line.

Panel nut
secures valve to
panel or actuator.



填料盒密封

Capsule seat packing

■ does not require system
pressure to make a seal

■ allows bi-directional flow

■ has virtually no dead space

■ is easily cleaned or purged

■ is available in optional materials
for system compatibility.

■ 不需要系统压力来密封

■ 允许两流向

■ 无死角

■ 容易内部清洗

■ 可提供多种密封

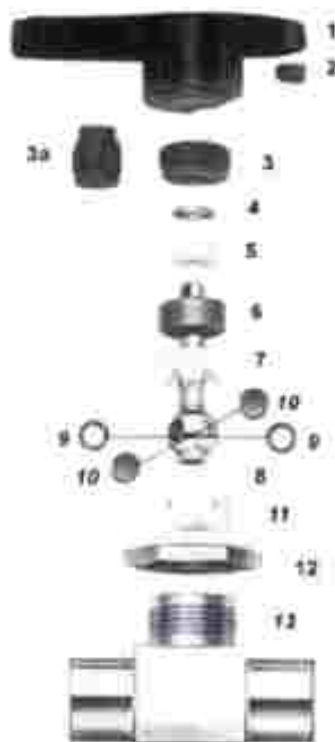
材料的选择

One-piece body
eliminates multiple-
seal points.

一体阀体,减少了多密封点隐患

One-piece ball stem
eliminates backlash to ensure
alignment of ball and orifice.

一体球杆减少 backlash,确保球和阀杆成直线



Materials of Construction

Component		Valve Body Materials		
		Stainless steel	Brass	Aluminum
1. Handle	手柄	316SS/A276 or A479 or B763	nylon (brass insert)	
2. Set screw	平头螺丝		17-4PH/A284	
3. Packing bolt	压紧螺栓	316SS/A276 or A479 or B763	brass CDA 360/318	316SS/A276 or A479 or B763
3a. Packing bolt	压紧螺栓		brass type 260 ASTM B36	
4. Upper gland	上法兰	316SS/A167 or A240	316SS/A167 or A240	alloy 400/B127
5. Bushing	衬套密封	PTFE/D1710 Type 1, Grade 1, Class B		
6. Lower gland	下法兰	316SS/B763	brass CDA 360/318	alloy 400/B164
7. Upper packing	上填料	PTFE/D1710 type 1, Grade 1, Class B		
8. Ball stem	球杆	316SS/A276 or A479	brass CDA 360/318	alloy 400/B164
9. Side rings	衬圈	316SS/B525 (fluorocarbon coating)	brass B2123 (fluorocarbon coating)	alloy 400 (fluorocarbon coating)
10. Side discs	衬片			
11. Lower packing	下填料	PTFE/D1710 Type 1, Grade 1, Class B		
12. Panel nut	面板螺栓	316SS/A276 or A479 or B763	brass CDA 360/318	316SS/A276 or A479 or B763
13. Body	阀体	316SS/A276		alloy 400/B164

On-off valves

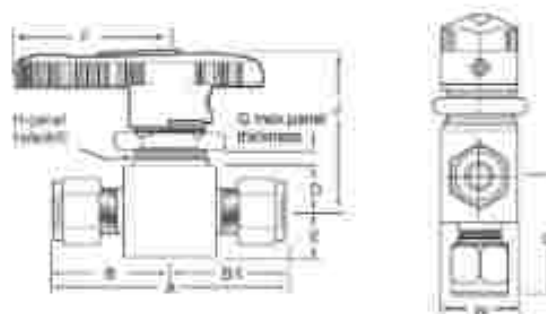


Flow Data

2-way				3-way			
Nominal Size DN				Nominal Size DN			
1/2"	3/4"	1"	1 1/2"	2"	3"	4"	6"
0.10	1.1	2.0	3.2	2.2	6.7	1.0	
0.20	2.3	4.0	6.4	4.4	13.4	2.0	
0.30	3.5	6.0	9.6	6.6	20.1	3.0	
0.40	4.7	8.0	12.8	8.8	26.8	4.0	
0.50	5.9	10.0	16.0	11.0	33.5	5.0	
0.60	7.1	12.0	19.2	13.2	40.2	6.0	
0.80	10.3	18.0	28.8	19.4	59.4	9.0	
1.0	13.5	24.0	38.4	25.6	78.6	12.0	
1.5	20.2	36.0	57.6	38.4	117.9	18.0	
2.0	27.0	48.0	76.8	51.2	157.1	24.0	
2.5	33.8	60.0	96.0	64.0	196.4	30.0	
3.0	40.6	72.0	115.2	76.8	235.7	36.0	
4.0	54.1	96.0	153.6	102.4	314.3	48.0	
5.0	67.6	120.0	192.0	128.0	392.9	60.0	
6.0	81.1	144.0	230.4	153.6	471.5	72.0	
8.0	108.1	192.0	307.2	204.8	628.7	96.0	
10.0	135.1	240.0	384.0	256.0	785.9	120.0	

Technical Data

Size	Pressure Rating	Weight	Temperature Range
1/2"-3/4"	2500	172	50°F to 150°F
1/2"-1"	1500	103	(107°F to 600°F)



Dimensions

Dimensions		Nominal		Inches		Metric		Inches		Metric		Inches		Metric		Inches		Metric	
Type	Size	Weight	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN	DN
Female JWW-LOC tube fitting	1/2"	172	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
	3/4"	250	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
	1"	350	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
	1 1/2"	550	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
	2"	850	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
Metric JWW-LOC tube fitting	2mm	172	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
	3mm	250	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
	5mm	350	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
	8mm	550	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
	12mm	850	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
Female NPT/PT	1/2"	172	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
	3/4"	250	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
	1"	350	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
	1 1/2"	550	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
	2"	850	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
Male NPT to JWW-LOC tube fitting	1/2"	172	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
	3/4"	250	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
	1"	350	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
	1 1/2"	550	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
	2"	850	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0

1. All dimensions are in inches and millimeters. 2. All dimensions are in inches and millimeters.

Switching Valves



Features

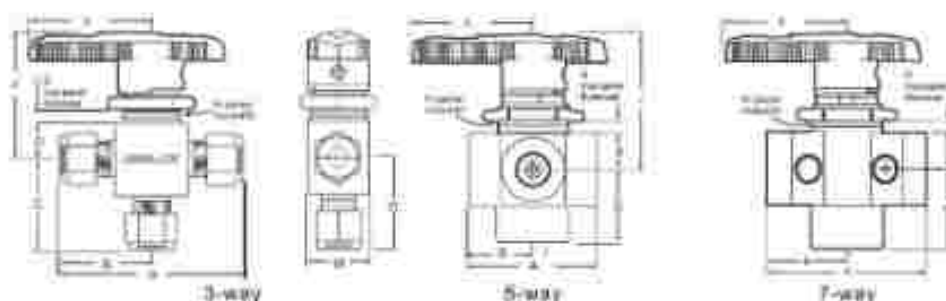
- Unique, top-loaded capsule packing allows reliable switching.
- Flow can be switched from a single inlet to multiple outlets or from multiple inlets to a common outlet.
- 3-way valve has a center-off position.
- 5- and 7-way series valves have a spring-loaded detent for exact port positioning.

特点

- 唯一的上装式胶囊密封，确保可靠的开关。
- 流向可以由单侧到多侧出口切换，或多侧入口到共同的出口管路。
- 三通阀位置锁定。
- 五通和七通阀有用于精确调整端口位置的弹簧锁定的制锁器。

Flow Data

IN	GPM Flow at 125psi 37°C			M³/h Flow at 125psi 37°C		
	Pressure Drop Maximum 2.1 bar					
	15.1	20	30	38	48	70
3-way						
0.08	0.5	2.4	4.3	0.3	0.8	0.8
0.25	1.7	8.5	8.5	0.6	1.5	1.5
0.38	3.4	4.0	16.0	0.9	2.1	3.2
0.75	4.2	10.0	19.0	1.7	2.6	3.5
0.75	6.5	22.0	40.0	2.2	3.3	7.3
0.80	6.6	24.0	42.0	2.3	3.6	8.0
0.90	10.0	27.0	48.0	2.8	4.5	8.2
1.5	11.0	40.0	90.0	4.7	11.0	15.1
1.7	16.0	51.0	90.0	5.3	12.0	17.9
2.0	17.0	60.0	100.0	6.3	14.0	20.0
3.0	24.0	130.0	140.0	11.0	25.0	35.0
3.8	43.0	110.0	250.0	12.0	27.0	38.0
4.6	52.0	14.0	290.0	15.0	33.0	46.0
5-way						
0.07	0.5	2.1	3.7	0.3	0.5	0.7
0.5	20.0	130.0	100.0	11.0	20.0	30.0
7-way						
0.25	0.5	1.5	2.5	0.3	0.5	0.5
0.27	0.8	2.5	5.7	0.4	0.5	0.7



Ball Valve		Ball Valve		Ball Valve		Dimensions (mm)									
Type	Size	Size	Size	Size	Size	A	B	C	D	E	F	G	H	I	J
3-way															
Precision JIS/ISO size fitting	1/4"	1/4"V29-11002	0.09	0.052	1.3	1.62 (42.7)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
	1/2"	1/2"V29-11002	0.11	0.061	2.4	2.01 (51.1)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
	3/4"	3/4"V29-11002	0.12	0.187	4.8	2.09 (53.1)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
	1"	1"V29-11002	0.13	0.281	7.1	2.09 (53.1)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
	1 1/2"	1 1/2"V29-11002	0.14	0.406	10.3	2.09 (53.1)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
Metric JIS/ISO size fitting	3 mm	3mmV29-11002	0.15	1.093	2.4	2.01 (51.1)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
	6 mm	6mmV29-11002	0.16	0.187	4.8	2.09 (53.1)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
	8 mm	8mmV29-11002	0.17	0.281	7.1	2.09 (53.1)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
	10 mm	10mmV29-11002	0.18	0.375	9.5	2.09 (53.1)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
	12 mm	12mmV29-11002	0.19	0.470	12.0	2.09 (53.1)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
Female NPT/PT	1/4"	1/4"V29-11002	0.10	0.120	3.2	1.62 (42.7)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
	1/2"	1/2"V29-11002	0.11	0.281	7.1	2.09 (53.1)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
	3/4"	3/4"V29-11002	0.12	0.406	10.3	2.09 (53.1)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
	1"	1"V29-11002	0.13	0.508	12.7	2.09 (53.1)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
	1 1/2"	1 1/2"V29-11002	0.14	0.609	15.2	2.09 (53.1)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
5-way															
Female JIS/ISO size fitting	1/4"	1/4"V29-11002	0.07	0.052	1.3	1.62 (42.7)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
	1/2"	1/2"V29-11002	0.08	0.061	2.4	2.09 (53.1)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
Female NPT/PT	1/4"	1/4"V29-11002	0.07	0.052	1.3	1.62 (42.7)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
	1/2"	1/2"V29-11002	0.08	0.061	2.4	2.09 (53.1)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
7-way															
Female JIS/ISO size fitting	1/4"	1/4"V29-11002	0.05	0.052	1.3	1.62 (42.7)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)
	1/2"	1/2"V29-11002	0.06	0.061	2.4	2.09 (53.1)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)	0.04 (1.3)

以上所有数据仅供参考，如有变更恕不另行通知，本说明书解释权归本公司所有。

订购型号

1/4"V
1/4英寸球阀

3W
三通

L
直列

02
两位两通

03
三位两通

F
六位四通

MINI IN LINE CHECK VALVE

精小型止回阀



■ 组成材质

主体（进口和出口）、端盖和卡套都是一体的。

材质：不锈钢316，铜。

O 令： Buna-N 用于不锈钢316和铜的主体。

弹簧： SS-304 用于不锈钢316和铜的主体。

■ 清洗

所有阀门的清洗与包装都是在工厂的标准要求下进行的。该止回阀的清洗程序包括超声波清洗和包装。

■ 止漏

该止回阀的主要止漏为了橡胶圈、橡胶圈、三元乙丙胶。

■ 密封圈O令技术参数

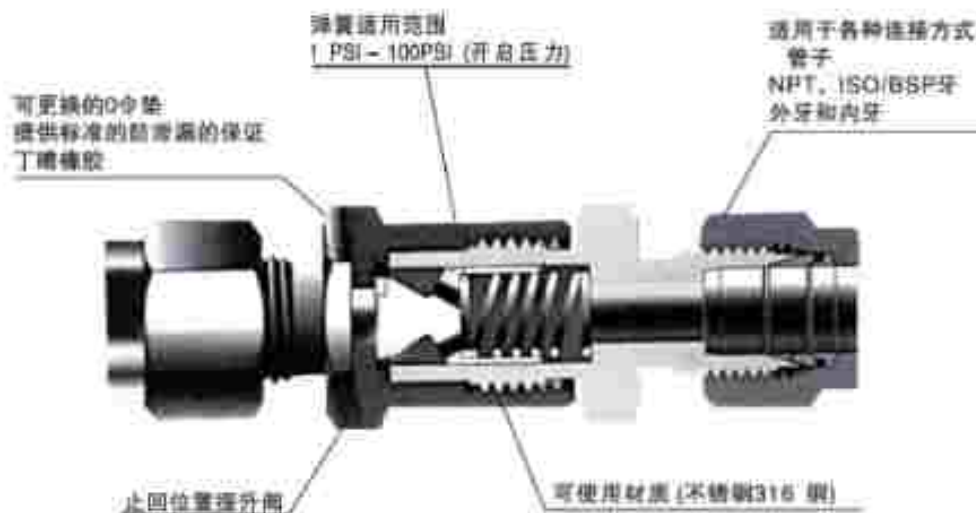
有如下表所示几种的O令可供选用。

O 令	温度范围
丁腈橡胶 (NBR)	-40°C~120°C
氟橡胶 (Viton)	-40°C~240°C
三元乙丙胶 (EP)	-40°C~150°C

■ 测试

所有的阀门都经过工厂100%测试。

订购型号



81.100% 工厂测试
万级病毒杀灭和固定在衣
物上防止脱落为了保持每
件衣物处理效果
1.5 毫升空气处理量



1	1.0	1.4	2.0	3.0	5.0
2	0.1	0.2	0.3	0.4	0.6
3	0.1	0.2	0.3	0.4	0.6
4	0.1	0.2	0.3	0.4	0.6
5	0.1	0.2	0.3	0.4	0.6
6	0.1	0.2	0.3	0.4	0.6
7	0.1	0.2	0.3	0.4	0.6
8	0.1	0.2	0.3	0.4	0.6
9	0.1	0.2	0.3	0.4	0.6
10	0.1	0.2	0.3	0.4	0.6
11	0.1	0.2	0.3	0.4	0.6
12	0.1	0.2	0.3	0.4	0.6
13	0.1	0.2	0.3	0.4	0.6
14	0.1	0.2	0.3	0.4	0.6
15	0.1	0.2	0.3	0.4	0.6
16	0.1	0.2	0.3	0.4	0.6
17	0.1	0.2	0.3	0.4	0.6
18	0.1	0.2	0.3	0.4	0.6
19	0.1	0.2	0.3	0.4	0.6
20	0.1	0.2	0.3	0.4	0.6
21	0.1	0.2	0.3	0.4	0.6
22	0.1	0.2	0.3	0.4	0.6
23	0.1	0.2	0.3	0.4	0.6
24	0.1	0.2	0.3	0.4	0.6
25	0.1	0.2	0.3	0.4	0.6
26	0.1	0.2	0.3	0.4	0.6
27	0.1	0.2	0.3	0.4	0.6
28	0.1	0.2	0.3	0.4	0.6
29	0.1	0.2	0.3	0.4	0.6
30	0.1	0.2	0.3	0.4	0.6
31	0.1	0.2	0.3	0.4	0.6
32	0.1	0.2	0.3	0.4	0.6
33	0.1	0.2	0.3	0.4	0.6
34	0.1	0.2	0.3	0.4	0.6
35	0.1	0.2	0.3	0.4	0.6
36	0.1	0.2	0.3	0.4	0.6
37	0.1	0.2	0.3	0.4	0.6
38	0.1	0.2	0.3	0.4	0.6
39	0.1	0.2	0.3	0.4	0.6
40	0.1	0.2	0.3	0.4	0.6
41	0.1	0.2	0.3	0.4	0.6
42	0.1	0.2	0.3	0.4	0.6
43	0.1	0.2	0.3	0.4	0.6
44	0.1	0.2	0.3	0.4	0.6
45	0.1	0.2	0.3	0.4	0.6
46	0.1	0.2	0.3	0.4	0.6
47	0.1	0.2	0.3	0.4	0.6
48	0.1	0.2	0.3	0.4	0.6
49	0.1	0.2	0.3	0.4	0.6
50	0.1	0.2	0.3	0.4	0.6
51	0.1	0.2	0.3	0.4	0.6
52	0.1	0.2	0.3	0.4	0.6
53	0.1	0.2	0.3	0.4	0.6
54	0.1	0.2	0.3	0.4	0.6
55	0.1	0.2	0.3	0.4	0.6
56	0.1	0.2	0.3	0.4	0.6
57	0.1	0.2	0.3	0.4	0.6
58	0.1	0.2	0.3	0.4	0.6
59	0.1	0.2	0.3	0.4	0.6
60	0.1	0.2	0.3	0.4	0.6
61	0.1	0.2	0.3	0.4	0.6
62	0.1	0.2	0.3	0.4	0.6
63	0.1	0.2	0.3	0.4	0.6
64	0.1	0.2	0.3	0.4	0.6
65	0.1	0.2	0.3	0.4	0.6
66	0.1	0.2	0.3	0.4	0.6
67	0.1	0.2	0.3	0.4	0.6
68	0.1	0.2	0.3	0.4	0.6
69	0.1	0.2	0.3	0.4	0.6
70	0.1	0.2	0.3	0.4	0.6
71	0.1	0.2	0.3	0.4	0.6
72	0.1	0.2	0.3	0.4	0.6
73	0.1	0.2	0.3	0.4	0.6
74	0.1	0.2	0.3	0.4	0.6
75	0.1	0.2	0.3	0.4	0.6
76	0.1	0.2	0.3	0.4	0.6
77	0.1	0.2	0.3	0.4	0.6
78	0.1	0.2	0.3	0.4	0.6
79	0.1	0.2	0.3	0.4	0.6
80	0.1	0.2	0.3	0.4	0.6
81	0.1	0.2	0.3	0.4	0.6
82	0.1	0.2	0.3	0.4	0.6
83	0.1	0.2	0.3	0.4	0.6
84	0.1	0.2	0.3	0.4	0.6
85	0.1	0.2	0.3	0.4	0.6
86	0.1	0.2	0.3	0.4	0.6
87	0.1	0.2	0.3	0.4	0.6
88	0.1	0.2	0.3	0.4	0.6
89	0.1	0.2	0.3	0.4	0.6
90	0.1	0.2	0.3	0.4	0.6
91	0.1	0.2	0.3	0.4	0.6
92	0.1	0.2	0.3	0.4	0.6
93	0.1	0.2	0.3	0.4	0.6
94	0.1	0.2	0.3	0.4	0.6
95	0.1	0.2	0.3	0.4	0.6
96	0.1	0.2	0.3	0.4	0.6
97	0.1	0.2	0.3	0.4	0.6
98	0.1	0.2	0.3	0.4	0.6
99	0.1	0.2	0.3	0.4	0.6
100	0.1	0.2	0.3	0.4	0.6

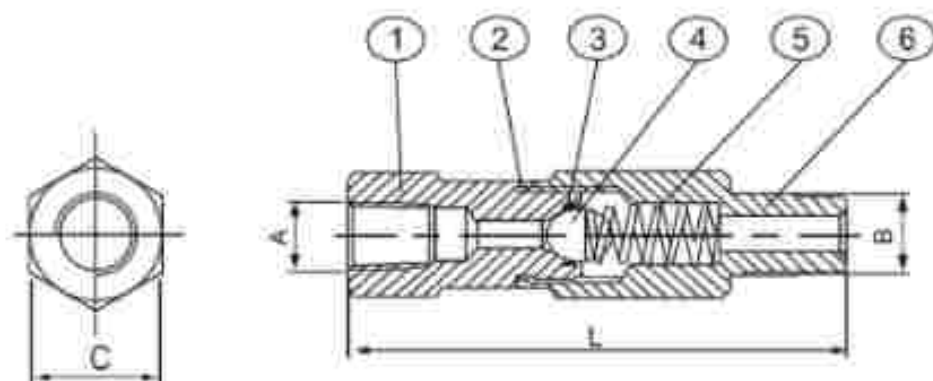
升降機構形式	1.8" : 1/4" : Rotati, Roprot	3.8" : 1/2" : 10mm, 12mm	4.2" : 3/4mm, 8mm 5.6mm, 22mm, 22mm
旋盤加工形式	3000-6000PSI		8", 10000psi, 11,500psi 12,000psi 3/4" 22000psi 1/2" 15,000psi
溫度範圍	min -20°C - 187°C / 0°F - 325°F max -20°C - 107°C / 0°F - 225°F		
密封形式	1. 10-1000psi 4. 20-1700psi 選擇 Spring with O-Ring/Package up to 1000psi		
旋轉速度	1/8" : 5.14 1/2" : 5.6mm, 3mm : 6.83	3/8" : 1/2" 1/2" : 10mm, 12mm : 1.25	4.68

注意：阀门不宜长时间用于超额定压力或有时处于爆破压力状态有损坏

规格		材料		尺寸		重量		备注	
规格	材料	尺寸	重量	规格	材料	尺寸	重量	备注	备注
CV-01M(N)	4.8	0.47	1/8英寸 (NPT)	1/8英寸 (NPT)	50.5	30.5	—	19.00	
CV-01F(N)		0.47	1/8英寸 (NPT)	1/8英寸 (NPT)	54	30.5	—		
CV-01OD		0.18	1/8英寸 (NPT)	1/8英寸 (NPT)	54	30.5	13.00		
CV-02M(N)		0.47	1/4英寸 (NPT)	1/4英寸 (NPT)	55.5	30.5	—		
CV-02OD		0.47	1/4英寸 (NPT)	1/4英寸 (NPT)	60	30.5	14.00		
CV-6OD		0.47	6mmOD	6mmOD	45	30.5	14.0		
CV-03F(N)	4.8		1/4英寸 (NPT)	1/4英寸 (NPT)	60.5	30.5	—	19.00	
CV-03M(N)			3/8英寸 (NPT)	3/8英寸 (NPT)	60.5	30.5	—		
CV-03OD		0.47	3/8英寸 (NPT)	3/8英寸 (NPT)	67.2	30.5	17.00		
CV-6OD			6mmOD	6mmOD	67.2	30.5	17.00		
CV-10OD			10mmOD	10mmOD	99.2	30.5	19.00		
CV-03F(N)			3/8英寸 (NPT)	3/8英寸 (NPT)	60.5	59.2	—		32.00
CV-04M(N)		1/2英寸 (NPT)	1/2英寸 (NPT)	93	59.2	—			
CV-04OD		1/2英寸 (NPT)	1/2英寸 (NPT)	104	59.2	23.00			
CV-12OD		12mmOD	12mmOD	104	59.2	27.00			
CV-04F(N)		1/2英寸 (NPT)	1/2英寸 (NPT)	93	59.2	—	32.00		
CV-06M(N)		3/4英寸 (NPT)	3/4英寸 (NPT)	97	59.2	—			
CV-06F(N)	16.0	5.2	3/4英寸 (NPT)	3/4英寸 (NPT)	98	59.2	—	32.00	
CV-06OD			3/4英寸 (NPT)	3/4英寸 (NPT)	110.7	59.2	28.58		
CV-14OD			14mmOD	14mmOD	84	59.2	27	32.00	
CV-16OD			16mmOD	16mmOD	84	59.2	27	32.00	
CV-18OD			18mmOD	18mmOD	110	59.2	27	32.00	
CV-20OD			20mmOD	20mmOD	81.5	59.2	32	32.00	
CV-22OD			22mmOD	22mmOD	81.5	59.2	32	32.00	
CV-24OD			24mmOD	24mmOD	81.5	59.2	32	32.00	

上海外灘國際紅酒會館，位於外灘源頭本洋行樓上，集名廠名酒與酒文化於一室。

IN-LINE CHECK VALVE 止回阀

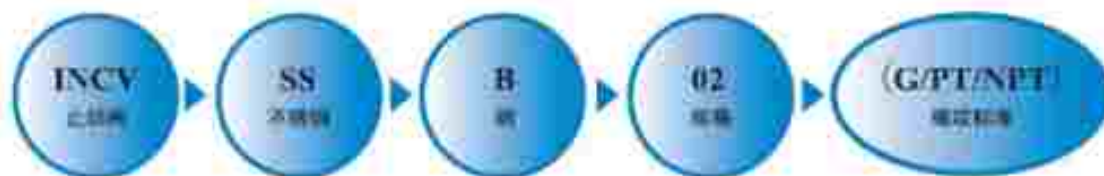


#000PSI PRESSURE RATING

SPECIFICATINONS结构说明

序号	名称	材料	备注
1	VALVE BODY(INLET)进口阀体	SS316	BRASS
2	PACKING 密封垫	SS316	BRASS
3	O-RING O型圈	VITON/BUNA	VITON/BUNA
4	BALL 钢球	SS304	SS304
5	SPRING 弹簧	SS304	SS304
6	VALVE BODY(OUTLET)出口阀体	SS316	BRASS

订购说明



DIMENSIONS(INCH) 外型尺寸

型号	尺寸	尺寸	尺寸	尺寸	尺寸
INCV-01	1/8"	1/8"	1/8"	19	74
INCV-02	1/4"	1/4"	1/4"	19	74
INCV-03	3/8"	3/8"	3/8"	22	74
INCV-04	1/2"	1/2"	1/2"	27	75.5
INCV-06	3/4"	3/4"	3/4"	35	83.5
INCV-08	1"	1"	1"	41	87.5

可以提供户要求定制双内牙-卡套连接等方式

JWAN-LOK 系列三通型过滤器



拆装说明

拆卸

利用通流尺寸和形式的手，将过滤器从系统中卸下，并清洗过滤器。

重新安装

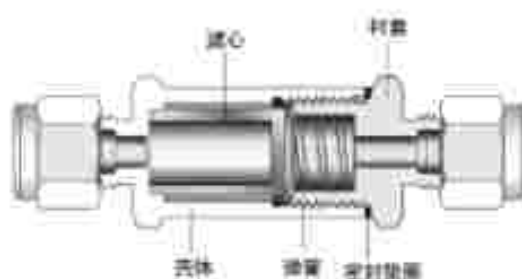
1. 在重新安装之前，请清洗过滤器，并检查过滤器是否有其他损坏。
2. 将过滤器放入过滤器内，让过滤器开口端与过滤器方向平行。
3. 小心地将过滤器放入过滤器，并确保过滤器与过滤器之间的密封垫圈。
4. 将过滤器放入过滤器。
5. 不进行测试。
6. 将过滤器放入过滤器上，并确保过滤器与过滤器之间的密封垫圈。
7. 将过滤器放入过滤器上，并确保过滤器与过滤器之间的密封垫圈。

图1

过滤器尺寸表，单位：mm (英寸)

型号	过滤器	过滤器	过滤器	过滤器
过滤器	过滤器	过滤器	过滤器	过滤器
1/8 inch 3 mm 1/4 inch 6 mm 3/8 inch 9 mm 1/2 inch 12 mm 3/4 inch 19 mm	300 (12)	400 (16)	500 (20)	600 (24)

同轴配置型过滤器



拆卸

利用通流尺寸和形式的手，将过滤器从系统中卸下，并清洗过滤器。

重新安装

1. 在重新安装之前，请清洗过滤器，并检查过滤器是否有其他损坏。
2. 将过滤器放入过滤器内，让过滤器开口端与过滤器方向平行。
3. 小心地将过滤器放入过滤器，并确保过滤器与过滤器之间的密封垫圈。
4. 将过滤器放入过滤器。
5. 不进行测试。
6. 将过滤器放入过滤器上，并确保过滤器与过滤器之间的密封垫圈。
7. 将过滤器放入过滤器上，并确保过滤器与过滤器之间的密封垫圈。

图1

过滤器尺寸表，单位：mm (英寸)

型号	过滤器	过滤器	过滤器
过滤器	过滤器	过滤器	过滤器
1/8 inch 3 mm 1/4 inch 6 mm 3/8 inch 9 mm 1/2 inch 12 mm 3/4 inch 19 mm	300 (12)	400 (16)	500 (20)

Tube To Union

RU 型

Reducing Union
卡套式异径直通接头



U 型

Union
卡套式直通接头



UE 型

Union Elbow
卡套式弯头



UT 型

Union Tee
卡套式三通接头



RUBT 型

Union Tee
卡套式异径三通接头



RUT 型

Union Tee
卡套式异径三通接头



UCR 型

Union Cross
卡套式四通接头



BU 型

Bulkhead Union
卡套式穿板直通接头



Tube To Male Pipe

MC 型

Male Connector
卡套式外螺纹接头



BMC 型

Thermocouple
Connector
卡套式外螺纹
穿板接头



ME 型

Male Elbow
卡套式外螺纹弯头



MRT 型

Male Run Tee
卡套式外螺纹三通



MBT 型

Male Branch Tee
卡套式外螺纹
支管三通



Tube To Female Pipe

FC 型

Female Connector
卡套式内螺纹接头



FCG 型

Gauge Connector
卡套式压力表接头



BFC 型

Bulkhead Female
卡套式内螺纹穿板接头



FE 型

Female Elbow
卡套式内螺纹弯头



FRT 型

Female Run Tee
卡套式内螺纹三通



FBT 型

Female Branch Tee
卡套式内螺纹支管三通



Stub Tube Connector

ODTA 型

Reducer
异径接头 (渐缩管)



BODTA 型

Bulkhead Adapter
卡套式穿板直通接头



TAM 型

Male Adapter
管接 管外螺纹
异径接头



TAF 型

Female Adapter
管接 管内螺纹
异径接头



Tube To AN Tube

MCH 型

AN Union
卡套式 AN 管接头



BMCH 型

AN Bulkhead
卡套式 AN 管穿板接头



Tube To SAE O-Ring Seal

MCS 型

SAE Male Connector
卡套式 SAE 接头



MES 型

Positionable
SAE Male Elbow
卡套式 SAE 弯头



RTS 型

Positionable
SAE Male Run Tee
卡套式 SAE 接头三通



BTS 型

Positionable
SAE Male Branch Tee
卡套式 SAE 接头
支管三通



MCOS 型

O-Seal Straight
Thread Connector
卡套式 O-Seal
直通接头



MCOP 型

O-Seal Pipe
Thread Connector
卡套式 O-Seal
螺纹接头



Tube to Weld End

ODBW 型

Male Pipe Weld
Connector
卡套式焊Pipe管对接接头



EBW 型

Male Pipe Weld
Elbow
卡套式焊Pipe管对接弯头



DSW 型

Tube Socket Weld
Connector
卡套式焊Tube管
承插管接头



ESW 型

Tube Socket Weld
Elbow
卡套式焊Tube管
承插管弯头



Plug and Cap

P 型

Plug
堵头(堵漏)



C 型

Cap
管帽



Spare Parts

N 型

Nut
卡套螺母



FF 型

Front Female
前卡套



BF 型

Back Female
后卡套



Tube Fittings

HN 型

HEX NIPPLE
双外牙接头



RHN 型

REDUCING HEX NIPPLE
异径双外牙接头



RA 型

REDUCING ADAPTOR
双通内外牙接头



HCG 型

HEX COUPLING
双内牙接头



RHCG 型

REDUCING HEX COUPLING
异径双内牙



RB 型

REDUCING BUSHING
补管



MET 型

MALE ELBOW
双外牙直角接头



E 型

ELBOW
直身双内牙接头



SE 型

STREET ELBOW
内外牙弯头



T 型

TEE
内牙三通



BT 型

BRANCH TEE
内牙异三通接头



ST 型

STREET TEE
内牙异三通



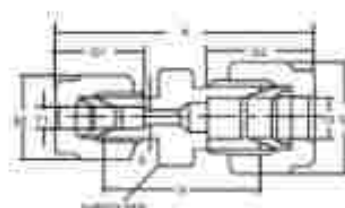
MT 型

MALE TEE
外牙三通



**REDUCING UNION / 卡套式异径直通接头
(METRIC)**

RU 型



TUBE O.D. CATALOG

T1	T2	NUMBER	A	D1	D2	E	G1	G2	F	H
4	3	RU-4-3	38.1	13.7	12.9	2	12	10	12	25.0
4	5	RU-4-5	38.1	13.7	15.3	3	12	14	14	26.4
6	5	RU-6-5	42.3	15.3	15.2	5	14	17	14	27.4
6	10	RU-6-10	42.3	15.3	17.7	5	14	19	19	30.6
8	12	RU-8-12	47.3	15.3	22.8	5	14	22	22	29.5
8	18	RU-8-18	47.3	15.3	27.8	5	17	18	18	30.2
8	12	RU-8-12	47.8	18.2	22.8	6	17	22	22	30.2
10	12	RU-10-12	47.7	17.3	22.8	5	18	22	22	31.6
12	18	RU-12-18	52.0	22.6	24.4	10	22	27	24	31.8
10	18	RU-10-18	48.6	22.6	24.4	10	22	27	27	33.3
16	25	RU-16-25	61.0	24.4	31.3	15	30	38	35	38.6
20	25	RU-20-25	62.6	30.0	30.3	18	32	38	38	38.6

(FRACTIONAL)

TUBE O.D.	T1	T2	NUMBER	A	D1	D2	E	F	G1	G2	H
in	mm										
1/8	3.17	3	RU-3-01	35.2	12.8	15.3	2.3	12	11.11	11.11	22.1
1/8	3.17	4	RU-3-02	35.2	12.8	16.1	2.3	16	11.11	11.11	23.9
1/4	6.35	4	RU-4-02	39.4	15.3	16.1	2.3	16	14.28	12.70	25.4
1/4	6.35	6	RU-4-03	39.4	15.3	17.7	2.3	18	14.28	14.28	26.2
1/4	6.35	8	RU-4-04	41.0	15.8	17.7	4.8	14	14.28	14.28	28.2
1/4	6.35	10	RU-4-05	41.0	15.8	19.5	4.8	16	14.28	15.87	27.4
1/4	6.35	12	RU-4-06	42.3	15.3	18.6	4.8	16	14.28	15.87	27.4
1/4	6.35	15	RU-4-07	41.8	17.8	19.5	2.3	18	14.28	14.28	28.2
1/4	6.35	10	RU-10-02	44.5	15.3	19.5	4.8	19	14.28	19.05	29.5
3/8	9.52	10	RU-10-03	47.1	15.3	19.5	2.3	18	14.28	14.28	28.2
3/8	9.52	12	RU-12-03	47.3	16.9	22.0	7.0	22	17.46	19.05	31.0
3/8	9.52	15	RU-15-03	47.3	16.9	22.0	7.0	22	17.46	19.05	31.0
3/8	9.52	12	RU-12-03	48.4	16.9	22.0	7.0	22	17.46	22.22	31.0
1/2	12.70	15	RU-15-04	52.0	22.8	22.0	10.0	24	22.22	25.40	31.8
1/2	12.70	18	RU-18-04	52.0	22.8	22.0	10.0	24	22.22	25.40	31.8
3/4	19.05	18	RU-18-06	53.5	24.4	22.0	15.0	27	28.57	30.16	33.3
3/4	19.05	20	RU-20-06	53.5	24.4	22.0	15.0	27	28.57	31.75	34.5
1	25.40	20	RU-20-08	60.3	31.2	26.4	16.0	35	38.10	31.75	38.0
1	25.40	25	RU-25-08	60.3	31.2	26.4	16.0	35	38.10	31.75	38.0

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED. ONLY FOR REFERENCE. SOURCE: BY CHINAM.
 以上尺寸均为近似值，仅供参考，不作为制造依据。所有尺寸均以实际工厂为准。