MARINE SHINE CO.,LTD.

2/80 Bangna Complex Office Tower, 15th Floor, Soi Bangna-Trad 25, Thepparat Road, Bangna Nuea, Bangna, Bangkok 10260 Thailand
Email : info@marineshine.co.th
02-173 6414-16
02-173 6417
www.marineshine.co.th

ท่อสแตนเลสเฟอร์รูล A-270

Stainless Steelfood grade (ใช้ในอุตสาหกรรมอาหารและยา)

TOYO MILLENNIUM

MILL CERTIFICATE TO EN 10204/3.1

Lloyd's Register

Certificate acc: 2014//EU (PED) Annex I, Paragraph 4.3 of the directive
No. 0038/PED/MUM/1310006/1
ISO 9001:2015 Certificate No. TH010732

CUSTOMER :
PROFORMA INV. NO. : -
BUYERS ORDER NO. : -

ISSUE DATE : 29/6/2020
CERTIFICATE NO. : CT3363/0083
PRODUCTION ORDER : -

STANDARD SPECIFICATION : ASTM A-270-16					STEEL GRADE : TP - 316L									MECHANICAL PROPERTIES				SURFACE FINISH (Ra)			
Item NO.	PRODUCTION No.	QTY (Pcs.)	WEIGHT (Kgs.)	DIMENSION OD. X Thick X Length UNIT : MM	CHEMICAL COMPOSITION (%) C	Si	Mn	P	S	Ni	Cr	N	Mo	Hardness (HRB)	YS (Mpa)	TS (Mpa)	EL GL=50 mm. (%)	BaI (µm)	WeI (µm)	BaE (µm)	WeE (µm)
					0.035 Max	1.00 Max	2.00 Max	0.045 Max	0.030 Max	10.00 14.00	16.00 18.00	... ...	2.00 3.00	90.00 Max	170 Min	485 Min	35 Min	0.15 0.38	0.15 0.38	0.64 Max	0.64 Max
1	PP03260761-1	1	8.93	38.10 x 1.60 x 6100	0.022	0.51	1.37	0.032	0.006	10.00	17.10	0.06	2.03	83.5	280.0	611.0	54.2	0.22	0.21	0.50	0.52
	TOTAL	1	8.93																		
	GRAND TOTAL	1	8.93																		

PROCESS : WELDED
BEAD REMOVED
MELTING PROCESS : E/AOD
HEAT TREATMENT: 1040 C° WATER QUENCHING (SOLUTION ANNEALED)

FINISH : OD POLISHING #180, ID POLISHING #320

TESTING :

EDDY CURRENT TEST A-450/E-426-16	RESULT: PASSED
REVERSE FLATTENING TEST: A-450: 2010	RESULT: PASSED
FLANG TEST 90° A-450: 2010	RESULT: PASSED
PRESSURE TEST	RESULT: PASSED
VISUAL INSPECTION	RESULT: PASSED

DIMENSION INSPECTION	RESULT: PASSED
3-A STANDARD INSPECTION	RESULT: PASSED
BASE MATERIAL FROM PED 2014/68/EU APPROVED SUPPLIERS	RESULT: PASSED
COMPATIBLE WITH ASME/ASTM A-269/A-249	RESULT: PASSED

TUBE MARKING :

WE HEREBY CERTIFY THAT THE MATERIAL DESCRIBED HERE IN HAS BEEN MANUFACTURED AND TESTED IN ACCORDANCE WITH THE SPECIFICATION

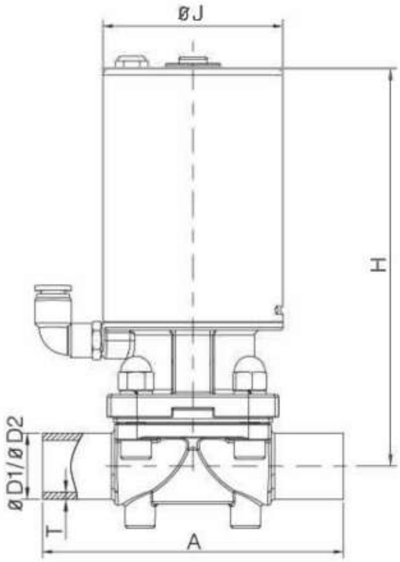
PRINT BY

QA. INSPECTOR

QA.MANAGER

(F-QA-004 : Rev.10-6/63)

Pneumatic Diaphragm Valve

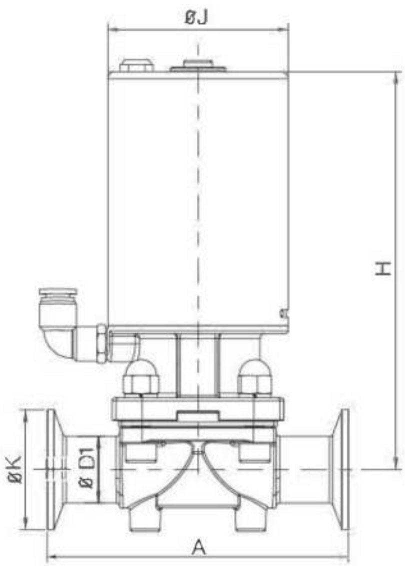


DIN
Welded Pneumatic Diaphragm Valve **No.JN-DV1001**

Size	A	D1	D2	T	H	J
DN20	118.0	22.0	23.0	1.5	170.0	76.0
DN25	127.0	28.0	29.0	1.5	170.0	76.0
DN32	146.0	34.0	35.0	1.5	208.0	85.0
DN40	160.0	40.0	41.0	1.5	208.0	85.0
DN50	190.0	52.0	53.0	1.5	246.0	102.0

SMS
Welded Pneumatic Diaphragm Valve **No.JN-DV1002**

Size	A	D	T	H	J
SMS19	118.0	19.05	1.5	170.0	76.0
SMS25	127.0	25.4	1.5	170.0	76.0
SMS32	146.0	31.8	1.5	208.0	85.0
SMS38	160.0	38.1	1.5	208.0	85.0
SMS51	190.0	50.8	1.5	246.0	102.0



DIN
Clamp Pneumatic Diaphragm Valve **No.JN-DV1003**

Size	A	D1	K	H	J
DN20	118.0	22.0	50.5	170.0	76.0
DN25	127.0	28.0	50.5	170.0	76.0
DN32	146.0	34.0	50.5	208.0	85.0
DN40	160.0	40.0	50.5	208.0	85.0
DN50	190.0	52.0	64.0	246.0	102.0

SMS
Clamp Pneumatic Diaphragm Valve **No.JN-DV1004**

Size	A	D1	K	H	J
SMS19	118.0	19.05	50.5	170.0	76.0
SMS25	127.0	25.4	50.5	170.0	76.0
SMS32	146.0	31.8	50.5	208.0	85.0
SMS38	160.0	38.1	50.5	208.0	85.0
SMS51	190.0	50.8	64.0	246.0	102.0

气动蝶阀
Pneumatic butterfly valve

快装拉杆蝶阀
Pull handle clamped butterfly valve

电动蝶阀
Electrical butterfly valve

外螺纹鸭嘴蝶阀
Threading butterfly valve

快装鸭嘴式蝶阀
Clamped butterfly valve

三片式蝶阀
3 piece butterfly valve

焊接/弯头蝶阀
Weld/bend butterfly valve

焊接拉杆蝶阀
Pull handle welded butterfly valve

焊接不锈钢手柄蝶阀
Steel handle welded butterfly valve

快装不锈钢手柄蝶阀
Steel handle clamped butterfly valve

三通式蝶阀
3 way butterfly valve

螺纹/活接蝶阀
Male/union butterfly valve

Sanitary Butterfly valve

Applications

Butterfly valves, no matter manua y or automatically, can be used in most fluid product applications in the food processing, pharmaceutical and chemical industries.

Operating Principles

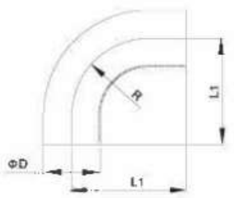
The butterfly valves can be operated automatically through actuator or manually with the handle.
The handle blocks the valve in the "open" or "closed" position, certainly there are the other position available.
The actuator push piston of axial movement into 90 degree so that it controls butterfly valve.

Technical specifications

Max.pressure: 10 bar (DN-25/100)
8 bar (DN-125/150)
Min.pressure: 0.2 bar p.abs
Operating temperature: -10℃ to +120℃ (EPDM)

90° Welded Elbow

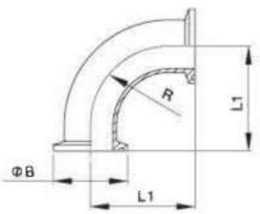
BPE JN-FT 7001



Size	L1	D	R
1/2"	76.2	12.7	19.1
3/4"	76.2	19.05	28.6
1"	76.2	25.4	38.1
1 1/2"	95.3	38.1	57.2
2"	120.7	50.8	76.2
2 1/2"	139.7	63.5	95.3
3"	158.8	76.2	114.3
4"	203.2	101.6	152.4

90° Clamped Elbow

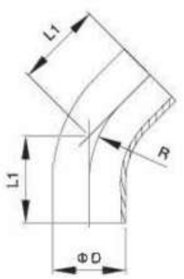
BPE JN-FT 7002



Size	L1	B	R
1/2"	41.3	25.4	19.0
3/4"	41.3	25.4	28.6
1"	50.8	50.5	38.1
1 1/2"	69.9	50.5	57.2
2"	88.9	64.0	76.2
2 1/2"	108.0	77.5	95.3
3"	127.0	91.0	114.3
4"	168.3	119.0	152.4

45° Welded Elbow with straight ends

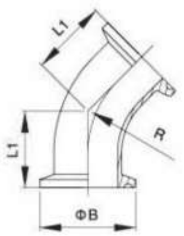
BPE JN-FT 7003



Size	L1	D	R
1/2"	57.2	12.7	19.1
3/4"	57.2	19.05	28.6
1"	57.2	25.4	38.1
1 1/2"	63.5	38.1	57.2
2"	76.2	50.8	76.2
2 1/2"	85.7	63.5	95.3
3"	92.1	76.2	114.3
4"	114.3	101.6	152.4

45° Clamped Elbow

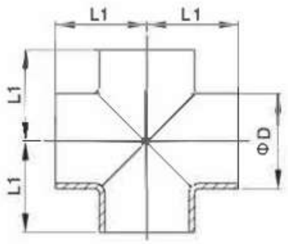
BPE JN-FT 7004



Size	L1	B	R
1"	28.6	50.5	38.1
1 1/2"	36.5	50.5	57.2
2"	44.5	64.0	76.2
21/2"	52.4	77.5	95.3
3"	60.3	91.0	114.3
4"	79.4	119.0	152.4

Welded Cross

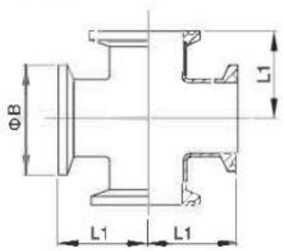
BPE JN-FT 7005



Size	L1	D
1/2"	47.6	12.7
3/4"	50.8	19.05
1"	54.0	25.4
1 1/2"	60.3	38.1
2"	73.0	50.8
2 1/2"	79.4	63.5
3"	85.7	76.2
4"	104.8	101.6

Clamped Cross

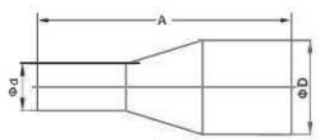
BPE JN-FT 7006

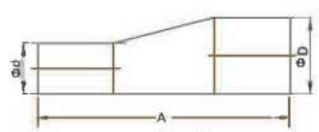


Size	L1	B
1"	66.7	50.5
1 1/2"	73.0	50.5
2"	85.7	64.0
21/2"	92.1	91.0
3"	98.4	106.0
4"	120.7	119.0

Welded Reducer

BPE JN-FT 7007





Size	A	D	d
1*0.75	101.6	25.4	19.1
1.5*0.75	127.0	38.1	19.1
1.5*1.0	127.0	38.1	25.4
2.0*1.0	184.2	50.8	25.4
2.0*1.5	133.4	50.8	38.1
2.5*1.5	184.6	63.5	38.1
2.5*2.0	139.7	63.5	50.8
3.0*1.5	235.0	76.2	38.1
3.0*2.0	190.5	76.2	50.8
3.0*2.5	139.7	76.2	63.5
4.0*2.0	298.5	101.6	50.8
4.0*2.5	247.7	101.6	63.5
4.0*3.0	196.9	101.6	76.2
6.0*4.0	254.0	152.4	101.6

双销卡箍
Double pin clamp

高压卡箍
High pressure clamp

单销卡箍
Single pin heavy duty clamp

膨胀接头
Expanding ferrule

快装外螺纹接头
Clamped male adaptor

快装内螺纹接头
Clamped female adaptor

皮管接头
Hose adaptor

快装皮管接头
Clamped hose adaptor

螺纹皮管接头
Threading hose adaptor

特小皮管接头
Mini hose adaptor

软管卡箍
Hose clamp

快装接头
CNC ferrule


内丝
Coupling


快装接头整套
Clamp union


快装螺纹接头
Threading rerrule


闷盖
End cap


重型闷盖
heavy end cap


变径螺纹接头
Reducing threading ferruile


六角管支架
Hex pipe holder with pipe

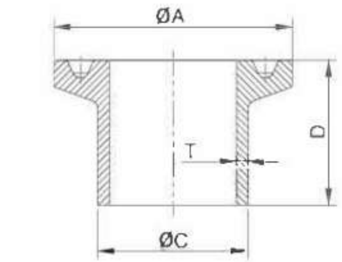

管支架带蓝色垫
Pipe holder with blue sleeve


高压六角管支架
Heavy hex pipe holder


六角管支架不带管
Hex pipe holder


内螺纹管支架
Female pipe holder

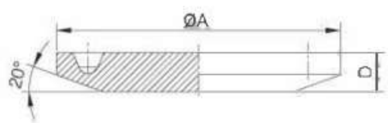

通用管支架
Round pipe holder



Clamped ferrule

DN JN-FL 1001

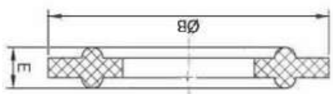
Size	A	C	D	T
DN15	34.0	18.0	18.0	1.5
DN20	34.0	22.0	18.0	1.5
DN25	50.5	28.0	21.5	1.5
DN32	50.5	34.0	21.5	1.5
DN40	50.5	40.0	21.5	1.5
DN50	64.0	52.0	21.5	1.5
DN65	91.0	70.0	28.0	2.0
DN80	106.0	85.0	28.0	2.0
DN100	119.0	104.0	28.0	2.0
DN125	145.0	129.0	28.0	2.0
DN150	167.0	154.0	28.0	2.0



Blank

DN JN-FL 1002

Size	A	D
DN15	34.0	5.0
DN20	34.0	5.0
DN25	50.5	6.3
DN32	50.5	6.3
DN40	50.5	6.3
DN50	64.0	6.3
DN65	91.0	6.3
DN80	106.0	6.4
DN100	119.0	7.9
DN125	145.0	10.5
DN150	167.0	10.5

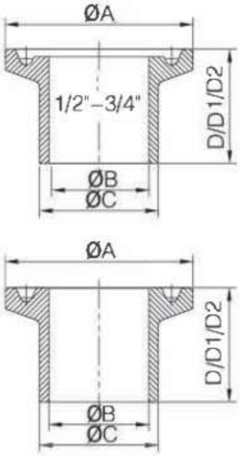


Gasket for Ferrule

DN JN-FL 1003

Size	E	B
DN15	5.0	34.0
DN20	5.0	34.0
DN25	5.0	50.5
DN32	5.5	50.5
DN40	5.5	50.5
DN50	5.5	64.0
DN65	5.5	91.0
DN80	5.5	106.0
DN100	5.5	119.0
DN125	5.5	145.0
DN150	5.5	167.0

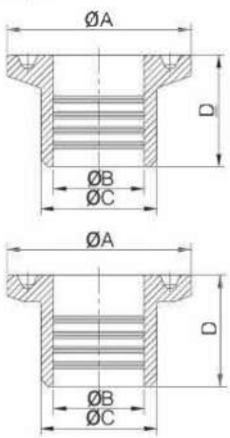
3A-14WMP/14MMP/14AMP



Clamped Ferrule

3A JN-FL 2001

Size	A	B	C	D	D1	D2
1/2"	25.2	9.4	12.7	12.7	21.5	28.6
3/4"	25.2	15.75	19.05	12.7	21.5	28.6
1"	50.5	22.1	25.4	12.7	21.5	28.6
1 1/4"	50.5	28.5	31.8	12.7	21.5	28.6
1 1/2"	50.5	34.8	38.1	12.7	21.5	28.6
2"	64.0	47.5	50.8	12.7	21.5	28.6
2 1/2"	77.5	60.2	63.5	12.7	21.5	28.6
3"	91.0	72.9	76.2	12.7	21.5	28.6
4"	119.0	97.4	101.6	15.9	21.5	28.6
6"	166.8	146.8	152.4		21.5	38.1
8"	217.7	197.6	203.2		21.5	38.1
10"	268.5	248.4	254		21.5	38.1
12"	319.3	299.2	304.8		21.5	38.1

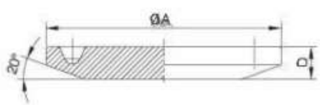


Expanding Clamped Ferrule

3A JN-FL 2002

Size	A	B	C	D
1"	50.5	25.5	29.5	19.1
1.5"	50.5	38.2	42.6	28.6
2"	64	50.9	55.7	33.3
2.5"	77.5	63.6	68.8	34.9
3"	91	76.3	81.9	36.5
4"	119	101.7	108.1	38.1
40mm	50.5	40.2	43.8	28.6

3A-16AMP



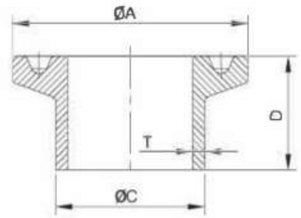
Blank

3A JN-FL 2003

Size	A	D
1/2"-3/4"	25.2	5.0
A37	34.0	6.3
1-1.5"	50.5	6.3
2"	64.0	6.3
2.5"	77.5	6.3
3"	91.0	6.3
4"	119.0	7.9
6"	166.8	11.1
8"	217.7	11.1
10"	268.5	11.1
12"	319.3	11.1

Short-type Clamped Ferrule

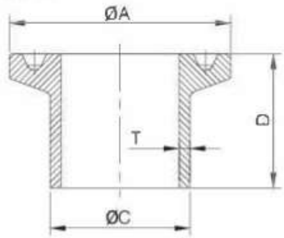
SMS JN-FL 3001



Size	A	C	D	T
25	50.5	25.4	12.7	1.5
32	50.5	31.8	12.7	1.5
38	50.5	38.1	12.7	1.5
51	64.0	50.8	12.7	1.5
63	77.5	63.5	12.7	2.0
76	91.0	76.2	12.7	2.0
89	106.0	88.9	12.7	2.0
102	119.0	101.6	15.9	2.0

Clamped Ferrule

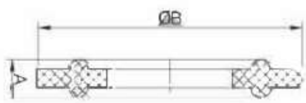
SMS JN-FL 3002



Size	A	C	D	T
19	25.2	19.05	21.0	1.5
25	50.5	25.4	21.0	1.5
32	50.5	31.8	21.0	1.5
38	50.5	38.1	21.0	1.5
51	64.0	50.8	21.0	2.0
63	77.5	63.5	21.0	2.0
76	91.0	76.2	21.0	2.0
89	106.0	88.9	21.0	2.0
102	119.0	101.6	21.0	2.0

Gasket for Ferrule

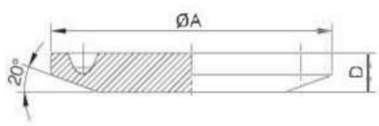
SMS JN-FL 3003



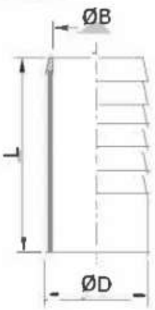
Size	A	B
25	5.0	50.5
32	5.0	50.5
38	5.0	50.5
51	5.5	64.0
63	5.5	77.5
76	5.5	91.0
102	5.5	119.0

Blank

SMS JN-FL 3004



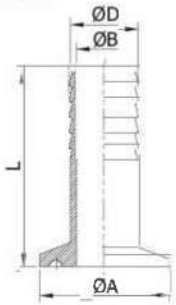
Size	A	D
12.7~19	25.2	5.0
37	34.0	6.4
25~38	50.5	6.4
51	64.0	6.4
63	77.5	6.4
76	91.0	6.4
102	119.0	8.0
152.4	166.8	11.0
203	217.7	11.0
254	268.5	11.0
305	319.3	11.0



Welded hose coupling

SMS JN-FL 3005

Size	B	D	L
12.7	9.0	12.7	45.0
19	15.0	19.0	45.0
25	21.4	25.4	60.0
32	27.8	31.8	60.0
38	34.0	38.1	60.0
51	47.0	50.8	60.0
63	59.5	63.5	70.0
76	72.2	76.2	80.0
102	97.6	101.6	80.0



Clamped hose coupling

SMS JN-FL 3006

Size	A	B	D	L
12.7	25.2	9.0	12.7	66.0
19	25.2	15.0	19.0	66.0
25	50.5	21.4	25.4	81.0
32	50.5	27.8	31.8	81.0
38	50.5	34.0	38.1	81.0
51	64.0	47.0	50.8	81.0
63	77.5	59.5	63.5	91.0
76	91.0	72.2	76.2	101.0
102	119.0	97.6	101.6	101.0

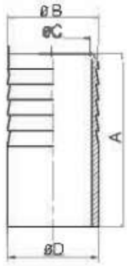
Union hose coupling

SMS JN-FL 3007

Size	B	D	G	L
25	21.4	25.4	RD40x1/6	69.0
32	27.8	31.8	RD48x1/6	70.0
38	34.0	38.1	RD60x1/6	70.0
51	47.0	50.8	RD70x1/6	70.0
63	59.5	63.5	RD85x1/6	81.0
76	72.2	76.2	RD98x1/6	92.0
102	97.6	101.6	RD125x1/4	93.0

Welded Hose Nipple (DIN 11864)

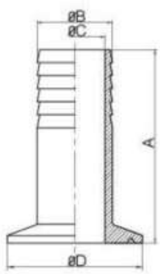
DN JN-FL 4001



Size	A	B	C	D
DN15	50	19.5	16	19
DN20	48	23.5	20	23
DN25	58	30.0	26	29
DN32	68	35.5	32	35
DN40	78	43.0	38	41
DN50	88	55.0	50	53
DN65	97	73.0	66	70
DN80	107	89.0	81	85
DN100	116	108.0	100	104

Clamp Hose Nipple (DIN 11864)

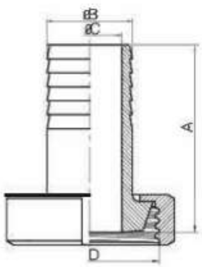
DN JN-FL 4002



Size	A	B	C	D
DN15	68	19.5	16	34
DN20	66	23.5	20	50.5
DN25	79.5	30.0	26	50.5
DN32	89.5	35.5	32	50.5
DN40	99.5	43.0	38	50.5
DN50	109.5	55.0	50	64
DN65	125	73.0	66	91
DN80	135	89.0	81	106
DN100	144	108.0	100	119

Union-type Hose Coupling (DIN 11864)

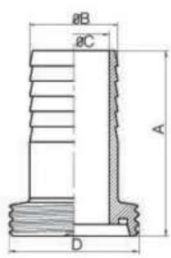
DN JN-FL 4003



Size	A	B	C	D
DN15	63	19.5	16	RD34 × 1/8
DN20	63	23.5	20	RD44 × 1/6
DN25	75	30.0	26	RD52 × 1/6
DN32	85	35.5	32	RD58 × 1/6
DN40	95	43.0	38	RD65 × 1/6
DN50	106	55.0	50	RD78 × 1/6
DN65	117	73.0	66	RD95 × 1/6
DN80	127	89.0	81	RD110 × 1/4
DN100	140	108.0	100	RD130 × 1/4

Male Hose Nipple (DIN 11864)

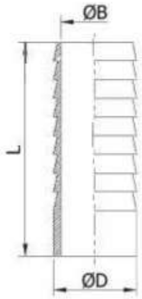
DN JN-FL 4004



Size	A	B	C	D
DN15	67	19.5	16	RD34 × 1/8
DN20	69	23.5	20	RD44 × 1/6
DN25	82	30.0	26	RD52 × 1/6
DN32	92	35.5	32	RD58 × 1/6
DN40	102	43.0	38	RD65 × 1/6
DN50	113	55.0	50	RD78 × 1/6
DN65	125	73.0	66	RD95 × 1/6
DN80	135	89.0	81	RD110 × 1/4
DN100	150	108.0	100	RD130 × 1/4

Welded Hose Nipple

3A JN-FL 5001



Size	B	D	L
1/2"	9.0	12.7	38.1
3/4"	15.0	19.0	38.1
1"	21.4	25.4	101.6
1 1/4"	27.8	31.8	101.6
1 1/2"	34.0	38.1	101.6
2"	47.0	50.8	101.6
2 1/2"	59.5	63.5	101.6
3"	72.2	76.2	101.6
4"	97.6	101.6	98.4

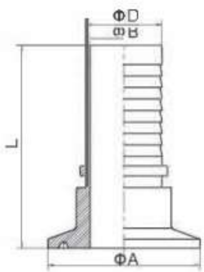
Clamped Hose Coupling

3A JN-FL 5002

Size	A	B	D	L
1/2"	25.2	9.0	12.7	50.8
3/4"	25.2	15.0	19.0	50.8
1"	50.5	21.4	25.4	114.3
11/4"	50.5	27.8	31.8	114.3
11/2"	50.5	34.0	38.1	114.3
2"	64.0	47.0	50.8	114.3
2 1/2"	77.5	59.5	63.5	114.3
3"	91.0	72.2	76.2	114.3
4"	119.0	97.6	101.6	114.3

Clamped High Pressure Hose Nipple

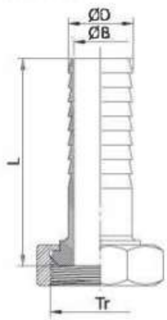
3A JN-FL 5003



Size	A	B	D	L
1/2"	25.4	9.6	12.7	50.75
3/4"	25.4	14.05	19.05	55.35
1"	50.5	18.6	25.4	67.25
11/2"	50.5	31.4	38.1	89.45
2"	64.0	43.9	50.8	103.9
2 1/2"	77.5	55.6	63.5	110.7
3"	91.0	66.6	76.2	121.25
4"	119.0	91.8	101.6	117.5

Union-type Hose Coupling

3A JN-FL 5004



Size	B	D	Tr	L
1"	21.4	25.4	38.02x1/8 TACME	119.9
11/2"	34.0	38.1	51.54x1/8 TACME	119.9
2"	47.0	50.8	65.05x1/8 TACME	120.7
2 1/2"	59.5	63.5	78.56x1/8 TACME	123.9
3"	72.2	76.2	92.08x1/8 TACME	124.7
4"	97.6	101.6	120.14x1/6 TACME	124.6

Design and features

Compact and robust design Available in sizes D N25/1" to ND 250/10 " Manual handle, pneumatic actuator and electric actuator can be exchangeable with each other Low pressure losses

The valve body can be changeable w th any kind of connection

Materials

Butterfly plate: AISI316L/304(forged)
Valve body: AISI316L/304(forged)
Washer and gasket: EPDM which conforms to FDA 177.2600
Handle: AISI304/PP
Surface finishing: Ra=0.8

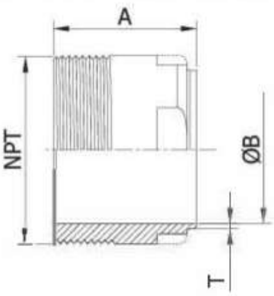
Options

The mater al of gasket contains NBR, VMQ or FPM, which all confirm to standard of FDA 177.2600
Connection: weld, clamp, thread, single weld singlethread, flange
Handle: two-position handle, DIN,multi-position plastic handle and multi- posit on stainless steel handle.
Standard: DIN,SMS,RJT,ISO,IDF,3A
Actuator: pneumatic stainless steel actuator, pneumatic aluminum actuator, electric actuator
Control: pos tion sensor.

Operating torque (N.m.)

操作扭矩[N.M] OPERATING TORQUE [N.M]	25-1"	40-1 1/2"	50-2	2 1/2"	65	3"	80	100-4"	125	150
	8	10	14	15	18	18	20	35	55	70

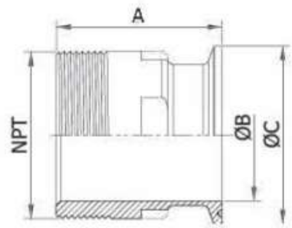
Detect under pressure of 10Kgrs/cm²



NPT Male welded Adapter

JN-FL 6001

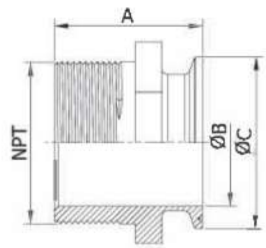
Size	A	B	T	NPT
1/2"	41.3	9.4	1.65	NPT1/2 × 14
3/4"	41.3	15.8	1.65	NPT3/4 × 14
1"	44.5	22.1	1.65	NPT1 × 11.5
1 1/4"	44.5	28.5	1.65	NPT11/4 × 11.5
1 1/2"	44.5	34.8	1.65	NPT11/2 × 11.5
2"	46.0	47.5	1.65	NPT2 × 11.5
2 1/2"	58.7	60.2	1.65	NPT21/2 × 8
3"	63.5	72.9	1.65	NPT3 × 8
4"	65.1	97.4	2.1	NPT4 × 8



NPT Male Clamped Adapter

JN-FL 6002

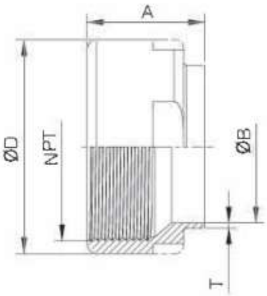
Size	A	B	C	NPT
1/2"	54.0	9.4	25.1	NPT1/2 × 14
3/4"	54.0	15.8	25.1	NPT3/4 × 14
1"	57.2	22.1	50.4	NPT1 × 11.5
1 1/4"	57.2	28.5	50.4	NPT11/4 × 11.5
1 1/2"	57.2	34.8	50.4	NPT11/2 × 11.5
2"	58.7	47.5	63.9	NPT2 × 11.5
2 1/2"	71.4	60.2	77.4	NPT21/2 × 8
3"	76.2	72.9	90.9	NPT3 × 8
4"	81.0	97.4	118.9	NPT4 × 8



NPT Male Hexagon Clamped Adapter

JN-FL 6003

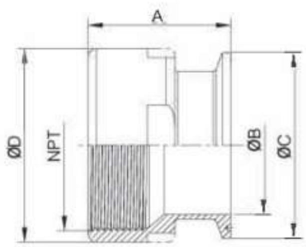
Size	A	B	C	NPT
1/2"	40.0	9.4	25.1	NPT1/2 × 14
3/4"	40.0	15.8	25.1	NPT3/4 × 14
1"	45.0	22.1	50.4	NPT1 × 11.5
1 1/4"	50.0	28.5	50.4	NPT11/4 × 11.5
1 1/2"	50.0	34.8	50.4	NPT11/2 × 11.5
2"	55.0	47.5	63.9	NPT2 × 11.5
2 1/2"	60.0	60.2	77.4	NPT21/2 × 8
3"	70.0	72.9	90.9	NPT3 × 8
4"	75.0	97.4	118.9	NPT4 × 8



NPT Female Welded Adapter

JN-FL 6004

Size	A	B	T	NPT	D
1/2"	28.6	9.4	1.65	NPT1/2×14	30.0
3/4"	28.6	15.8	1.65	NPT3/4×14	33.3
1"	28.6	22.1	1.65	NPT1×11.5	41.3
1 1/4"	36.5	28.5	1.65	NPT11/4×11.5	47.6
1 1/2"	36.5	34.8	1.65	NPT11/2×11.5	55.0
2"	36.5	47.5	1.65	NPT2×11.5	73.0
2 1/2"	41.3	60.2	1.65	NPT21/2×8	79.0
3"	46.0	72.9	1.65	NPT3×8	100.0
4"	50.8	97.4	2.1	NPT4×8	125.0



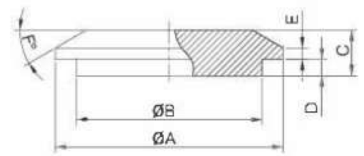
NPT Female Clamped Adapter

JN-FL 6005

Size	A	B	C	NPT	D
1/2"	41.3	9.4	25.1	NPT1/2×14	30.0
3/4"	41.3	15.8	25.1	NPT3/4×14	33.3
1"	41.3	22.1	50.4	NPT1×11.5	41.3
1 1/4"	49.2	28.5	50.4	NPT11/4×11.5	47.6
1 1/2"	49.2	34.8	50.4	NPT11/2×11.5	55.0
2"	49.2	47.5	63.9	NPT2×11.5	73.0
2 1/2"	49.2	60.2	77.4	NPT21/2×8	79.0
3"	49.2	72.9	90.9	NPT3×8	100.0
4"	49.2	97.4	118.9	NPT4×8	125.0

Male Solid End Cap

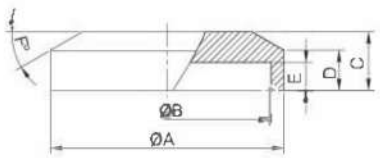
JN-FL 7001



Size	A	B	C	D	E	F
1"	50.42	31.75	12.70	4.95	2.67	37°
1 1/2"	50.42	44.20	12.70	4.95	2.67	37°
2"	67.06	56.90	14.27	6.48	2.33	37°
2 1/2"	84.00	69.60	19.05	7.87	3.20	37°
3"	98.30	83.82	17.78	7.87	3.20	37°
4"	123.70	109.14	19.05	7.87	3.20	37°
6"	190.37	173.48	22.35	4.72	3.20	30°
8"	241.17	224.28	22.35	4.72	3.20	30°

Female Solid End Cap

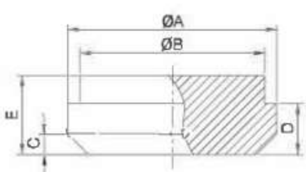
JN-FL 7002



Size	A	B	C	D	E	F
1"	50.42	32.13	12.70	8.0	6.32	37°
1 1/2"	50.42	44.58	12.70	8.0	6.32	37°
2"	67.06	57.28	14.27	11.61	7.85	37°
2 1/2"	84.00	69.98	19.05	11.13	9.25	37°
3"	98.30	84.20	17.78	11.13	9.25	37°
4"	123.70	109.60	19.05	11.13	9.25	37°
6"	190.37	175.74	22.35	11.13	6.10	30°
8"	241.17	226.54	22.35	11.13	6.10	30°

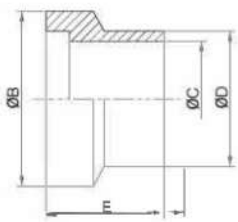
End Cap

JN-FL 7003



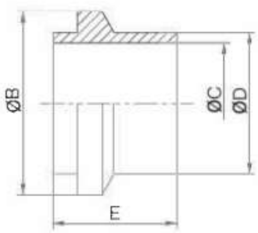
Size	A	B	C	D	E
1"	33.4	29.5	3.3	8.1	12.6
1.5"	46.8	42.6	4.0	8.7	14.3
2"	60.5	55.7	4.0	10.4	16.0
2.6"	73.9	68.8	4.8	11.9	18.2
3"	87.5	81.9	4.8	11.9	18.3
4"	114.6	108.1	6.3	14.2	20.6

15WI/15WIL



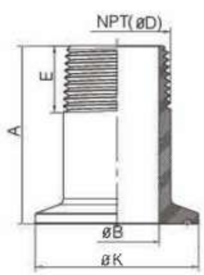
Heavy-type Ferrule — JN-FL 7004

Size	B	C	D	E	
				15WI	15WIL
1"	50.67	22.1	25.65	19.84	44.5
1 1/2"	50.67	34.8	38.35	23.8	46.7
2"	67.06	47.5	51.05	26.19	58.9
2 1/2"	84.0	60.2	63.75	29.36	63.4
3"	98.3	72.9	76.45	30.94	68.2
4"	123.7	97.38	101.85	34.11	76.2



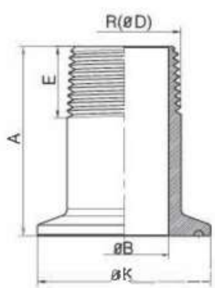
Heavy-type Ferrule — JN-FL 7005

Size	B	C	D	E	
				14WI	14WIL
1"	50.67	22.1	25.65	19.84	44.5
1 1/2"	50.67	34.8	38.35	23.8	46.7
2"	67.06	47.5	51.05	26.19	58.9
2 1/2"	84.0	60.2	63.75	29.36	63.4
3"	98.3	72.9	76.45	30.94	68.2
4"	123.7	97.38	101.85	34.11	76.2



NPT Male Clamped Nipple — JN-FL 7006

Size	A	B	NPT(ΦD)	K	E
1.5"X3/4"	54.0	19.5	NPT3/4-14(Φ26.58)	50.5	14.5
1.5"X1"	57.2	26.5	NPT1-11.5(Φ33.24)	50.5	17
2"X1.5"	57.2	41	NPT1 1/2-11.5(Φ48.07)	64	17.5
2.5"X2"	58.7	52	NPT2-11.5(Φ60.11)	77.5	18
3"X2.5"	71.4	62	NPT2 1/2-8(Φ72.71)	91	24
3.5"X3"	76.2	78	NPT3-8(Φ88.62)	106	26.0
4.5"X4"	81.0	104	NPT4-8(Φ113.99)	130	28

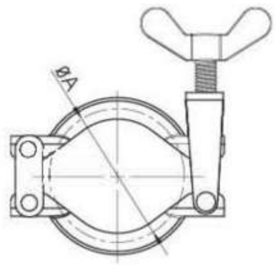


R Male Clamped Nipple — JN-FL 7007

Size	A	B	R(ΦD)	K	E
1.5"X3/4"	50	19.5	R3/4-14(Φ26.44)	50.5	14.5
1.5"X1"	55	26.5	R1-11(Φ33.24)	50.5	16.8
2"X1.5"	60	41	R1 1/2-11(Φ47.8)	64	19.1
2.5"X2"	60	52	R2-11(Φ59.6)	77.5	23.4
3"X2.5"	71.4	68	R2 1/2-11(Φ75.18)	91	26.7
3.5"X3"	76.2	80	R3-11(Φ87.88)	106	29.8
4.5"X4"	81.0	106	R4-11(Φ113.03)	130	35.8

Pressed Clamp

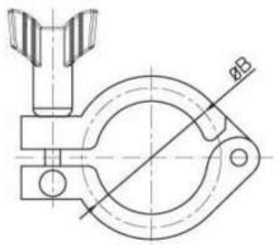
JN-CL 1001



Size	A
DN20	58.5
DN25	58.5
DN32	58.5
DN40	58.5
DN50	72.0
DN65	99.0
DN100	127.0

DIN Clamp

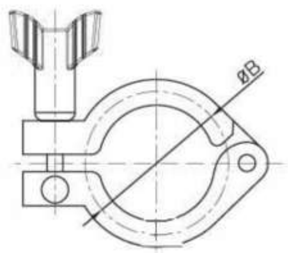
JN-CL 1002



Size	B
DN10	37.0
DN15	37.0
DN20	37.0
DN25	53.0
DN32	53.0
DN40	53.0
DN50	67.0
DN65	94.0
DN80	109.0
DN100	122.0

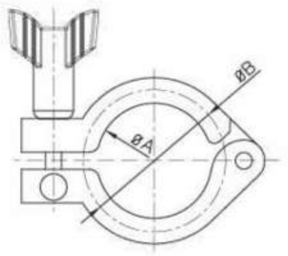
SMS/ISO Clamp

JN-CL 1003



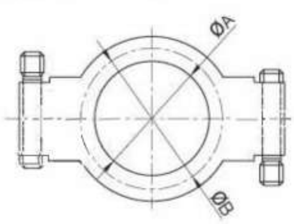
Size	B
1/2"	28.0
3/4"	28.0
1"	53.9
11/2"	53.9
2"	67.4
21/2"	80.9
3"	94.4
4"	122.4
6"	170.4
8"	221.2
10"	270.2

3A Clamp (13MHHM) — JN-CL 1004



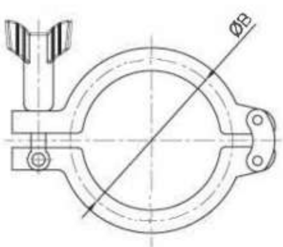
Size	A	B
A37	27.8	37.0
1-11/2"	44.4	53.9
2"	57.8	67.4
2 1/2"	71.4	80.9
3"	84.0	94.4
3 1/2"	99.0	109.2
4"	110.0	122.4
4 1/2"	123.0	132.5
5"	129.0	147.8
6"	155.4	170.4
8"	205.0	221.2
10"	309.0	270.0

High Pressure Clamp — JN-CL 1005



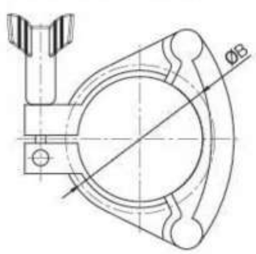
Size	A	B
1.5"	43.32	52.0
2"	56.44	65.5
2.5"	69.54	79.0
3"	77.56	92.5
4"	108.86	120.5
6"	158.0	170.0
8"	225.0	237.5
10"	258.2	272.8
12"	309.0	327.6

Double-pin Clamp — JN-CL 1006



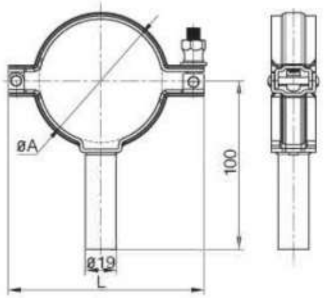
Size	B
1"	53.9
1.5"	53.9
2"	67.4
2.5"	80.9
3"	94.4
4"	122.4
4.5"	132.5
5"	147.8
6"	170.4
8"	221.2
10"	270.0

Three-piece Clamp — JN-CL 1007



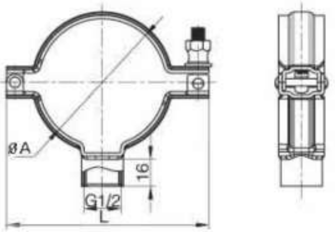
Size	B
1"	53.9
1 1/2"	53.9
2"	67.4
2 1/2"	80.9
3"	94.4
4"	122.4

Pipe Holder(Welded) **JN-PL 1001**



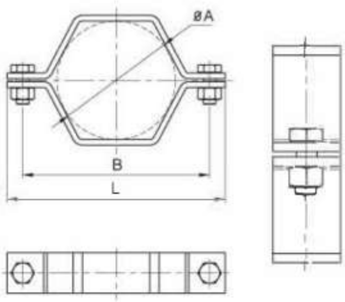
Size	A	L
1"	25.4	66
11/2"	38.1	79
2"	50.8	90
21/2"	63.5	105
3"	76.3	120
4"	101.6	146

Pipe Holder(Female) **JN-PL 1002**



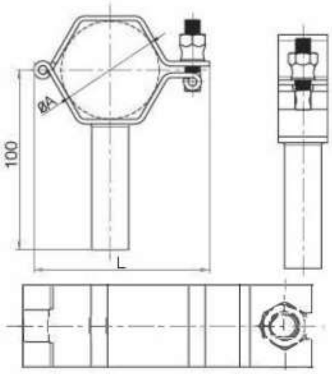
Size	A	L
1"	25.4	66
11/2"	38.1	79
2"	50.8	90
21/2"	63.5	105
3"	76.3	120
4"	101.6	146

Pipe Holder **JN-PL 1003**



Size	A	B	L
ISO21.3	21.3	48	68
ISO26.9	26.6	55	74
ISO33.7	33.7	63	82
ISO42.4	42.4	74	93
ISO48.3	48.3	82	101
ISO60.3	60.3	95	114
ISO88.9	88.9	130	149
ISO114.3	114.3	158	177

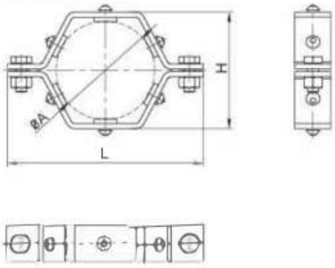
Pipe Holder **JN-PL 1004**



Size	A	L
DIN28	28	64
DIN34	34	64
DIN40	40	78
DIN52	52	90
DIN70	70	111
DIN85	85	125
DIN101.6	101.6	152

Size	A	L
SMS25	25	61
SMS38	38	76
SMS51	51	90
SMS63.5	63.5	106
SMS76	76	120
SMS104	104	152

管支架 (TH4)

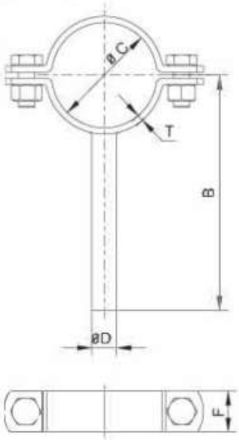


Pipe Holder

JN-PL 1005

Size	A	H	L
1"	25.4	42.4	86.6
1 1/2"	38.1	55.1	79
2"	50.8	67.8	92
2 1/2"	63.5	80.5	127.6
3"	76.2	93.2	142
4"	104	122	175
6"	152.4	174	255

管支架 (TH5)



Pipe Holder

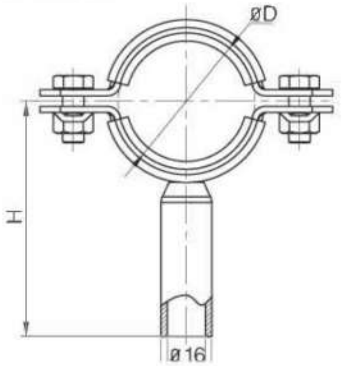
JN-PL 1006

Size	B	D	C	F	T
DN10	63	8	12	14	2.0
DN15	66	8	18	14	2.0
DN20	68	8	22	16	2.0
DN25	71	10	28	16	2.0
DN32	74	10	34	16	2.0
DN40	77	10	40	20	2.0
DN50	83	12	52	20	2.0
DN65	92.5	12	70	20	2.5
DN80	100	12	85	25	2.5
DN100	110	12	104	25	3.0
DN125	140	16	129	25	3.0
DN150	152.5	16	154	30	3.0

Size	B	D	C	F	T
ISO 32(11/4")	78	10	42.4	16	2.0
ISO 40(11/2")	81.5	12	48.3	20	2.0
ISO 50(2")	88	12	60.3	20	2.5
ISO 80(3")	102	12	88.9	25	2.5
ISO 100(4")	115	12	114.3	25	3.0
ISO 125(5")	145	16	139.7	25	3.0
ISO 150(6")	160	16	168.3	30	3.0
ISO 200(8")	186	20	219.1	30	4.0

Size	B	D	C	F	T
SMS25.4	69.5	10	25	16	2.0
SMS38.1	76	10	38	20	2.0
SMS50.8	82.5	12	51	20	2.0
SMS63.5	89.5	12	63.5	20	2.5
SMS76.2	95.5	12	76	25	2.5
SMS101.6	109	16	101.6	25	3.0

管支架 (TH6)

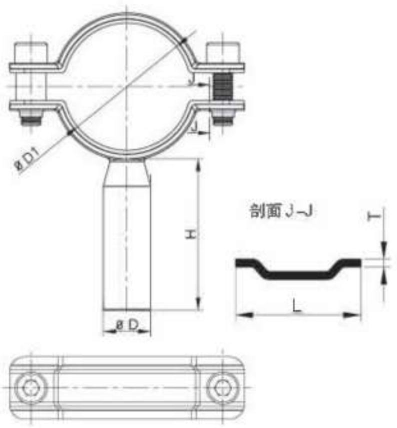


Pipe Holder

JN-PL 1007

Size	D	H
1/2"	12.7	90
3/4"	19.1	90
1"	25.4	90
1 1/2"	38.1	90
2"	50.8	90
2 1/2"	63.5	90
3"	76.2	90
4"	101.6	90
5"	129	117.5
6"	154	130
8"	204	155
10"	254	180
12"	304	205

管支架 (TH7H 焊接)

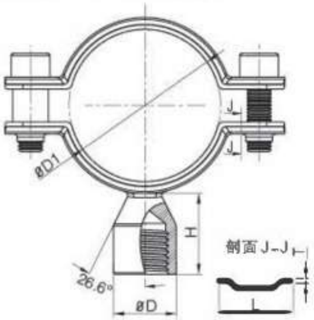


Pipe Holder (Welded)

JN-PL 1008

Size	D	D1	L	H	T
1/4"	8	6.2	12	47	1.5
1/2"	8	12.5	12	47	1.5
3/4"	19	19	25	47	1.5
1"	19	25.4	25	47	1.5
1 1/2"	19	38.1	25	47	1.5
2"	19	50.8	25	47	1.5
2 1/2"	19	63.5	25	47	2
3"	19	76.2	25	47	2
4"	19	101.6	28	47	2
5"	19	129	28	47	2.5
6"	19	154	28	47	2.5
8"	25	204	35	47	3
10"	25	254	35	47	3
12"	25	304	35	47	3

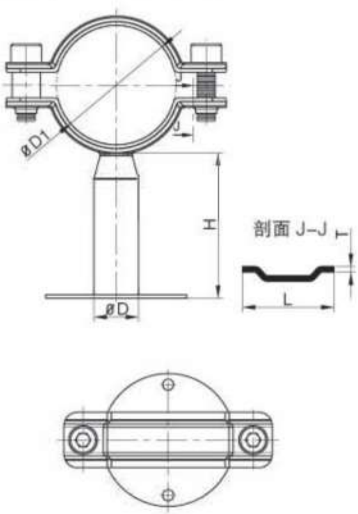
管支架 (TH7M 内螺纹)



Pipe Holder(TH7M Female) **JN-PL 1009**

Size	D	D1	L	H	T
1/4"	8	6.2	12	47	1.5
1/2"	8	12.5	12	47	1.5
3/4"	19	19	25	47	1.5
1"	19	25.4	25	47	1.5
1 1/2"	19	38.1	25	47	1.5
2"	19	50.8	25	47	1.5
2 1/2"	19	63.5	25	47	2
3"	19	76.2	25	47	2
4"	19	101.6	28	47	2
5"	19	129	28	47	2.5
6"	19	154	28	47	2.5
8"	25	204	35	47	3
10"	25	254	35	47	3
12"	25	304	35	47	3

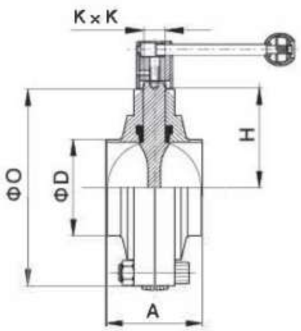
管支架 (TH7P 带垫座)



Pipe Holder (With Plate) **JN-PL 1010**

Size	D	D1	L	H	T
1/4"	8	6.2	12	47	1.5
1/2"	8	12.5	12	47	1.5
3/4"	19	19	25	47	1.5
1"	19	25.4	25	47	1.5
1 1/2"	19	38.1	25	47	1.5
2"	19	50.8	25	47	1.5
21/2"	19	63.5	25	47	2
3"	19	76.2	25	47	2
4"	19	101.6	28	47	2
5"	19	129	28	47	2.5
6"	19	154	28	47	2.5
8"	25	204	35	47	3
10"	25	254	35	47	3
12"	25	304	35	47	3

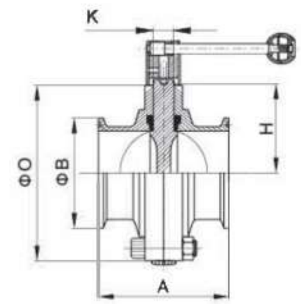
Sanitary Butterfly valve



Welded Butterfly Valve

DIN JN-BV 1001

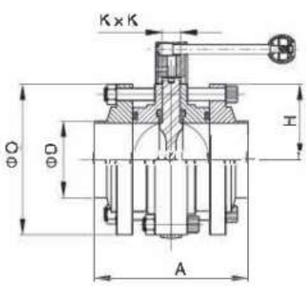
Size	O	D	KXK	A	H
DN15	78.0	18	8.0×8.0	50.0	39.0
DN20	78.0	22	8.0×8.0	50.0	39.0
DN25	78.0	28	8.0×8.0	50.0	39.0
DN32	86	34	8.0×8.0	50.0	43
DN40	90	40	8.0×8.0	50.0	45
DN50	106	52	8.0×8.0	52.0	53
DN65	124	70.0	10.0×10.0	56	62
DN80	139	85.0	10.0×10.0	60	69.5
DN100	160.0	104.0	10.0×10.0	66	80.0
DN125	190.0	129.0	12.0×12.0	80	95.0
DN150	225.0	154.0	12.0×12.0	90	112.5



Clamped Butterfly Valve

DIN JN-BV 1002

Size	O	D	KXK	A	H
DN15	78.0	50.5	8.0×8.0	66	39.0
DN20	78.0	50.5	8.0×8.0	66	39.0
DN25	78.0	50.5	8.0×8.0	66	39.0
DN32	86	50.5	8.0×8.0	70	43
DN40	90	50.5	8.0×8.0	74	45
DN50	106	64.0	8.0×8.0	76	53
DN65	124	91.0	10.0×10.0	84	62
DN80	139	106.0	10.0×10.0	90	69.5
DN100	160.0	119.0	10.0×10.0	104	80.0
DN125	190.0	145.0	12.0×12.0	130	95.0
DN150	225.0	167.0	12.0×12.0	150	112.5



Three-Piece Butterfly Valve

DIN JN-BV 1003

Size	O	D	KXK	A	H
DN15	78.0	19	8.0×8.0	100.0	39.0
DN20	78.0	23	8.0×8.0	100.0	39.0
DN25	78.0	29	8.0×8.0	100.0	39.0
DN32	86.0	35	8.0×8.0	100.0	43
DN40	90.0	41	8.0×8.0	100.0	45
DN50	106.0	53	8.0×8.0	104.0	53
DN65	124.0	70.0	10.0×10.0	108.0	63.5
DN80	139.0	85.0	10.0×10.0	110.0	70.0
DN100	160.0	104.0	10.0×10.0	116.0	80.0
DN125	190.0	129.0	12.0×12.0	138.0	95.0
DN150	225.0	154.0	12.0×12.0	152.0	112.5

六角活接头
Hex union

台阶接头
DIN liner

圆形螺母
Round Nut

云头
Male

无槽活接头
Union without groove

圆形活接头
SMS union

SMS 接头
liner

膨胀接头
Expanding liner

加长活接头
Long union

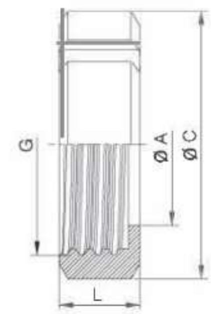
云头
Male

六角螺母
Hex nut

活接头
Unions

Round Nut

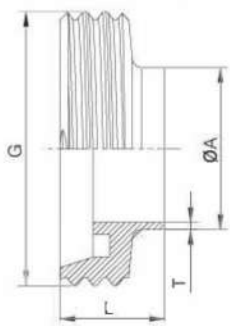
DIN11850 JN-UN 1001



Size	A	C	G	L
DN10	19.0	38.0	RD28X1/8	18.0
DN15	25.0	44.0	RD34X1/8	18.0
DN20	31.0	54.0	RD44X1/6	21.0
DN25	36.0	63.0	RD52X1/6	21.0
DN32	42.0	70.0	RD58X1/6	21.0
DN40	49.0	78.0	RD65X1/6	21.0
DN50	62.0	63.0	RD78X1/6	22.0
DN65	80.0	70.0	RD95X1/6	25.0
DN80	94.0	78.0	RD110X1/4	30.0
DN100	115.0	148.0	RD130X1/4	31.0
DN125	138.0	178.0	RD160X1/4	35.0
DN150	164.0	210.0	RD190X1/4	40.0

Male

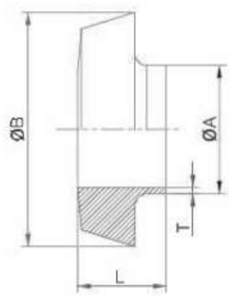
DIN11850 JN-UN 1002



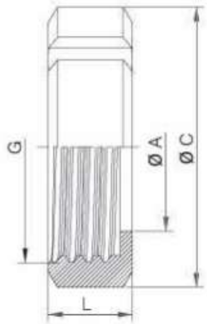
Size	A	G	L	T
DN10	12.0	RD28X1/8	17	1.5
DN15	18.0	RD34X1/8	17	1.5
DN20	22.0	RD44X1/6	20	1.5
DN25	28.0	RD52X1/6	22	1.5
DN32	34.0	RD58X1/6	22	1.5
DN40	40.0	RD65X1/6	22	1.5
DN50	52.0	RD78X1/6	22	1.5
DN65	70.0	RD95X1/6	24	2.0
DN80	85.0	RD110X1/4	28	2.0
DN100	104.0	RD130X1/4	28	2.0
DN125	129.0	RD160X1/4	35	2.0
DN150	154.0	RD190X1/4	40	2.0

Liner

DIN11850 JN-UN 1003



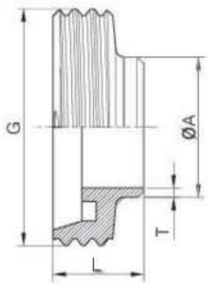
Size	A	B	L	T
DN10	12.0	22.0	13.0	1.5
DN15	18.0	28.0	13.0	1.5
DN20	22.0	36.0	15.0	1.5
DN25	28.0	44.0	17.0	1.5
DN32	34.0	50.0	17.0	1.5
DN40	40.0	56.0	17.0	1.5
DN50	52.0	68.0	18.0	1.5
DN65	70.0	86.0	20.0	2.0
DN80	85.0	100.0	20.0	2.0
DN100	104.0	121.0	24.0	2.0
DN125	129.0	150.0	28.0	2.0
DN150	154.0	176.0	32.0	2.0



Round Nut

DIN11850 JN-UN 1004

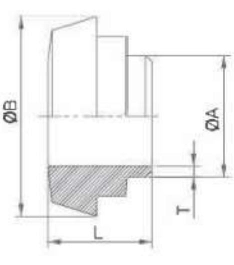
Size	A	C	G	L
DN10	19.0	38.0	RD28X1/8	18.0
DN15	25.0	44.0	RD34X1/8	18.0
DN20	31.0	54.0	RD44X1/6	21.0
DN25	36.0	63.0	RD52X1/6	21.0
DN32	42.0	70.0	RD58X1/6	21.0
DN40	49.0	78.0	RD65X1/6	21.0
DN50	62.0	92.0	RD78X1/6	22.0
DN65	80.0	112.0	RD95X1/6	25.0
DN80	94.0	127.0	RD110X1/4	30.0
DN100	115.0	148.0	RD130X1/4	31.0
DN125	138.0	178.0	RD160X1/4	35.0
DN150	164.0	210.0	RD190X1/4	40.0



Long-type Male

DIN11850 JN-UN 1005

Size	A	G	L	T
DN10	15.0	RD28X1/8	21.0	2.5
DN15	21.0	RD34X1/8	21.0	2.5
DN20	25.0	RD44X1/6	24.0	2.5
DN25	31.0	RD52X1/6	29.0	2.5
DN32	37.0	RD58X1/6	32.0	2.5
DN40	43.0	RD65X1/6	33.0	2.5
DN50	55.0	RD78X1/6	35.0	2.5
DN65	72.0	RD95X1/6	40.0	3.0
DN80	87.0	RD110X1/4	45.0	3.0
DN100	106.0	RD130X1/4	54.0	3.0
DN125	132.0	RD160X1/4	46.0	3.5
DN150	157.0	RD190X1/4	50.0	3.5



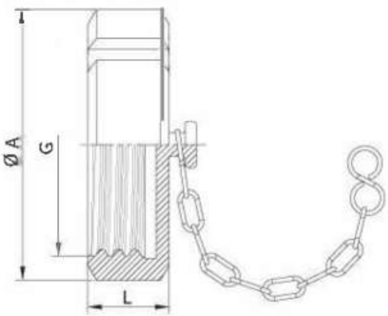
Long-type Liner

DIN11850 JN-UN 1006

Size	A	B	L	T
DN10	15.0	22.0	16.0	2.5
DN15	21.0	28.0	17.0	2.5
DN20	25.0	36.0	18.0	2.5
DN25	31.0	44.0	22.0	2.5
DN32	37.0	50.0	25.0	2.5
DN40	43.0	56.0	26.0	2.5
DN50	55.0	68.0	28.0	2.5
DN65	72.0	86.0	32.0	3.0
DN80	87.0	100.0	37.0	3.0
DN100	106.0	121.0	44.0	3.0
DN125	132.0	150.0	34.0	3.5
DN150	157.0	176.0	37.0	3.5

Blind Nut With Chain

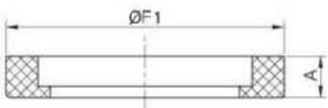
DIN11850 JN-UN 1007



Size	A	G	L
DN10	38.0	RD28X1/8	18.0
DN15	44.0	RD34X1/8	18.0
DN20	54.0	RD44X1/6	21.0
DN25	63.0	RD52X1/6	21.0
DN32	70.0	RD58X1/6	21.0
DN40	78.0	RD65X1/6	21.0
DN50	92.0	RD78X1/6	22.0
DN65	112.0	RD95X1/6	25.0
DN80	127.0	RD110X1/4	30.0
DN100	148.0	RD130X1/4	31.0
DN125	178.0	RD160X1/4	35.0
DN150	210.0	RD190X1/4	40.0

Gasket For Union

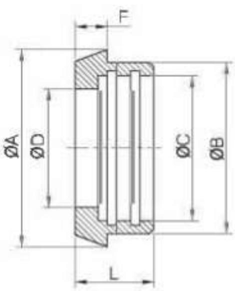
DIN11850 JN-UN 1008



Size	A	F1
DN15	5.0	26.0
DN20	5.0	33.0
DN25	5.0	40.0
DN32	5.0	46.0
DN40	5.0	52.0
DN50	5.0	64.0
DN65	5.0	81.0
DN80	6.0	95.0
DN100	6.0	114.0
DN125	7.0	142.0
DN150	7.0	167.0

Expanding Liner

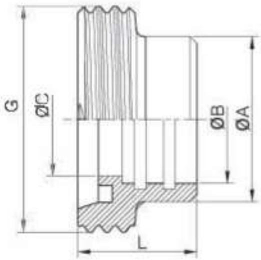
DIN11850 JN-UN 1009



Size	A	B	C	D	L	F
DN10	22.0	18.0	12.2	10.0	17.0	6.0
DN15	28.0	24.0	18.2	16.0	17.0	6.0
DN20	36.0	30.0	22.2	20.0	18.0	8.0
DN25	44.0	35.0	28.2	26.0	22.0	10.0
DN32	50.0	41.0	34.2	32.0	25.0	10.0
DN40	56.0	48.0	40.2	38.0	26.0	10.0
DN50	68.0	61.0	52.2	50.0	28.0	11.0
DN65	86.0	79.0	70.3	66.0	32.0	12.0
DN80	100.0	93.0	85.3	81.0	37.0	12.0
DN100	120.0	114.0	104.3	100.0	44.0	15.0
DN125	149.0	137.0	129.3	125.0	34.0	17.0
DN150	175.0	163.0	154.3	150.0	37.0	18.0

Expanded Male

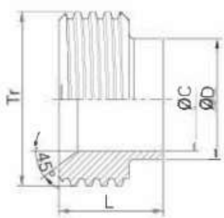
DIN11850 JN-UN 1010



Size	A	B	C	L	G
DN10	18.0	12.2	10.0	21.0	RD28X1/8
DN15	24.0	18.2	16.0	21.0	RD34X1/8
DN20	30.0	22.2	20.0	24.0	RD44X1/6
DN25	35.0	28.2	26.0	29.0	RD52X1/6
DN32	41.0	34.2	32.0	32.0	RD58X1/6
DN40	48.0	40.2	38.0	33.0	RD65X1/6
DN50	61.0	52.2	50.0	35.0	RD78X1/6
DN65	79.0	70.3	66.0	40.0	RD95X1/6
DN80	93.0	85.3	81.0	45.0	RD110X1/4
DN100	114.0	104.3	100.0	54.0	RD130X1/4
DN125	137.0	129.3	125.0	46.0	RD160X1/4
DN150	163.0	154.3	150.0	50.0	RD190X1/4

Male

3A JN-UN 2001

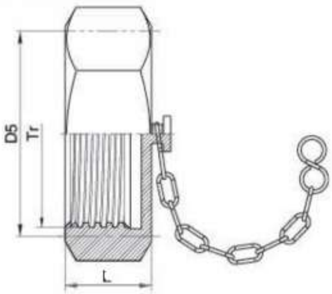


Size	C	D	Tr	L	
				15TRF	15A
1"	22.1	25.4	37.13X1/8 TACME	18.3	34.9
1.5"	34.8	38.1	50.65X1/8 TACME	18.3	38.1
2"	47.5	50.8	64.17X1/8 TACME	19.1	38.1
2.5"	60.2	63.5	77.67X1/8 TACME	22.2	44.5
3"	72.9	76.2	91.19X1/8 TACME	23.1	44.5
4"	97.4	101.6	119.25X1/6 TACME	26.2	44.5

Liner 14PRF/14A

3A JN-UN 2002

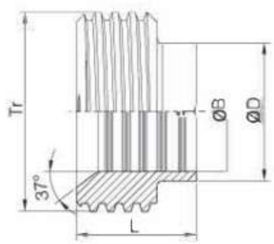
Size	A	C	D	F	H	L	
						14TRF	14A
1"	33.3	22.1	25.4	29.5	7.9	18.3	34.9
1 1/2"	46.8	34.8	38.1	42.6	8.7	18.3	38.1
2"	60.3	47.5	50.8	55.7	10.3	19.1	38.1
2 1/2"	73.8	60.2	63.5	68.8	11.1	22.3	44.5
3"	87.3	72.9	76.2	81.9	11.9	23.1	44.5
4"	114.3	97.4	101.6	108.1	14.3	26.2	44.5



Blind Nut

3A JN-UN 2003

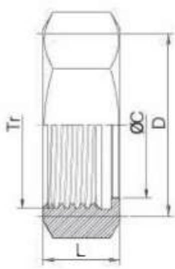
Size	D5	Tr	L
1"	46.0	38.02X1/8 TACME	23.0
1 1/2"	61.1	51.54X1/8 TACME	24.6
2"	76.2	65.05X1/8 TACME	27.0
2 1/2"	91.3	78.56X1/8 TACME	30.15
3"	106.4	92.08X1/8 TACME	32.5
4"	137.6	120.14X1/6TACME	38.1



Expanding Male

3A JN-UN 2004

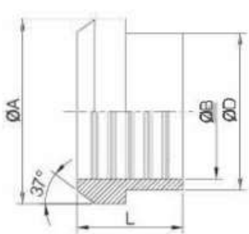
Size	Tr	B	D	L
1"	37.13X1/8 TACME	25.5	29.5	20.6
1.5"	50.65X1/8 TACME	38.2	42.6	28.6
2"	64.17X1/8 TACME	50.9	55.7	34.9
2.5"	77.67X1/8 TACME	63.6	68.8	38.1
3"	91.19X1/8 TACME	76.3	81.9	41.3
4"	119.25X1/6 TACME	101.7	108.1	41.3



Hexagon Nut

3A JN-UN 2005

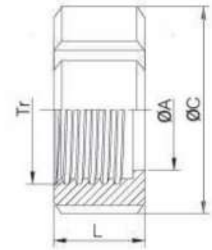
Size	C	D	Tr	L
1"	30.3	46.0	38.02X1/8 TACME	23.0
1 1/2"	43.4	61.1	51.54X1/8 TACME	24.6
2"	56.5	76.2	65.05X1/8 TACME	27.0
2 1/2"	69.6	91.3	78.56X1/8 TACME	30.15
3"	82.7	106.4	92.08X1/8 TACME	32.5
4"	108.9	137.6	120.14X1/6TACME	38.1



Expanding Liner

3A JN-UN 2006

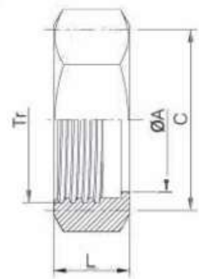
Size	A	B	D	L
1"	33.3	25.5	29.5	19.1
1.5"	46.8	38.2	42.6	28.6
2"	60.3	50.9	55.7	33.3
2.5"	73.8	63.6	68.8	34.9
3"	87.3	76.3	81.9	36.5
4"	114.3	101.7	108.1	38.1



Round Nut

3A JN-UN 2007

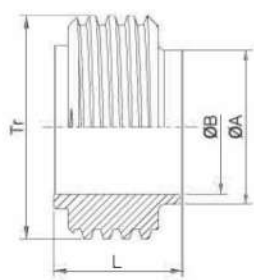
Size	A	Tr	C	L
ø25	30.5	38.02x1/8 TACME	48.0	30.0
ø38	43.5	51.54x1/8 TACME	64.0	30.0
ø51	57.0	65.05x1/8 TACME	77.0	30.0
ø63	70.7	78.56x1/8 TACME	91.0	30.0
ø76	83.3	92.08x1/8 TACME	106.0	30.0
ø102	110.0	119.1x1/8 TACME	135.0	30.0



Hexagon Nut

3A JN-UN 2008

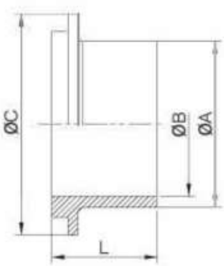
Size	A	Tr	C	L
ø25	30.3	38.02x1/8 TACME	46.0	30.0
ø38	43.5	51.54x1/8 TACME	61.0	30.0
ø51	57.0	65.05x1/8 TACME	76.2	30.0
ø63	70.7	78.56x1/8 TACME	91.3	30.0
ø76	83.3	92.08x1/8 TACME	106.5	30.0
ø102	110.0	119.1x1/8 TACME	137.7	30.0



Male

3A JN-UN 2009

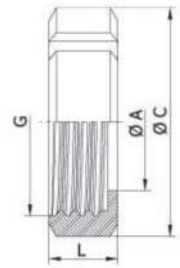
Size	A	B	Tr	L
ø25	25.4	22.4	37.1x1/8 TACME	21.5
ø38	38.1	35.1	50.6x1/8 TACME	21.5
ø51	50.8	47.8	64.1x1/8 TACME	21.5
ø63	63.5	59.5	77.6x1/8 TACME	21.5
ø76	76.2	72.2	91.1x1/8 TACME	21.5
ø102	101.6	97.6	118.2x1/8 TACME	21.5



Liner

3A JN-UN 2010

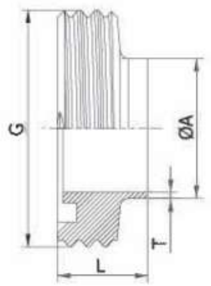
Size	A	B	C	L
ø25	25.4	22.4	33.8	21.5
ø38	38.1	35.1	47.0	21.5
ø51	50.8	47.8	60.5	21.5
ø63	63.5	59.5	74.0	21.5
ø76	76.2	72.2	87.5	21.5
ø102	101.6	97.6	114.1	21.5



Round Nut

SMS JN-UN 3001

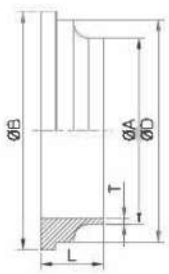
Size	A	C	G	L
25	32.5	51.0	RD40X1/6	19.0
32	40.3	60.0	RD48X1/6	22.0
38	48.5	74.0	RD60X1/6	23.0
51	61.0	84.0	RD70X1/6	24.0
63	74.0	100.0	RD85X1/6	28.0
76	87.0	114.0	RD98X1/6	30.0
89	100	125.0	RD110X1/6	31.0
102(小)	113.0	138.0	RD125X1/4	31.0
102(大)	117.0	150.0	RD132X1/6	31.0



Male

SMS JN-UN 3002

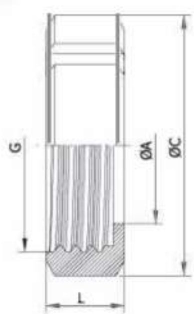
Size	A	G	L	T
25	25.4	RD40X1/6	19.0	1.5
32	31.8	RD48X1/6	23.0	1.5
38	38.1	RD60X1/6	23.0	1.5
51	50.8	RD70X1/6	23.0	1.5
63	63.5	RD85X1/6	27.0	2.0
76	76.2	RD98X1/6	27.0	2.0
89	88.9	RD110X1/6	30.0	2.0
102(小)	101.6	RD125X1/4	30.0	2.0
102(大)	101.6	RD132X1/6	30.0	2.0



Stepped Liner

SMS JN-UN 3003

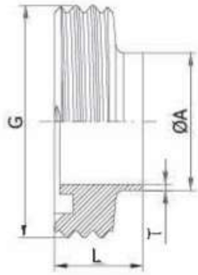
Size	A	B	D	L	T
25	25.4	35.5	32.0	15.5	1.5
32	31.8	43.5	40.0	16.0	1.5
38	38.1	55.0	48.2	16.0	1.5
51	50.8	65.0	60.7	17.0	1.5
63	63.5	80.0	73.7	19.0	2.0
76	76.2	93.0	86.7	19.0	2.0
89	88.9	105.8	99.2	19.0	2.0
102(小)	101.6	118.0	112.7	19.0	2.0
102(大)	101.6	127.0	116.2	19.0	2.0



Short-type Round Nut

SMS JN-UN 3004

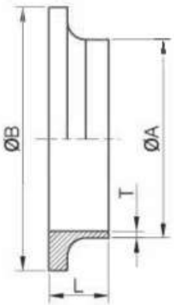
Size	A	C	G	L
25	32.5	50.0	RD40X1/6	17.0
32	40.3	58.0	RD48X1/6	18.0
38	48.5	72.0	RD60X1/6	21.0
51	61.0	82.0	RD70X1/6	21.0
63	74.0	98.0	RD85X1/6	24.0
76	87.0	112.0	RD98X1/6	26.0
89	100	125.0	RD110X1/6	26.0
102	113.0	138.0	RD125X1/4	28.0



short-type Male

SMS JN-UN 3005

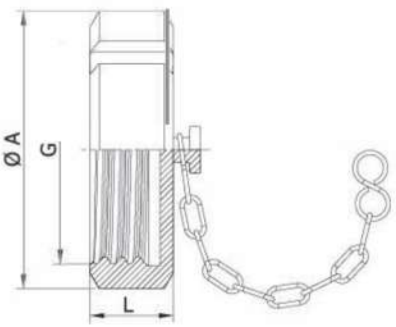
Size	A	G	L	T
25	25.4	RD40X1/6	15.0	1.5
32	31.8	RD48X1/6	16.0	1.5
38	38.1	RD60X1/6	20.0	1.5
51	50.8	RD70X1/6	20.0	1.5
63	63.5	RD85X1/6	22.0	2.0
76	76.2	RD98X1/6	23.0	2.0
89	88.9	RD110X1/6	23.0	2.0
102	101.6	RD125X1/4	26.0	2.0



Short-type Liner

SMS JN-UN 3006

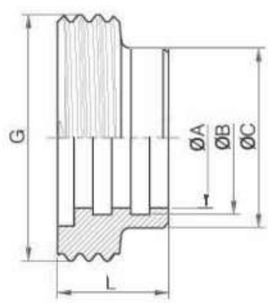
Size	A	B	L	T
25	25.4	35.5	9.0	1.5
32	31.8	43.5	10.0	1.5
38	38.1	55.0	10.0	1.5
51	50.8	65.0	10.0	1.5
63	63.5	80.0	11.0	2.0
76	76.2	93.0	12.0	2.0
89	88.9	105.8	13.0	2.0
102	101.6	118.0	13.0	2.0



Blind Nuts

SMS JN-UN 3007

Size	A	G	L
25	51.0	RD40X1/6	19.0
32	60.0	RD48X1/6	22.0
38	74.0	RD60X1/6	23.0
51	84.0	RD70X1/6	24.0
63	100.0	RD85X1/6	28.0
76	114.0	RD98X1/6	30.0
89	125.0	RD110X1/6	31.0
102	138.0	RD125X1/4	31.0



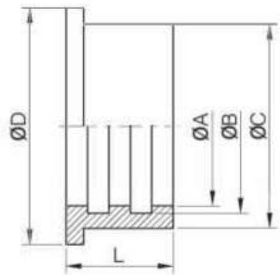
SMS Expanding Male

SMS JN-UN 3008

Size	A	B	C	G	L
25	25.6	26.2	32.0	RD40X1/6	20.0
32	32.0	32.6	40.0	RD48X1/6	20.0
38	38.3	38.9	47.9	RD60X1/6	23.0
51	51.0	51.6	60.4	RD70X1/6	25.0
63	63.7	64.3	73.5	RD85X1/6	30.0
76	76.4	77.2	86.5	RD98X1/6	35.0
102	101.8	102.6	112.5	RD125X1/4	30.0

Expanding Liner

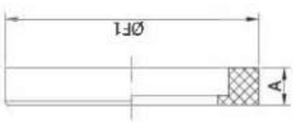
SMS JN-UN 3009



Size	A	B	C	D	L
25	25.6	26.2	32.0	35.5	17.0
32	32.0	32.6	40.0	43.5	17.0
38	38.3	38.9	47.9	55.0	20.0
51	51.0	51.6	60.4	65.0	20.0
63	63.7	64.3	73.5	80.0	25.0
76	76.4	77.2	86.5	93.0	30.0
102	101.8	102.6	112.5	118.0	27.0

Gasket for Union

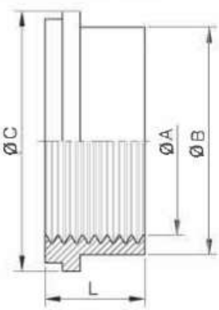
SMS JN-UN 3010



Size	A	F1
25	5.5	32.0
32	5.5	40.0
38	5.5	48.0
51	5.5	61.0
63	5.5	73.5
76	5.5	86.0
89	5.5	99.0
102	5.5	114.0

Expanding Liner IDF-14R

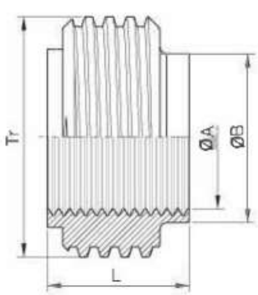
IDF JN-UN 4001



Size	A	B	C	L
Ø25	25.5	29.2	33.8	21.5
Ø38	38.2	42.7	47.0	21.5
Ø51	50.9	56.2	60.5	21.5
Ø63	63.6	69.9	74.0	21.5
Ø76	76.3	82.6	87.5	21.5
Ø102	101.7	111.1	114.1	21.5

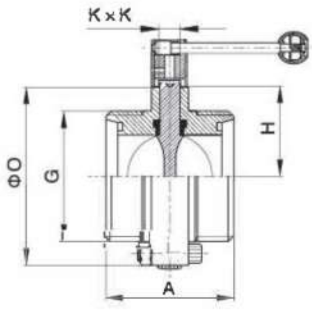
Expanding Male IDF-15R

IDF JN-UN 4002



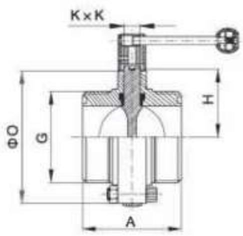
Size	A	B	Tr	L
Ø25	25.5	29.2	37.13x1/8 TACME	21.5
Ø38	38.2	42.7	50.65x1/8 TACME	21.5
Ø50	50.9	56.2	64.16x1/8 TACME	21.5
Ø63	63.6	69.9	77.67x1/8 TACME	21.5
Ø76	76.3	82.6	91.19x1/8 TACME	21.5
Ø102	101.7	111.1	118.2x1/8 TACME	21.5

Threaded Butterfly Valve — DIN JN-BV 1004



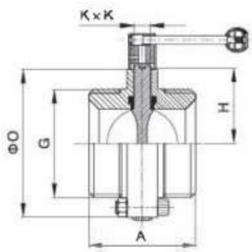
Size	O	D	KXK	A	H
DN15	78.0	RD34×1/8	8.0×8.0	66	39.0
DN20	78.0	RD44×1/6	8.0×8.0	66	39.0
DN25	78.0	RD52×1/6	8.0×8.0	66	39.0
DN32	86.0	RD58×1/6	8.0×8.0	70	43
DN40	90.0	RD65×1/6	8.0×8.0	74	45
DN50	106.0	RD78×1/6	8.0×8.0	76	53
DN65	124.0	RD95×1/6	10.0×10.0	84	62
DN80	139.0	RD110×1/4	10.0×10.0	90	69.5
DN100	160.0	RD130×1/4	10.0×10.0	104	80.0
DN125	190.0	RD160×1/4	12.0×12.0	130	95.0
DN150	225.0	RD190×1/4	12.0×12.0	150	112.5

Threaded Butterfly Valve — SMS JN-BV 1005

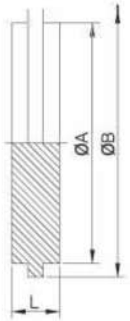


Size	O	G	KXK	A	H
19	78.0	RD34×1/8	8.0×8.0	66	39.0
25	78.0	RD40×1/6	8.0×8.0	66	39.0
32	28	RD48×1/6	8.0×8.0	70	39.0
38	85	RD60×1/6	8.0×8.0	70	42.5
51	100.0	RD70×1/6	8.0×8.0	70	50.0
63	116	RD85×1/6	10.0×10.0	80	58
76	130	RD98×1/6	10.0×10.0	84	65
89	140.0	RD110×1/6	10.0×10.0	84	70.0
102 Small	160.0	RD125×1/6	10.0×10.0	104	80.0
102 Big	160.0	RD132×1/6	10.0×10.0	104	80.0

Threaded Butterfly Valve — 3A JN-BV 1006



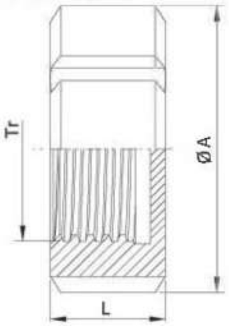
Size	O	G	KXK	A	H
1"	78.0	37.1×6TACME	8.0×8.0	68.0	39.0
1 1/2"	80.0	50.6×6TACME	8.0×8.0	68.0	40.0
2"	100.0	64.2×6TACME	8.0×8.0	76.0	50.0
2 1/2"	117.0	77.7×6TACME	8.0×8.0	80.0	58.5
3"	129.0	91.2×6TACME	10.0×10.0	80.0	64.5
4"	160.0	119.2×6TACME	10.0×10.0	90.0	80.0



Blanks IDF-16AMP

IDF JN-UN 4003

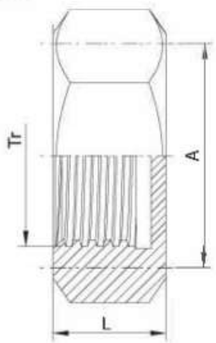
Size	A	B	L
Ø25	29.2	33.8	10.5
Ø38	42.7	47.0	10.5
Ø51	56.2	60.5	10.5
Ø63	69.9	74.0	10.5
Ø76	82.6	87.5	10.5
Ø102	111.1	114.1	10.5



IDF Rounded Blind Nut

IDF JN-UN 4004

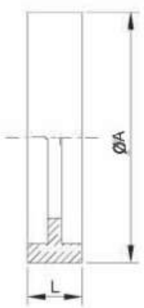
Size	A	Tr	L
Ø25	48.0	38.02x1/8 TACME	30.0
Ø38	64.0	51.54x1/8 TACME	30.0
Ø51	77.0	65.05x1/8 TACME	30.0
Ø63	91.0	78.56x1/8 TACME	30.0
Ø76	106.0	92.08x1/8 TACME	30.0
Ø102	135.0	119.1x1/8 TACME	30.0



Hexagon Blind Nut

IDF JN-UN 4005

Size	A	Tr	L
Ø25	48.0	38.02x1/8 TACME	30.0
Ø38	64.0	51.54x1/8 TACME	30.0
Ø51	77.0	65.05x1/8 TACME	30.0
Ø63	91.0	78.56x1/8 TACME	30.0
Ø76	106.0	92.08x1/8 TACME	30.0
Ø102	135.0	119.1x1/8 TACME	30.0



Gasket For Union

IDF JN-UN 4006

Size	A	L
Ø25	32.5	7.0
Ø38	46.0	7.0
Ø51	59.5	7.0
Ø63	73.0	7.0
Ø76	85.5	7.0
Ø102	114.0	7.0

内开式斜边椭圆人孔
Oval manhole with bevel edge

方形人孔
Rectangular manhole

方形人孔
Rectangular manhole

常压圆形人孔
Non pressure round manhole

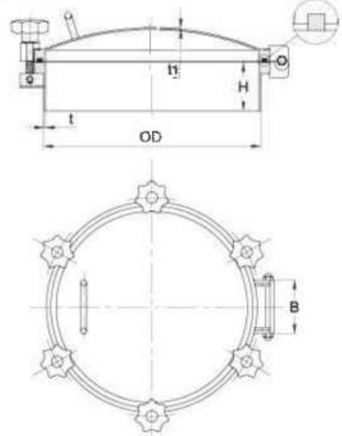
带内视人孔
Round manhole with sight glass

圆形人孔
Pressure type round manhole

圆形人孔
Round manhole

圆形带视镜人孔
Round manhole cover with sight glass

椭圆形人孔
Oval manhole



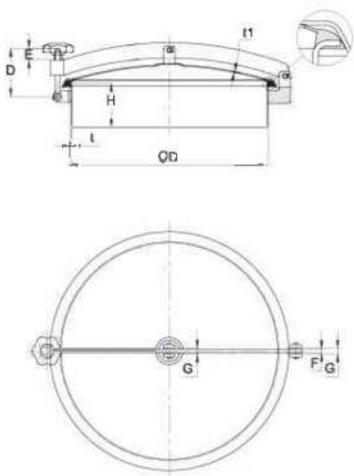
Round Outward Manway With Pressure **JN-ML 1001**

Size	OD mm	t mm	H mm	t1 mm	手轮数量 Handwheel-Num	Pres (Bar)
200	206	3	100	3	4	1 - 3
300	306	3	100	3	4	1 - 3
350	356	3	100	3	5	1 - 3
400	406	3	100	3	6	1 - 3
430	436	3	100	3	6	1 - 3
450	456	3	100	3	6	1 - 3
500	508	4	100	3	6	1 - 3
600	608	4	100	4	6	1 - 3

Height(H) and Frame (t) and cover (t1) can be changed accoring to your requirment.

Feature:

Gasket: Silicone/EPDM/NBR/FPM in accordance with FDA 177.2600.
Material: 304(1.4301), 316L(1.4404)
Internal surface: 0.8μm_0.4μm
Outside surface: Mirror polished, Matte, sand-blasting finished.



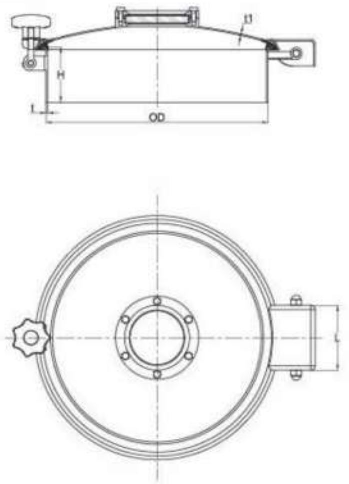
Round Outward Manway **JN-ML 1002**

Size	OD mm	t mm	H mm	t1 mm	Pres (Bar)
200	200	2.5	100	2	0 - 0.1
219	219	2.5	100	2	0 - 0.1
300	300	2.5	100	2	0 - 0.1
350	350	2.5	100	2	0 - 0.1
400	400	3	100	2.5	0-0.1
430	430	3	100	2.5	0 - 0.1
450	450	3	100	2.5	0 - 0.1
500	500	3	100	2.5	0 - 0.1
600	600	4	100	3	0 - 0.1
420X300 (Oval-椭圆)	420X300	3	100	2.5	0 - 0.1

Height(H) and Frame (t) and cover (t1) can be changed accoring to your requirment, also include sight glass.

Feature:

Gasket: Silicone/EPDM/NBR/FPM in accordance with FDA 177.2600.
Material: 304(1.4301), 316L(1.4404)
Internal surface: 0.8μm-0.4μm
Outside surface: Mirror polished, Matte, sand-blasting finished.



Round Manway With Sight Glass

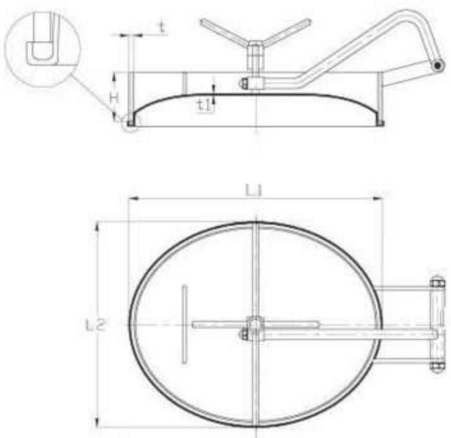
JN-ML 1003

Size	OD mm	t mm	H mm	t1 mm	视镜 Sight Glass	Pres (Bar)
350	355	2.5	100	2.5	DN80	0-0.2
400	406	3	100	3	DN100	0- 0.2
450	456	3	100	3	DN150	0- 0.2
600	506	3	100	3	DN200	0- 0.2
600	608	4	100	3	DN400/500	0-0.2

Height(H) and Frame (t) and cover (t1) can be changed accoring to your requirment.

Feature:

Gasket: Silicone/EPDM/NBR/FPM in accordance with FDA 177.2600.
Material: 304(1.4301), 316L(1.4404)
Internal surface: 0.8 μ m–0.4 μ m
Outside surface: Mirror polished, Matte, sand-blasting finished.



Oval Inward Manway

JN-ML 1004

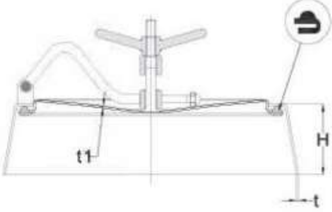
Size	OD mm L1*L2	t mm	H mm	t1 mm	Pres (Bar)
430*330	430*330	8	75	2.5	1 - 3
435*335	435*335	10	75	2.5	1 - 3
450*350	450*350	8	75	3	1 - 3
530*430	530*430	10	75	3	1 - 3
535*435	535*435	12	75	3	1 - 3
635*525	635*525	12	80	3	1 - 3

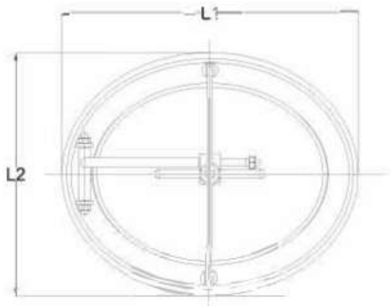
Height(H) and Frame (t) and cover (t1) can be changed accorng to your requirment.

Feature:

Gasket: Silicone/EPDM/NBR/FPM in accordance with FDA 177.2600.
Material: 304(1.4301), 316L(1.4404)
Internal surface: 0.8 μ m–0.4 μ m
Outside surface: Mirror polished, Matte, sand-blasting finished.

Oval Inward Manway with Bevel Edge — JN-ML 1005



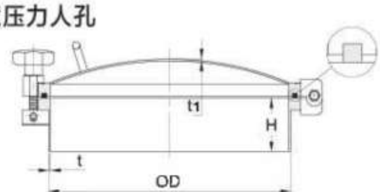


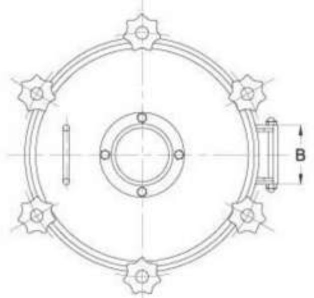
Size	OD mm L1*L2	t1 mm	H mm	t2 mm	Pres (Bar)
550*450	550*450	3	80	4	1－3
550*450A	550*450	4	80	5	1－3
565*465	565*465	4	100	5	1－3
580*480	580*480	4	133	5	1－3

Height(H) and Frame (t) and cover (t1) can be changed according to your requirment.

圆形带视镜压力人孔

Round Outward Manway With Sight Glass — JN-ML 1006





Size	OD mm	t mm	H mm	t1 mm	视镜 Sight Glass	Pres (Bar)
200	206	3	100	3	DN80	1－3
300	306	3	100	3	DN80	1－3
350	356	3	100	3	DN80	1－3
400	406	3	100	3	DN80	1－3
430	436	3	100	3	DN80	1－3
450	456	3	100	3	DN80	1－3
500	508	4	100	3	DN100	1－3
600	608	4	100	4	DN100	1－3

Height(H) and Frame (t) and cover (t1), sight glass can be changed accoring to your requirment.

Feature:

Gasket: Silicone/EPDM/NBR/FPM in accordance with FDA 177.2600.
Material: 304(1.4301), 316L(1.4404)
Internal surface: 0.8 μ m–0.4 μ m
Outside surface: Mirror polished, Matte, sand-blasting finished.

焊接 Y 型过滤器
Welded Y strainer

螺纹 Y 型过滤器
Threading Y strainer

单联过滤器
Line strainer

角式过滤器
Angle strainer

活接头视镜带灯
Union sight glass with light

四通视镜
Cross type sight glass

活接式视镜
Union type sight glass

视灯
Sight light

直通视镜
Line type sight glass

快装旋转清洗球
Clamped rotated spray ball

内螺纹旋转清洗球
Female rotated cleaning ball

插销旋转清洗球
Pin rotated spray ball

快装固定清洗球
Clamped fixed spray ball

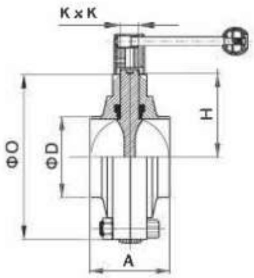
外螺纹固定清洗球
Male fixed cleaning ball

360° 牛角清洗球
Ox type cleaning valve

插销固定清洗球
Pin type fixed spray valve

地漏
Floor drain

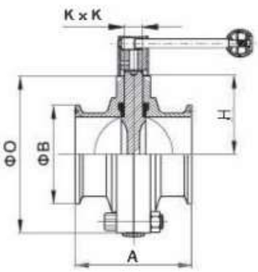
呼吸器
Breather



Welded Butterfly Valve

3A/ISO/IDF/SMS JN-BV 1007

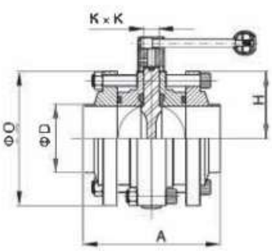
Size	O	D	KXK	A	H
19	78.0	19.0	8.0×8.0	50.0	39.0
25	78.0	25.4	8.0×8.0	50.0	39.0
32	80.0	31.8	8.0×8.0	50.0	40.0
38	80.0	38.1	8.0×8.0	50.0	40.0
45	95.0	45.0	8.0×8.0	50.0	47.5
51	100.0	50.8	8.0×8.0	50.0	50.0
57	110.0	57.0	8.0×8.0	50.0	55.0
63	117.0	63.5	10.0×10.0	56.0	58.5
76	129.0	76.2	10.0×10.0	60.0	64.5
89	140.0	89.0	10.0×10.0	62.0	70.0
102	160.0	101.6	10.0×10.0	66.0	80.0
108	160.0	108.0	10.0×10.0	66.0	80.0
133	190.0	133.0	12.0×12.0	74.0	95.0
159	225.0	159.0	12.0×12.0	80.0	112.5
219	285.0	219.0	14.0×14.0	86.0	142.5



Clamped Butterfly Valve

3A/ISO/IDF/SMS JN-BV 1008

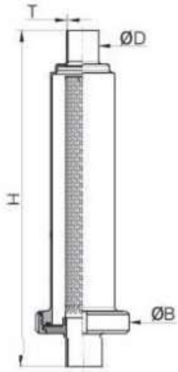
Size	O	B	KXK	A	H
19	78.0	25.4	8.0×8.0	68.0	39.0
25	78.0	50.5	8.0×8.0	68.0	39.0
32	80.0	50.5	8.0×8.0	72.0	40.0
38	80.0	50.5	8.0×8.0	72.0	40.0
45	95.0	64.0	8.0×8.0	72.0	47.5
51	100.0	64.0	8.0×8.0	74.0	50.0
57	110.0	77.5	8.0×8.0	74.0	55.0
63	117.0	77.5	10.0×10.0	80.0	58.5
76	129.0	91.0	10.0×10.0	80.0	64.5
89	140.0	106.0	10.0×10.0	86.0	70.0
102	160.0	119.0	10.0×10.0	90.0	80.0
108	160.0	119.0	10.0×10.0	90.0	80.0
133	190.0	145.0	12.0×12.0	114.0	95.0
159	225.0	183.0	12.0×12.0	120.0	112.5
219	285.0	233.5	14.0×14.0	126.0	142.5



Three-Piece Butterfly Valve

3A/ISO/IDF/SMS JN-BV 1009

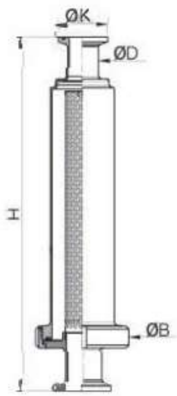
Size	O	B	KXK	A	H
19	78.0	19.0	8.0×8.0	100.0	39.0
25	78.0	25.4	8.0×8.0	100.0	39.0
32	80.0	31.8	8.0×8.0	100.0	40.0
38	80.0	38.1	8.0×8.0	100.0	40.0
45	95.0	45.0	8.0×8.0	100.0	47.5
51	100.0	50.8	8.0×8.0	100.0	50.0
57	110.0	57.0	8.0×8.0	104.0	55.0
63	117.0	63.5	10.0×10.0	100.0	58.5
76	129.0	76.2	10.0×10.0	100.0	64.5
89	140.0	89.0	10.0×10.0	100.0	70.0
102	160.0	101.6	10.0×10.0	108.0	80.0
108	160.0	108.0	10.0×10.0	108.0	80.0
133	190.0	133.0	12.0×12.0	114.0	95.0
159	225.0	159.0	12.0×12.0	120.0	112.5
219	285.0	219.0	14.0×14.0	130.0	142.5



Welded Straight Strainer

JN-ST 1001

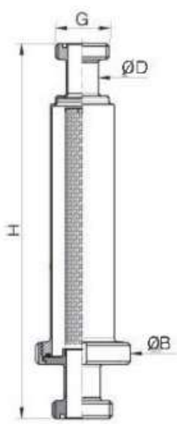
Size								H	B
DIN	D×T	3A	D×T	SMS	D×T	ISO/IDF	D×T		
DN25	28×1.5	1"	25.4×1.65	25	25.4×1.5	ϕ25	25.4×1.5	325.0	114.0
DN32	34×1.5	1 1/4"	31.8×1.65	32	31.8×1.5	ϕ32	31.8×1.5	330.0	114.0
DN40	40×1.5	1 1/2"	38.1×1.65	38	38.1×1.5	ϕ38	38.1×1.5	330.0	114.0
DN50	52×1.5	2"	50.8×1.65	51	50.8×1.5	ϕ51	50.8×1.5	350.0	125.0
DN65	70×2	2 1/2"	63.5×1.65	63	63.5×2	ϕ63	63.5×2	405.0	138.0
DN80	85×2	3"	76.2×1.65	76	76.2×2	ϕ76	76.2×2	500.0	148.0
DN100	104×2	4"	101.6×2.1	102	101.6×2	ϕ102	101.6×2	600.0	178.0



Clamped Straight Strainer

JN-ST 1002

Size								H	B
DIN	D×K	3A	D×K	SMS	D×K	ISO/IDF	D×K		
DN25	28x50.5	1"	25.4x50.5	25	25.4x50.5	ϕ25	25.4x50.5	360.0	114.0
DN32	34x50.5	1 1/4"	31.8x50.5	32	31.8x50.5	ϕ32	31.8x50.5	360.0	114.0
DN40	40x50.5	1 1/2"	38.1x50.5	38	38.1x50.5	ϕ38	38.1x50.5	360.0	114.0
DN50	52x64.0	2"	50.8x64.0	51	50.8x64.0	ϕ51	50.8x64.0	390.0	125.0
DN65	70x91.0	2 1/2"	63.5x77.5	63	63.5x77.5	ϕ63	63.5x77.5	455.0	138.0
DN80	85x106.0	3"	76.2x91.0	76	76.2x91.0	ϕ76	76.2x91.0	550.0	148.0
DN100	104x119.0	4"	101.6x119.0	102	101.6x119.0	ϕ102	101.6x119.0	654.0	178.0



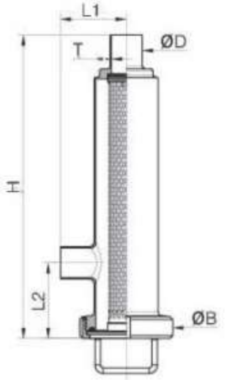
Threaded Straight Strainer

JN-ST 1003

Size						H	B
DIN	D	G	SMS	D	G		
DN25	28.0	RD52x1/6	25	25.4	RD40x1/6	360.0	114.0
DN32	34.0	RD58x1/6	32	31.8	RD48x1/6	360.0	114.0
DN40	40.0	RD65x1/6	38	38.1	RD60x1/6	360.0	114.0
DN50	52.0	RD78x1/6	51	50.8	RD70x1/6	390.0	125.0
DN65	70.0	RD95x1/6	63	63.5	RD85x1/6	455.0	138.0
DN80	85.0	RD110x1/4	76	76.2	RD98x1/6	550.0	148.0
DN100	104.0	RD130x1/4	102	101.6	RD125x1/4	654.0	178.0

Welded angle-type Strainer

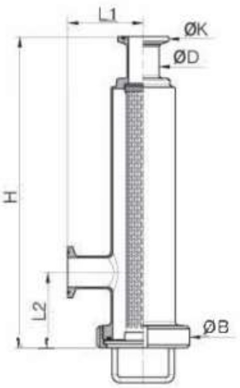
JN-ST 1004



Size								H	B	L1	L2
DIN	D×T	3A	D×T	SMS	D×T	ISO/IDF	D×T				
DN25	28×1.5	1"	25.4×1.65	25	25.4×1.5	ϕ25	25.4×1.5	325.0	114.0	76.0	95.0
DN32	34×1.5	1 1/4"	31.8×1.65	32	31.8×1.5	ϕ32	31.8×1.5	330.0	114.0	76.0	95.0
DN40	40×1.5	1 1/2"	38.1×1.65	38	38.1×1.5	ϕ38	38.1×1.5	330.0	114.0	76.0	95.0
DN50	52×1.5	2"	50.8×1.65	51	50.8×1.5	ϕ51	50.8×1.5	350.0	125.0	89.0	110.0
DN65	70×2	2 1/2"	63.5×1.65	63	63.5×2	ϕ63	63.5×2	405.0	138.0	102.0	125.0
DN80	85×2	3"	76.2×1.65	76	76.2×2	ϕ76	76.2×2	500.0	148.0	114.0	145.0
DN100	104×2	4"	101.6×2.1	102	101.6×2	ϕ102	101.6×2	600.0	178.0	140.0	165.0

Clamped Straight Strainer

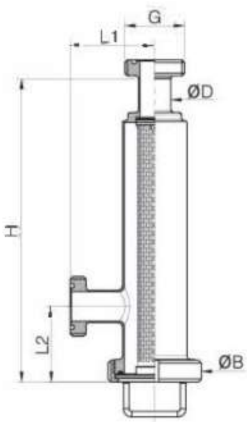
JN-ST 1005



Size								H	B	L1	L2
DIN	D×K	3A	D×K	SMS	D×K	ISO/IDF	D×K				
DN25	28×50.5	1"	25.4×50.5	25	25.4×50.5	ϕ25	25.4×50.5	360.0	114.0	95.0	95.0
DN32	34×50.5	1 1/4"	31.8×50.5	32	31.8×50.5	ϕ32	31.8×50.5	360.0	114.0	95.0	95.0
DN40	40×50.5	1 1/2"	38.1×50.5	38	38.1×50.5	ϕ38	38.1×50.5	360.0	114.0	95.0	95.0
DN50	52×64.0	2"	50.8×64.0	51	50.8×64.0	ϕ51	50.8×64.0	390.0	125.0	109.0	110.0
DN65	70×91.0	2 1/2"	63.5×77.5	63	63.5×77.5	ϕ63	63.5×77.5	455.0	138.0	125.0	125.0
DN80	85×106.0	3"	76.2×91.0	76	76.2×91.0	ϕ76	76.2×91.0	550.0	148.0	134.0	145.0
DN100	104×119.0	4"	101.6×119.0	102	101.6×119.0	ϕ102	101.6×119.0	654.0	178.0	160.0	165.0

Threaded Straight Strainer

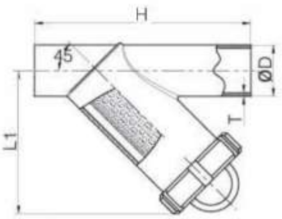
JN-ST 1006



Size						H	B	L1	L2
DIN	D	G	SMS	D	G				
DN25	28.0	RD52x1/6	25	25.4	RD40x1/6	360.0	114.0	95.0	95.0
DN32	34.0	RD58x1/6	32	31.8	RD48x1/6	360.0	114.0	95.0	95.0
DN40	40.0	RD65x1/6	38	38.1	RD60x1/6	360.0	114.0	95.0	95.0
DN50	52.0	RD78x1/6	61	50.8	RD70x1/6	390.0	125.0	109.0	110.0
DN65	70.0	RD95x1/6	63	63.5	RD85x1/6	455.0	138.0	125.0	125.0
DN80	85.0	RD110x1/4	76	76.2	RD98x1/6	550.0	148.0	134.0	145.0
DN100	104.0	RD130x1/4	102	101.6	RD 125x1/4	654.0	178.0	160.0	165.0

Welded Y-type Strainer

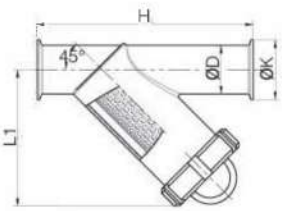
JN-ST 1007



Size								H	L1
DIN	D×T	3A	D×T	SMS	D×T	ISO/IDF	D×T		
DN25	28×1.5	1"	25.4×1.65	25	25.4×1.5	ϕ25	25.4×1.5	120.0	115.0
DN32	34×1.5	1 1/4"	31.8×1.65	32	31.8×1.5	ϕ32	31.8×1.5	150.0	140.0
DN40	40×1.5	1 1/2"	38.1×1.65	38	38.1×1.5	ϕ38	38.1×1.5	170.0	160.0
DN50	52×1.5	2"	50.8×1.65	51	50.8×1.5	ϕ51	50.8×1.5	190.0	182.0
DN65	70×2	2 1/2"	63.5×1.65	63	63.5×2	ϕ63	63.5×2	235.0	245.0
DN80	85×2	3"	76.2×1.65	76	76.2×2	ϕ76	76.2×2	280.0	285.0
DN100	104×2	4"	101.6×2.1	102	101.6×2	ϕ102	101.6×2	345.0	345.0

Clamped Y-type Strainer

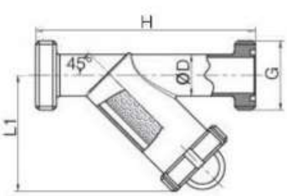
JN-ST 1008



Size								H	L1
DIN	D×K	3A	D×K	SMS	D×K	ISO/IDF	D×K		
DN25	28×50.5	1"	25.4×50.5	25	25.4×50.5	ϕ25	25.4×50.5	145.0	95.0
DN32	34×50.5	1 1/4"	31.8×50.5	32	31.8×50.5	ϕ32	31.8×50.5	165.0	110.0
DN40	40×50.5	1 1/2"	38.1×50.5	38	38.1×50.5	ϕ38	38.1×50.5	180.0	120.0
DN50	52×64.0	2"	50.8×64.0	51	50.8×64.0	ϕ51	50.8×64.0	220.0	140.0
DN65	70×91.0	2 1/2"	63.5×77.5	63	63.5×77.5	ϕ63	63.5×77.5	280.0	175.0
DN80	85×106.0	3"	76.2×91.0	76	76.2×91.0	ϕ76	76.2×91.0	350.0	195.0
DN100	104×119.0	4"	101.6×119.0	102	101.6×119.0	ϕ102	101.6×119.0	500.0	260.0

Threaded Y-type Strainer

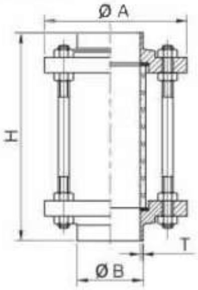
JN-ST 1009



Size						H	L1
DIN	D	G	SMS	D	G		
DN25	28.0	RD52x1/6	25	25.4	RD40x1/6	145.0	95.0
DN32	34.0	RD58x1/6	32	31.8	RD48x1/6	165.0	110.0
DN40	40.0	RD65x1/6	38	38.1	RD60x1/6	180.0	120.0
DN50	52.0	RD78x1/6	51	50.8	RD70x1/6	220.0	140.0
DN65	70.0	RD95x1/6	63	63.5	RD85x1/6	280.0	175.0
DN80	85.0	RD110x1/4	76	76.2	RD98x1/6	350.0	195.0
DN100	104.0	RD130x1/4	102	101.6	RD125x1/4	500.0	260.0

Welded Straight Sight Glass

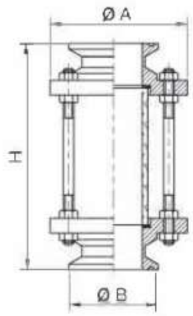
JN-SG 1001



Size	H	A	B	T
DN25	143.0	78.0	28.0	1.5
DN32	143.0	86.0	34.0	1.5
DN40	143.0	90.0	40.0	1.5
DN50	145.0	106.0	52.0	1.5
DN65	149.0	124.0	70.0	2.0
DN80	151.0	139.0	85.0	2.0
DN100	157.0	159.0	104.0	2.0

Clamped Straight Sight Glass

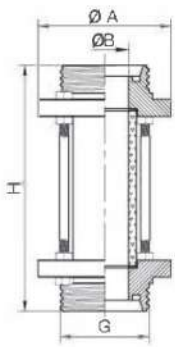
JN-SG 1002



Size	H	A	B
DN25	159.0	78.0	50.5
DN32	163.0	86.0	50.5
DN40	169.0	90.0	50.5
DN50	173.0	106.0	64.0
DN65	177.0	124.0	91.0
DN80	183.0	139.0	106.0
DN100	197.0	159.0	119.0

Threaded Straight Sight Glass

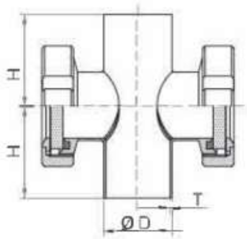
JN-SG 1003



Size	H	G	A	B
DN25	159.0	RD52X1/6	78.0	25.0
DN32	159.0	RD58X1/6	86.0	31.0
DN40	163.0	RD65X1/6	90.0	37.0
DN50	169.0	RD78X1/6	106.0	49.0
DN65	173.0	RD95X1/6	124.0	66.0
DN80	177.0	RD110X1/4	139.0	81.0
DN100	197.0	RD130X1/4	159.0	100.0

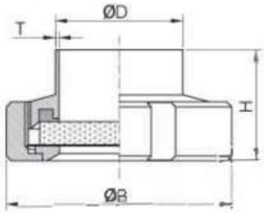
Cross Sight Glass

JN-SG 1004



Size	H	D	T
DN25	50.0	28.0	1.5
DN32	55.0	34.0	1.5
DN40	60.0	40.0	1.5
DN50	70.0	52.0	1.5
DN65	80.0	70.0	2.0
DN80	90.0	85.0	2.0
DN100	100.0	104.0	2.0

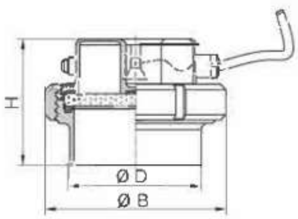
活接视镜



Union Type Sight Glass

JN-SG 1005

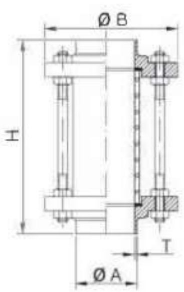
Size	H	B	D	T
DN25	35.0	63.0	28.0	1.5
DN32	38.0	70.0	34.0	1.5
DN40	40.0	78.0	40.0	1.5
DN50	42.0	92.0	52.0	1.5
DN65	47.0	112.0	70.0	2.0
DN80	52.0	127.0	85.0	2.0
DN100	62.0	148.0	104.0	2.0



Light Indicator Sight Glass

JN-SG 1006

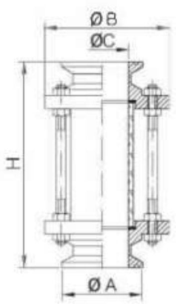
Size	H	B	D
DN80	90.0	127.0	87.0
DN100	100.0	148.0	106.0
DN125	90.0	178.0	132.0
DN150	96.0	210.0	157.0



Welded Straight Sight Glass

JN-SG 1007

Size	H	A	B
1"	143.0	25.4	78.0
1 1/4"	143.0	31.8	78.0
1 1/2"	143.0	38.1	86.0
2"	145.0	50.8	100.0
2 1/2"	149.0	63.5	115.0
3"	149.0	76.2	128.0
4"	157.0	101.6	154.0



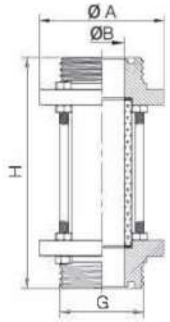
Clamped Straight Sight Glass

JN-SG 1008

Size	H	A	B	C
1"	159.0	50.5	78.0	22.1
1 1/4"	163.0	50.5	78.0	28.5
1 1/2"	163.0	50.5	86.0	34.8
2"	169.0	64.0	100.0	47.5
2 1/2"	173.0	77.5	115.0	60.2
3"	177.0	91.0	128.0	72.9
4"	199.0	119.0	154.0	97.4

Threaded Straight Sight Glass

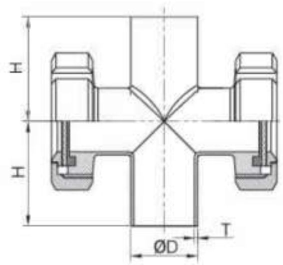
JN-SG 1009



Size	H	G	A	B
25	159.0	RD40X1/6	78.0	22.4
32	159.0	RD48X1/6	78.0	28.8
38	163.0	RD60X1/6	86.0	34.8
51	169.0	RD70X1/6	100.0	47.8
63	173.0	RD85X1/6	115.0	59.5
76	177.0	RD98X1/6	128.0	72.2
89	183.0	RD110X1/6	139.0	85
102	197.0	RD125X1/4	154.0	97.6

Cross Sight Glass

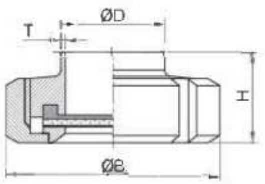
JN-SG 1010



Size	H	D	T
25	50.0	25.4	1.5
32	60.0	31.8	1.5
38	70.0	38.1	1.5
51	82.0	50.8	1.5
63	105.0	63.5	2.0
76	110.0	76.2	2.0
102	150.0	101.6	2.0

Union Type Sight Glass

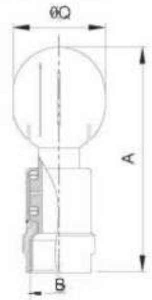
JN-SG 1011



Size	H	B	D	T
25	25.0	51.0	25.4	1.5
32	25.0	60.0	31.8	1.5
38	28.0	74.0	38.1	1.5
51	28.0	84.0	50.8	1.5
63	32.0	100.0	63.5	2.0
76	33.0	114.0	76.2	2.0
89	34.0	125.0	89.0	2.0
102	36.0	138.0	101.6	2.0

Female Rotary Cleaning Ball

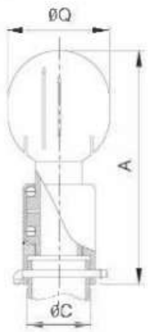
JN-CB 1007



Size		A	Q	B
DN 15	1/2"	110.0	40.0	G 1/2
DN20	3/4"	138.0	53.0	G 3/4
DN25	1"	140.0	53.0	G 1
DN32	1 1/4"	160.0	53.0	G 1 1/4
DN40	1 1/2"	170.0	53.0	G 1 1/2
DN50	2"	192.0	76.0	G 2
DN65	2 1/2"	220.0	76.0	G 2 1/2

Bolted Rotary Cleaning Ball

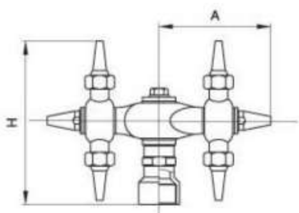
JN-CB 1008



Size								A	Q
DIN	ϕC	3A	ϕC	SMS	ϕC	ISO	ϕC		
DN 15	18.0	1/2"	12.7	12.7	12.7	ϕ 12.7	12.7	110.0	40.0
DN20	22.0	3/4"	19.05	19	19.05	ϕ 19	19.1	137.0	53.0
DN25	28.0	1"	25.4	25	25.4	ϕ 25	25.4	135.0	53.0
DN32	34.0	1 1/4"	31.8	32	31.8	ϕ 32	31.8	137.0	40.0
DN40	40.0	1 1/2"	38.1	38	38.1	ϕ 38	38.1	150.0	53.0
DN50	52.0	2"	50.8	51	50.8	ϕ 51	50.8	168.0	53.0
DN65	70.0	2 1/2"	63.5	63	63.5	ϕ 63	63.5	190.0	76.0

Threaded Rotary cleaning ball

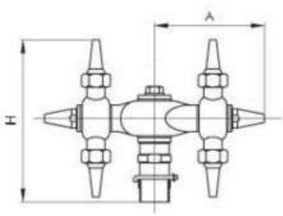
JN-CB 1009



Size	A	H	Pressure (bar)	Cleaning radius (m)	Fluxation m^3/h
1"	118.0	165.0	1.5-2.0	2.0-3.0	23
1 1/2"	142.0	189.0	1.8-2.5	3.5-3.0	38
2"	145.0	191.0	2.5-3.0	3.5-4.0	60

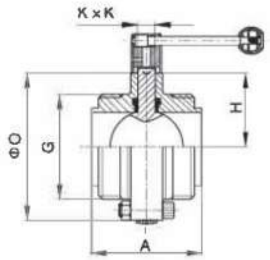
Bolted Rotary cleaning ball

JN-CB 1010



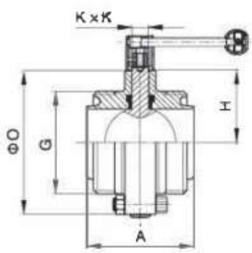
Size	A	H	Pressure (bar)	Cleaning radius (m)	Fluxation m^3/h
1"	118.0	175.0	1.5-2.0	2.0-3.0	23
1 1/2"	142.0	200.0	1.8-2.5	3.5-3.0	38
2"	145.0	205.0	2.5-3.0	3.5-4.0	60

Threaded Butterfly Valve — ISO/IDF JN-BV 1010



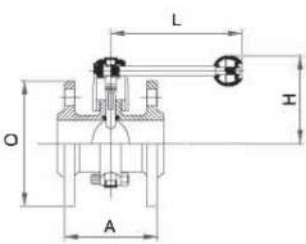
Size	O	B	KXK	A	H
1"	78.0	37.1×8TACME	8.0×8.0	66.0	39.0
1 1/2"	88.0	50.6×8TACME	8.0×8.0	70.0	43.0
2"	100.0	64.2×8TACME	10.0×10.0	76.0	51.0
2 1/2"	117.0	77.7×8TACME	10.0×10.0	80.0	57.5
3"	129.0	91.2×8TACME	10.0×10.0	84.0	64.0
4"	160.0	118.4×8TACME	11.0×11.0	104.0	77.0
4"	160.0	125.9×6TACME	11.0×11.0	104.0	77.0

Threaded Butterfly Valve — RJT JN-BV 1011



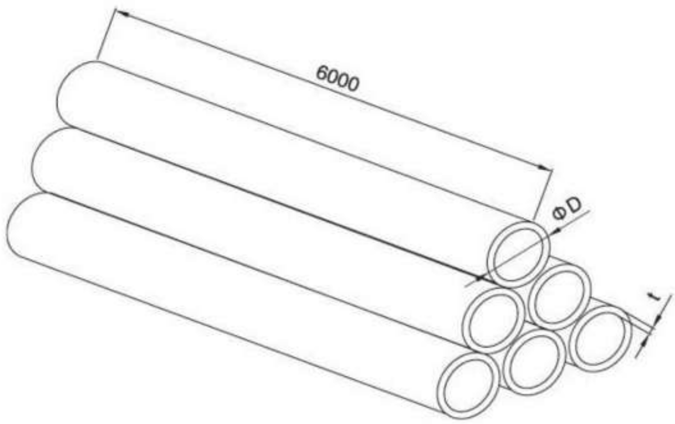
Size	O	D	KXK	A	H
1"	78.0	45.7×8TWHIT	8.2×8.2	68.0	39.0
1 1/2"	88.0	58.4×8TWHIT	8.2×8.2	68.0	44.0
2"	100.0	72.7×6TWHIT	8.2×8.2	76.0	50.0
2 1/2"	117.0	85.4×6TWHIT	10.0×10.0	80.0	58.5
3"	129.0	98.1×6TWHIT	10.0×10.0	80.0	64.5
4"	160.0	123.8×6TWHIT	10.0×10.0	90.0	80.0
6"	225.0	174.3×6TWHIT	12.0×12.0	90.0	112.5

Both Flange Butterfly Valve — DIN JN-BV 1012



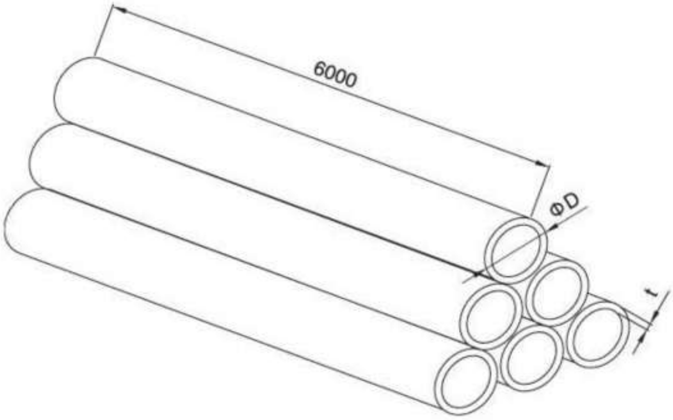
Size	A	O	H	L
DN25	100.0	115.0	80.0	120.0
DN32	100.0	135.0	80.0	120.0
DN40	100.0	145.0	86.0	120.0
DN50	102.0	160.0	106.0	120.0
DN65	106.0	180.0	115.0	150.0
DN80	108.0	195.0	122.0	150.0
DN100	114.0	215.0	132.0	170.0
DN125	140.0	245.0	147.0	210.0
DN150	160.0	280.0	162.0	210.0

Stainless steel pipe series



ISO 2037			SMS			3A			IDF		
Size	D	t	Size	t	t	Size	D	t	Size	D	t
19	19.0	1.5	25	1.25	1.5	1/2 "	12.7	1.65	1.0 "	25.4	1.5
25	25.4	1.5	32	1.25	1.5	3/4 "	19.1	1.65	1 1/4 "	32.0	1.5
32	32.0	1.5	38	1.25	1.5	1.0 "	25.4	1.65	1 1/2 "	38.1	1.5
38	38.1	1.5	51	1.25	1.5	1.5 "	38.1	1.65	2.0 "	50.8	1.5
45	45.0	2.0	63	1.50	2.0	2.0 "	50.8	1.65	2 1/2 "	63.5	2.0
48	48.0	1.5	76	1.60	2.0	2.5 "	63.5	1.65	3.0 "	76.2	2.0
51	50.8	1.5	89	2.0	2.0	3.0 "	76.2	1.65	3 1/2 "	89.0	2.0
57	57.0	2.0	101.6	2.0	2.0	4.0 "	101.6	2.10	4.0 "	101.6	2.0
63	63.5	2.0				6.0 "	152.4	2.80	4 1/4 "	108.0	2.0
76	76.2	2.0				8.0 "	203.2	2.80			
80	85.0	2.0				10.0 "	254.0	3.40			
89	89.0	2.0				12.0 "	305.0	3.40			
102	101.6	2.0									
108	108.0	2.0									
133	133.0	3.0									
159	159.0	3.0									
219	219.0	4.0									

Stainless steel pipe series



DIN11850/11851					BS4825			ISO1127		
Size	D*t	D*t	D*t	D*t	Size	t	t	Size	OD	ID
DN10	12*1.0	13*1.5	14*1.5	12*1.5	12.7	1.2	1.2	26.9	26.9	23.7
DN15	18*1.0	19*1.5	20*1.5	18*1.5	15.88	1.2	1.2	33.7	33.7	29.7
DN20	22*1.0	23*1.5	24*1.5	22*1.5	19.05	1.2	1.2	42.4	42.4	38.4
DN25	28*1.0	29*1.5	30*1.5	28*1.5	25.4	1.2	1.6	48.3	48.3	44.3
DN32	34*1.0	35*1.5	36*1.5	34*1.5	38.1	1.2	1.6	60.3	60.3	56.3
DN40	40*1.0	41*1.5	42*2.0	40*1.5	50.8	1.2	1.6	76.2	76.2	72.2
DN50	52*1.0	53*1.5	54*2.0	52*1.5	63.5	1.6	1.6	88.9	88.9	84.9
DN65	70*2.0	70*2.0	70*2.0	70*2.0	76.2	1.6	1.6	114.3	114.3	110.0
DN80	85*2.0	85*2.0	85*2.0	85*2.0	101.6	2.0	2.0	139.7	139.7	135.7
DN100	104*2.0	104*2.0	104*2.0	104*2.0	114.3	2.0	2.0	168.3	168.3	161.5
DN125	129*2.0	129*2.0	129*2.0	129*2.0	139.7	2.0	2.0	219.1	219.1	213.9
DN150	154*2.0	154*2.0	154*2.0	154*2.0	168.3	2.6	2.6			
	Series 1	Series 2	Series 3	Recommended series	219.1	2.6	2.6			

JIS G3447											
Size	D	t	Size	t	t	Size	D	t	Size	D	t
1.0 "	25.4	1.2									
1.25 "	31.8	1.2									
1.5 "	38.1	1.2									
2.0 "	50.8	1.5									
2.5 "	63.5	2.0									
3.0 "	76.2	2.0									
3.5 "	88.9	2.0									
4.0 "	101.6	2.0									
4.5 "	114.3	3.0									
5.5 "	139.7	3.0									
6.5 "	165.1	3.0									

Stainless Steel Standards of Different Countries

中 国	欧 盟	美 国	美 国	英 国	德 国	日 本
GB (China)	EN (Europa)	AISI (U.S.A)	ASTM (U.S.A)	BSI (U.K)	DIN (Germany)	JIS (Japan)
0Cr18Ni9 (06Cr19Ni10)	X5CrNi18-10	304	TP304	304 S 15 304 S 16	1.4301	SUS304
00Cr19Ni10 (022Cr19Ni10)	X2 CrNi19-11	304L	TP304L	304 S 11	1.4306	SUS304L
0Cr17Ni12Mo2 (06Cr17Ni12Mo2)	X5CrNiMo17-2-2	316	TP316	316 S 31	1.4401	SUS316
00Cr17Ni14Mo2 (022Cr17Ni12Mo2)	X2CrNiMo17-2-2	316L	TP316L	316 S 11	1.4404	SUS316L

Chemical Composition and Mechanics Property

	钢种	碳 ≤	硅 ≤	锰 ≤	磷 ≤	硫 ≤	铬	钼	镍	力学性能			
		C	Si	Mn	P	S	Cr	Mo	Ni	屈服强度 σ.2(Mpa)≥	抗拉强度 σb(Mpa)≥	延伸率 δ5%	硬度HB≤
中国 (GB)	304	0.07	1.0	2.0	0.035	0.030	18.0-20.0	/	8.0-11	205	520	40	187
	304L	0.03	1.0	2.0	0.035	0.030	18.0-20.0	/	8.0-12	177	480	40	187
	316	0.08	1.0	2.0	0.035	0.030	16.0-18.5	2.0-3.0	10-14	205	520	40	187
	316L	0.03	1.0	2.0	0.035	0.030	16.0-18.0	2.0-3.0	12-15	177	480	40	187

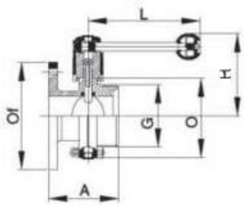
	钢种	碳 ≤	硅 ≤	锰 ≤	磷 ≤	硫 ≤	铬	钼	镍	力学性能			
		C	Si	Mn	P	S	Cr	Mo	Ni	屈服强度 σ.2(Mpa)≥	抗拉强度 σb(Mpa)≥	延伸率 δ5%	硬度HB≤
美国 (ASTM)	TP304	0.08	0.75	2.0	0.040	0.030	18.0-20.0	/	8.0-11	205	515	35	187
	TP304L	0.035	0.75	2.0	0.040	0.030	18.0-20.0	/	8.0-13	170	485	35	187
	TP316	0.08	0.75	2.0	0.040	0.030	16.0-18.0	2.0-2.5	10-14	205	515	35	187
	TP316L	0.035	0.75	2.0	0.040	0.030	16.0-18.0	2.0-2.5	12-15	170	485	35	187

	钢种	碳 ≤	硅 ≤	锰 ≤	磷 ≤	硫 ≤	铬	钼	镍	力学性能			
		C	Si	Mn	P	S	Cr	Mo	Ni	屈服强度 σ.2(Mpa)≥	抗拉强度 σb(Mpa)≥	延伸率 δ5%	硬度HB≤
日本 (JIS)	304	0.08	1.0	2.0	0.040	0.030	18.0-20.0	/	8.0-11	206	520	35	187
	304L	0.03	1.0	2.0	0.040	0.030	18.0-20.0	/	9.0-13	177	481	35	187
	316	0.08	1.0	2.0	0.040	0.030	16.0-18.0	2.0-3.0	10-14	206	520	35	187
	316L	0.03	1.0	2.0	0.040	0.030	16.0-18.0	2.0-3.0	12-16	177	481	35	187

	钢种	碳 ≤	硅 ≤	锰 ≤	磷 ≤	硫 ≤	铬	钼	镍	力学性能			
美国 (AISI) 英国 (BSI)		C	Si	Mn	P	S	Cr	Mo	Ni	屈服强度 σ.2(Mpa)≥	抗拉强度 σb(Mpa)≥	延伸率 δ5%	硬度HB≤
德国 (DIN)	304	0.07	1.0	2.0	0.045	0.015	17.0-18.0	/	8.0-10	205	520	40	187
欧盟 (EN)	304L	0.03	1.0	2.0	0.045	0.015	17.0-18.0	/	8.0-10	180	480	40	187
	316	0.08	1.0	2.0	0.045	0.015	16.5-18.0	2.0-2.5	10-13	205	520	40	187
	316L	0.03	1.0	2.0	0.045	0.015	16.5-18.0	2.0-2.5	10-13	180	480	40	187

Square-Flanged/ Threaded Butterfly Valve

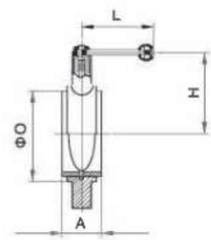
DIN JN-BV 1013



Size	O	G	Of	A	H	L
DN15	78.0	RD34×1/8	100×100	76	85.0	126.0
DN20	78.0	RD44×1/6	100×100	76	85.0	126.0
DN25	78.0	RD52×1/6	100×100	76	85.0	126.0
DN32	86.0	RD58×1/6	100×100	80	88.0	126.0
DN40	95.0	RD65×1/6	100×100	84	90.0	126.0
DN50	108.0	RD78×1/6	100×100	86	101.0	133.0

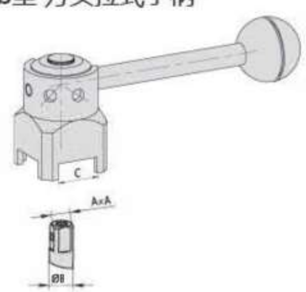
Wafer Butterfly Valve

DIN JN-BV 1014



Size	A	O	L	H
DN40	38.0	85.0	120.0	122.0
DN50	39.0	95.0	120.0	127.0
DN65	42.0	107.0	120.0	133.0
DN80	43.0	125.0	120.0	142.0
DN100	46.0	156.0	150.0	158.0
DN125	48.0	180.0	150.0	160.0
DN150	65.0	205.0	170.0	180.0
DN200	60.0	252.0	210.0	195.0

Wb型 方头拉式手柄

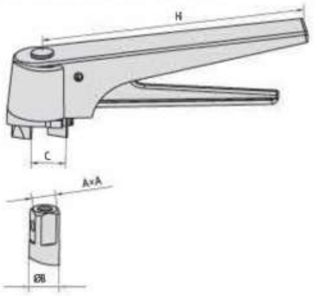


Wb type Square Pull Handle

DIN JN-BV 1015

SIZE		A	B	C	H
DN25-DN50	1.0"-2.5"	8*8	9.8	22	140
DN65	3"	10*10	13	24	140
DN80-DN100	4.0"	10*10	13	26	155
DN125-DN150	5.0"-6.0"	12*12	15.0	30	190

Adjusting:2 position、3 position、4 position used for butterfly valve

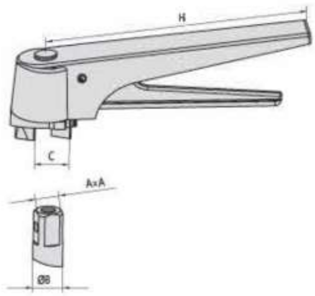


Wd type Stainless Steel Multi-position Handle

JN-BV 1016

SIZE		A*A	B	C	H
DN25-DN50	1.0"-2.5"	8*8	9.8	22	155
DN65	3"	10*10	13	24	155
DN80-DN100	4.0"	10*10	13	26	155

Adjusting:adjustment 15° , 13 position used for butterfly valve



We type Plastic Multi-position Hanlde

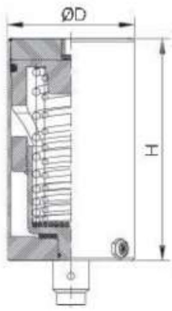
JN-BV 1017

SIZE		A	B	C	H
DN25-DN50	1.0"-2.5"	8*8	9.8	22	155
DN65	3"	10*10	13	24	165
DN80-DN100	4.0"	10*10	13	26	165

Adjusting:adjustment 15° , 13 position used for butterfly valve

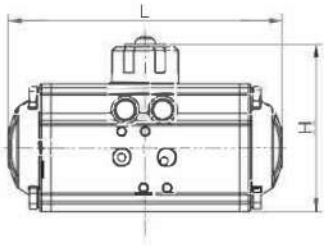
Stainless Steel Pneumatic Actuator

JN-BV 1018



Three types of pneumatic device:cosed.opened and closed by two air flues separately. Control set:can match with feedback device、solenoid valve etc,with help to connet with the automatic systerm sdn remote control systerm.

Size	D	H	可配蝶阀 match with butterfly valve		可配蝶式球阀 match with butterfly-typeball valve	
85	85.0	150.0	1"-2.5"	DN20-DN65	1"-1.5"	DN20-DN40
108	108.0	180.5	3"-4"	DN80-DN100	2"-2.5"	DN50-DN65
133	133.0	250.0	5"-10"	DN125-DN150	3"-4"	DN80-DN100

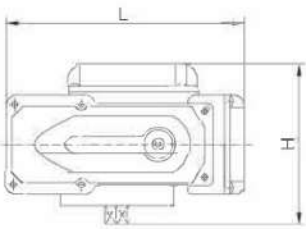


Aluminium pneumatic actuator

JN-BV 1019

Three types of pneumatic dev ce:closed,opened and closed by two air flues separately.
Control set:can match w th feedback device, solenoid valve etc,w th hep to connet with the automatic systerm sdh remote control systerm.

Size	L	H	match with butterfly valve		match with butterfly-typeball valve	
ZT050D	140	89	1"-1.25"	DN20-DN32	0.75"-1"	DN15-DN25
ZT063D	159	105	1.5"-2.5"	DN40-DN65	1.5"-2"	DN32-DN50
ZT075D	210	122	3"-3.5"	DN80	2.5"-3"	DN65-DN80
ZT088D	248	135	4"-5"	DN100-DN125	3"-4"	DN80-DN100
ZT100D	270	147	5"	DN125	4"	DN100
ZT115D	315	165	6"	DN150		



Motor-driven Actuator

JN-BV 1020

Electr c:on-off indicator light,passive contact signal,intel igent control,1k 5k potentiometer

Size	L	H	H1	match with butterfly valve		match with butterfly-type ball valve	
HL-05	157.5	115.0	103.0	1"-4"	DN20-DN100	1"-2"	DN15-DN25
HL-10	208.0	124.0	115.0	5"-8"	DN125-DN200	2 1/2"-3"	DN32-DN50
HL-20	280.0	135.0	109.0			4"	DN100

Operating principle

The valve opens when the pressure of the fluid exceeds the pressure exerted by the pump spring. When the two pressures are equalised, the valve closes. A stronger counter-pressure allows the valve to close.

Materials

Construction/shaftAISI304 AISI 316L

Spring AISI 301

Seal EPDM according to FDA 177.2600

Surface finishing Ra≤0.8μ m

Options

Seals in NBR, FPM (Viton) or PTFE. All of them according to FDA 177.2600

Connections: weld, thread, clamp, DIN, SMS, RJT, IDF, ISO,3A

Technical specifications

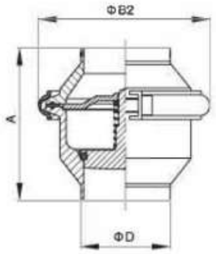
Max. pressure 10 bar

Opening pressure: 0.3 bar (DN 25)

0.2 bar (DN 32/40)

0.1 bar (DN 50/100)

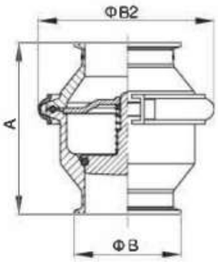
Working temperature -10℃ to +120℃ (EPDM)



Welded check valve

DIN JN-NRV 1001

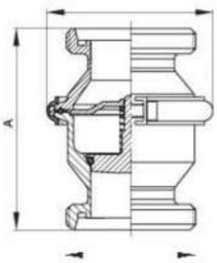
Size	B2	D	A
DN15	87.0	19	75.0
DN20	87.0	23	75.0
DN25	87.0	29	75.0
DN32	87.0	35	75.0
DN40	87.0	41	75.0
DN50	100.0	53	80.0
DN65	130.0	70.0	110.0
DN80	155.0	85.0	115.0
DN100	165.0	104.0	120.0



Clamped check valve

DIN JN-NRV 1002

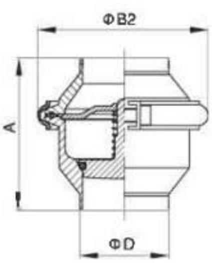
Size	B2	D	A
DN15	87.0	50.5	105.0
DN20	87.0	50.5	105.0
DN25	87.0	50.5	105.0
DN32	87.0	50.5	105.0
DN40	87.0	50.5	105.0
DN50	100.0	64.0	110.0
DN65	130.0	91.0	145.0
DN80	155.0	106.0	150.0
DN100	165.0	119.0	155.0



Threaded check valve

DIN JN-NRV 1003

Size	B2	D	A
DN15	87.0	RD34 × 1/8	111.0
DN20	87.0	RD44 × 1/6	115.0
DN25	87.0	RD52 × 1/6	117.0
DN32	87.0	RD58 × 1/6	117.0
DN40	87.0	RD65 × 1/6	117.0
DN50	100.0	RD78 × 1/6	122.0
DN65	130.0	RD95 × 1/6	156.0
DN80	155.0	RD110 × 1/4	167.0
DN100	165.0	RD130 × 1/4	176.0



Welded check valve

SMS JN-NRV 1004

Size	B2	D	A
19	87.0	19.1	75
25	87.0	25.4	80
32	87.0	31.8	80
38	87.0	38.1	80
51	100.0	50.8	90
63	115.0	63.5	102
76	130.0	76.2	102
89	155.0	89.0	115.0
102	165.0	101.6	120.0

Applications

Diaphragm valves, manually or pneumatically operated, are specifically designed for use on hygien c and aseptic processes in the pharmaceutical industries.

The valve is excel ent for flow control as well as for open/close duties.

Operating Principles

The diaphragm provides the body seal as well as the seat seal. There are no paths to the outside environment and as such the valve is suitable for aseptic processes.

As the valve is closed a pressure pad which supports the diaphragm moves towards the sealing face on the body. As the pressure plate moves the diaphragm flexes and is forced down onto the seat area in the centre of the body thus closing off the flow path through the body.

The inter-relationship of body to the pressure plate prevents over compression of the diaphragm.

The valve can be actuated either manual y or pneumatically and controlled by control tops and solenoid valves.

Technical specifications

Max. pressure: 10 BAR(145PSI)

Working temperature: -10℃ to +120℃

(EPDM) -14 ° F to 248 ° F

(+140 ℃ (SIP, max. 30 min) 284 ° F)

EPDM Silicon
Viton PTFE+EPDM

Design and features

The diaphragm valves are better in feature of flow in comparison with other valves. It is easier to clean up and better to process the substance with particles. The phenomenon of air pocket is rare dur ng application of flow control.

Mini diaphragm valve available size: 1/4", 3/8", 1/2", 3/4"

Diaphragm valve available size: 1", $1_{1/4}$", $1_{1/2}$", 2", 2.5", 3", 4"

Suitable for CIP/SIP.

Parts in contact with the product: AISI 316L,

Other stainless steel parts: AISI 304,

Internal surface finish bright, Ra ≤ 0.5 μm

External surface finish satin/bright

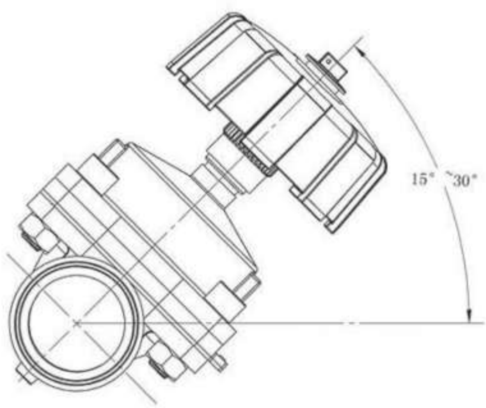
Connect ons(standard): clamp, weld, thread, DIN SMS IDF ISO 3A BPE

Body construction: Straight, Three ways, U type

Diaphragms in EPDM, SILICON, EPDM+PTFE, al of them according to FDA 177.2600

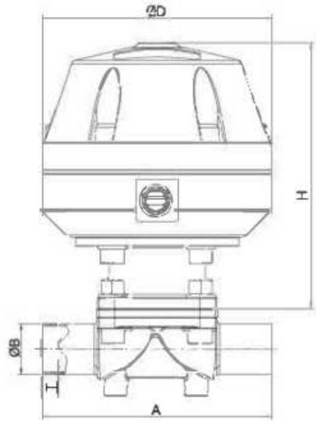
Optimal Installation Angle Diagram

According to the structure feature,fifteen thirty degree is optimal,which makes for complete drain after er cleaning and keep no reside.



Sanitary Pneumatic Welded Diaphragm Valve

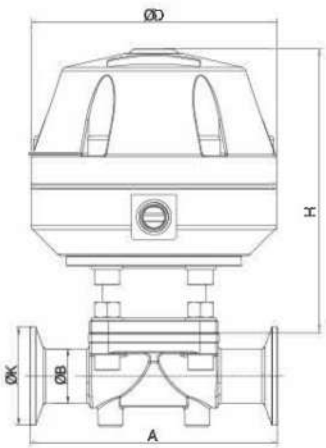
No.JN-DV1005



Size				A	D	H
DIN	3A	SMS	ISO			
DN20 B×T 22×1.5	3/4" B×T 19.1×1.65	19 B×T 19.1×1.5	Φ19 B×T 19.1×1.5	108.0	126.0	146.2
DN25 B×T 28×1.5	1" B×T 25.4×1.65	25 B×T 25.4×1.5	Φ25 B×T 25.4×1.5	118.0	126.0	146.2
DN32 B×T 34×1.5	1 1/4" B×T 31.8×1.65	32 B×T 31.8×1.5	Φ32 B×T 31.8×1.5	127.0	126.0	146.2
DN40 B×T 40×1.5	1 1/2" B×T 38.1×1.65	38 B×T 38.1×1.5	Φ38 B×T 38.1×1.5	146.0	126.0	146.2
DN50 B×T 52×1.5	2" B×T 50.8×1.65	51 B×T 50.8×1.5	Φ51 B×T 50.8×1.5	190.0	126.0	146.2
DN65 B×T 70×2	2 1/2" B×T 63.5×1.65	63 B×T 63.5×2	Φ63 B×T 63.5×2	216.0	126.0	146.2

Sanitary Pneumatic Clamped Diaphragm Valve

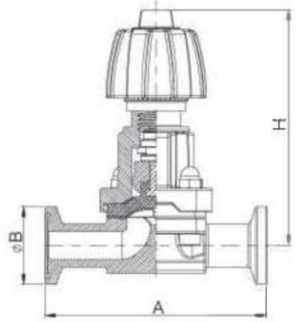
No.JN-DV1006



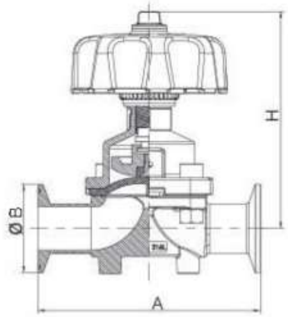
Size				A	D	H
DIN	3A	SMS	ISO			
DN20 B 22 K 50.5	3/4" B 19.1 K 25.4	19 B 19.1 K 25.4	Φ19 B 19.1 K 25.4	108.0	126.0	146.2
DN25 B 28 K 50.5	1" B 25.4 K 50.5	25 B 25.4 K 50.5	Φ25 B 25.4 K 50.5	118.0	126.0	146.2
DN32 B 34 K 50.5	1 1/4" B 31.8 K 50.5	32 B 31.8 K 50.5	Φ32 B 31.8 K 50.5	127.0	126.0	146.2
DN40 B 40 K 50.5	1 1/2" B 38.1 K 50.5	38 B 38.1 K 50.5	Φ38 B 38.1 K 50.5	146.0	126.0	146.2
DN50 B 52 K 64.0	2" B 50.8 K 64.0	51 B 50.8 K 64.0	Φ51 B 50.8 K 64.0	190.0	126.0	146.2
DN65 B 70 K 91.0	2 1/2" B 63.5 K 77.5	63 B 63.5 K 77.5	Φ63 B 63.5 K 77.5	216.0	126.0	146.2

Clamp Manual Diaphragm Valve

No.JN-DV1007



DN6-DN10

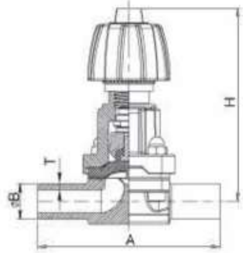


DN15-DN50

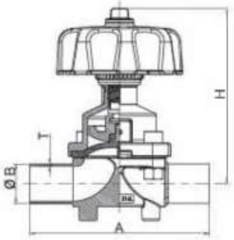
Size		A	B	H
DN6	1/4"	72.0	34	74.5/79.5
DN8	3/8"	72.0	34	74.5/79.5
DN10	1/2"	72.0	34	74.5/79.5
DN15	3/4"	108.0	34	90.5/99.5
DN20		118.0	50.5	111.5/122
DN25	1"	127.0	50.5	111.5/122
DN32	1 1/4"	146.0	50.5	131.0/148.5
DN40	1 1/2"	160.0	50.5	131.0/148.5
DN50	2"	190.0	64	160.5/187
DN65	21/2"	216.0	91	199/228

Welded Manual Diaphragm Valve (RGA)

No.JN-DV1008



DN6-DN10



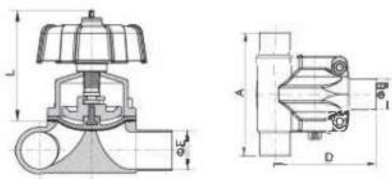
DN15-DN50

Size		A	B	H	T
DN6	1/4"	72.0	6.0	74.5/79.5	1.0
DN8	3/8"	72.0	8.0	74.5/79.5	1.0
DN10	1/2"	72.0	12.0	74.5/79.5	1.5
DN15	3/4"	108.0	18.0	90.5/99.5	1.5
DN20		118.0	22.0	111.5/122	1.5
DN25	1"	127.0	28.0	111.5/122	1.5
DN32	11/4"	146.0	34.0	131.0/148.5	1.5
DN40	11/2"	160.0	40.0	131.0/148.5	1.5
DN50	2"	190.0	52.0	160.5/187	1.5
DN65	2 1/2"	216.0	70.0	199/228	2.0

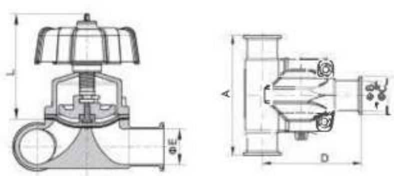
Three-way Diaphragm Valve

No.JN-DV1009

Welded Type



Clamp Type

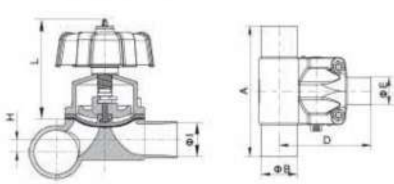


Size		A	B	C	D	E	L
DN20	3/4"	118	22	50.5	81	19	93/103.5
DN25	1"	127	28	50.5	101.5	25	93/103.5
DN32	11/4"	146	34	50.5	123	31	107/124.5
DN40	11/2"	160	40	50.5	132	37	107/124.5
DN50	2"	190	52	64	157	49	129/151.5

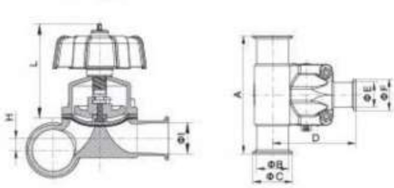
Slanting Three-way Diaphragm Valve

No.JN-DV1010

Welded Type



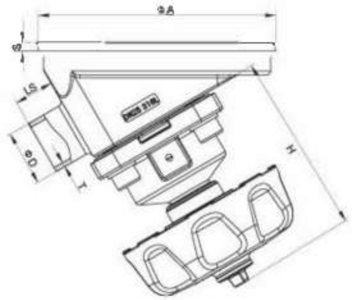
Clamp Type



Size	A	B	C	D	E	F	I	H	L
DN20/25	127	28	50.5	83	22	50.5	19	5.5	93/103.5
DN20/32	146	34	50.5	85	22	50.5	19	8	93/103.5
DN20/40	160	40	50.5	87	22	50.5	19	10.5	93/103.5
DN20/50	190	52	64	105	22	50.5	19	14.5	93/103.5
DN25/32	146	34	50.5	103.5	28	50.5	25	6.5	93/103.5
DN25/40	160	40	50.5	105.5	28	50.5	25	8.5	93/103.5
DN25/50	190	52	64	109.5	28	50.5	25	14.5	93/103.5
DN32/40	160	40	50.5	125	34	50.5	31	6	107/124.5
DN32/50	190	52	64	127	34	50.5	31	13	107/124.5
DN40/50	190	52	64	134	40	50.5	37	13	107/124.5

Manual Tank Bottom Diaphragm Valve

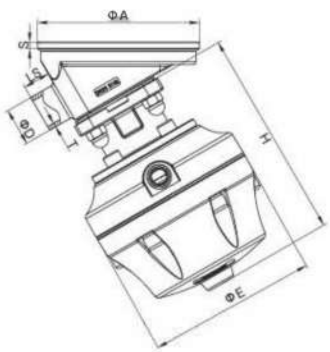
No.JN-DV1011



Size		A	S	LS	H	D	T
DN10	1/2"	90	6	16	76.5/85.5	12	1.5
DN15	3/4"	90	6	16	76.5/85.5	18	1.5
DN20		90	6	16	93/103.5	22	1.5
DN25	1"	120	6	20	93/103.5	28	1.5
DN32	1 1/4"	160	6	20	107/124.5	34	1.5
DN40	1 1/2"	160	6	20	107/124.5	40	1.5
DN50	2"	200	6	30	129/151.5	52	1.5

Pneumatic Tank Bottom Diaphragm Valve

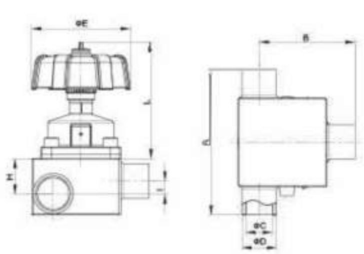
No.JN-DV1012



Size		A	S	LS	H	E	D	T
DN10	1/2"	90	6	16	125	90	12	1.5
DN15	3/4"	90	6	16	125	90	18	1.5
DN20		90	6	16	125	90	22	1.5
DN25	1"	120	6	20	160	126	28	1.5
DN32	11/4"	160	6	20	190	150	34	1.5
DN40	11/2"	160	6	20	190	150	40	1.5
DN50	2"	200	6	30	190	150	52	1.5

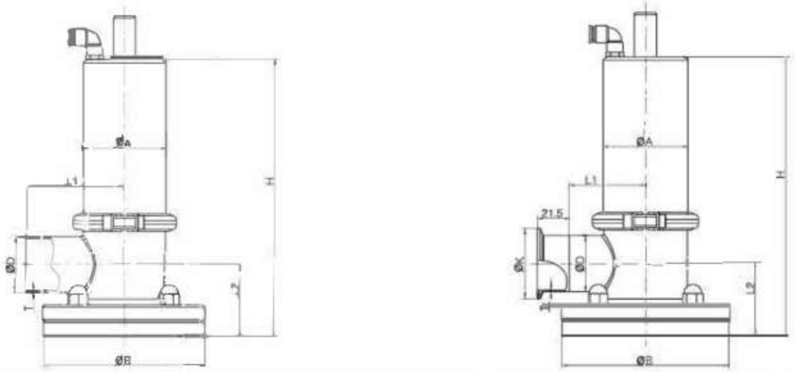
Forge Three-way Diaphragm Valve

No.JN-DV1013



Size		A	B	C	D	E	L	H	I
DN15	3/4"	108	66	18	15	65	76.5/85.5	25	10
DN20		118	75	19	22	65	76.5/85.5	25	10
DN25	1"	127	82	25	28	89	93/103.5	28	10
DN32	11/4"	146	98.5	31	34	109	107/124.5	36	11
DN40	11/2"	160	105.5	37	40	109	107/124.5	39	14
DN50	2"	190	123	49	52	139	129/151.5	46.5	12
DN65	2 1/2"	216	129.5	67	70	200	140/168	55	10

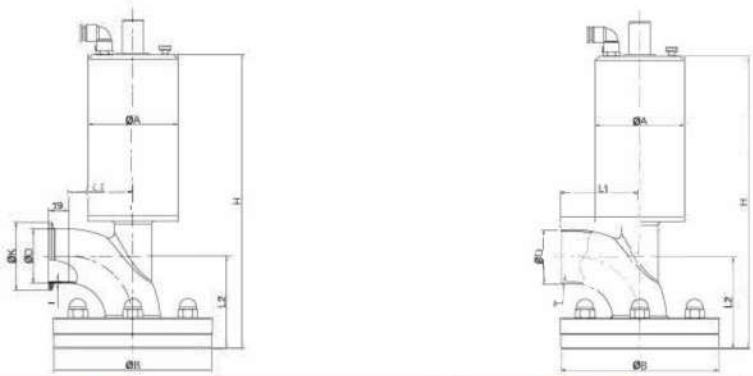
Pneumatic Tank Bottom Valve



DIN-JN-DV1014

Size				H	L1	L2	A	B	K
DIN	3A	SMS	ISO						
DN40 D×T 40×1.5	1 1/2" D×T 38.1×1.65	38 D×T 38.1×1.5	Φ38 D×T 38.1×1.5	254.0	75.5	63.5	76.0	150.0	64.0
DN50 D×T 52×1.5	2" D×T 50.8×1.65	61 D×T 50.8×1.5	Φ51 D×T 50.8×1.5	254.0	75.5	66.0	76.0	150.0	64.0

Pneumatic Tank Bottom Valve



DIN-JN-DV1015

Size				H	L1	L2	A	B	K
DIN	3A	SMS	ISO						
DN40 D×T 40×1.5	1 1/2" D×T 38.1×1.65	38 D×T 38.1×1.5	Φ38 D×T 38.1×1.5	277.0	60.5	81.0	85.0	149.5	64.0
DN50 D×T 52×1.5	2" D×T 50.8×1.65	51 D×T 50.8×1.5	Φ61 D×T 50.8×1.5	277.0	60.5	87.0	85.0	149.5	64.0

Application:

This type of bal va ve series is a kind of sanitary valve which used to control the material transfer. It is widely used in food, beverage processing, pharmaceutical and chemical industry area.

Design standard: ISO5211

ISO 2037-92

Test and inspection standards: GB/T13927-2008

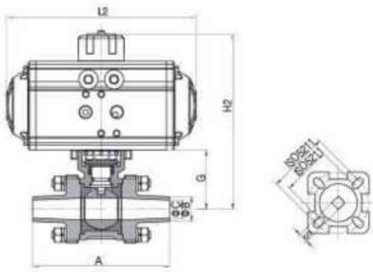
1. valve stem anti-flying design
2. the connect on between va ve body and bonnet w th positioning stage design
3. circulation
4. no retention design
5. stem seal packng with compensating devce
6. padlock device

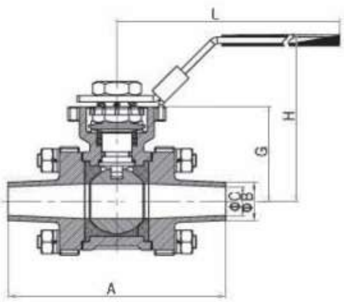
Working Principle:

With the 90° rotary handle, drive the precise manufacturing ball body which with through cavity, turn on or off ,so that can control the medium flow.

Mater al: Steel part: 304(1 4301) / 316L (1.4404)
Gasket: PTFE

Three-piece Welded Manual / Pneumatic Ball Valve

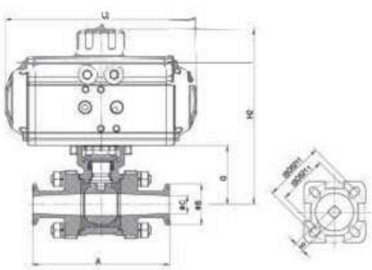


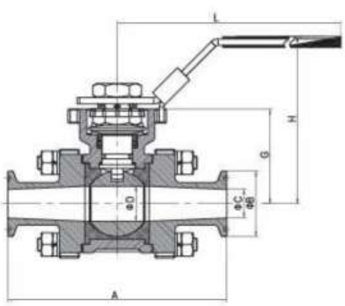


JN-BLV2009

Size		A	G	H	H2	L	L2	ISO5211	S	空载首次扭矩 N.m
DN15	1/2"	93	40.3	71	129.3	130	140	F03 PCD36 6×4 F04 PCD42 6×4	9	5.5
DN20	3/4"	103.5	42.3	73	131.3	130	140	F03 PCD36 6×4 F04 PCD42 6×4	9	5.5
DN25	1"	110	53.4	91.6	142.4	165	140	F04 PCD42 6×4 F05 PCD50 7×4	11	11.8
DN32	1 1/4"	120	58.4	96.6	147.4	165	140	F04 PCD42 6×4 F05 PCD50 7×4	11	14.2
DN40	1 1/2"	129	70.8	104	175.8	190	159	F05 PCD50 7×4 F07 PCD70 9×4	14	19.0
DN50	2"	145	77.8	110	182.8	190	159	F05 PCD50 7×4 F07 PCD70 9×4	14	23.7

Three-piece Clamp Manual / Pneumatic Ball Valve

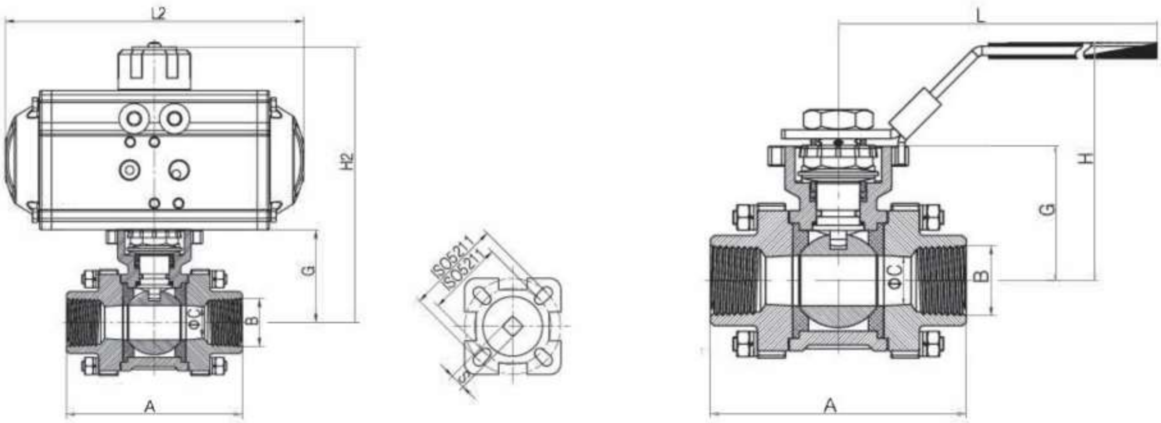




JN-BLV2009

Size		A	G	H	H2	L	L2	ISO5211	S	空载首次扭矩N.m
DN15	1/2"	93	40.3	71	129.3	130	140	F03 PCD36 6×4 F04 PCD42 6×4	9	5.5
DN20	3/4"	103.5	42.3	73	131.3	130	140	F03 PCD36 6×4 F04 PCD42 6×4	9	5.5
DN25	1"	110	53.4	91.6	142.4	165	140	F04 PCD42 6×4 F05 PCD50 7×4	11	11.8
DN32	1 1/4"	120	58.4	96.6	147.4	165	140	F04 PCD42 6×4 F05 PCD50 7×4	11	14.2
DN40	1 1/2"	129	70.8	104	175.8	190	159	F05 PCD50 7×4 F07 PCD70 9×4	14	19.0
DN50	2"	145	77.8	110	182.8	190	159	F05 PCD50 7×4 F07 PCD70 9×4	14	23.7

Three-piece Femaled Manual / Pneumactic Ball Valve



JN-BLV2009

Size		A	B	G	H	H2	L	L2	ISO5211	S	空载首次扭矩 N.m
DN15	1/2"	77	Rc1/2-14	40.3	71	129.3	130	140	F03 PCD36 6×4 F04 PCD42 6×4	9	5.5
DN20	3/4"	82.9	Rc3/4-14	42.3	73	131.3	130	140	F03 PCD36 6×4 F04 PCD42 6×4	9	5.5
DN25	1"	93.8	Rc1-11	53.4	91.6	142.4	165	140	F04 PCD42 6×4 F05 PCD50 7×4	11	11.8
DN32	1 1/4"	105.8	Rc1 1/4-11	58.4	96.6	147.4	165	140	F04 PCD42 6×4 F05 PCD50 7×4	11	14.2
DN40	1 1/2"	116.6	Rc1 1/2-11	70.8	104	175.8	190	159	F05 PCD50 7×4 F07 PCD70 9×4	14	19.0
DN50	2"	136.4	Rc2-11	77.8	110	182.8	190	159	F05 PCD50 7×4 F07 PCD70 9×4	14	23.7

DIRECT WAY BALL VALVE

Applications

It Is Widely Used In Beverage, Brewing, Oil Refinery, Cosmetic, Chemical Industries.

Design and features

Free of maintenances

Compact and portable

Small operating torque

Gasket complies with PTFE FDA 177 2600

Hand lever can be installed on the side of the valve body, no matter of the flow direction.

Connection ends: thread, clamp, weld, flange, DIN, SMS, RJT, FIL.

It can match with pneumatic and electric actuators.

Material for the part contacted with media is AISI 304/316L Other part is AISI 304

Type of valves: One way ball valve, three-piece ball valve. Three-way ball valve

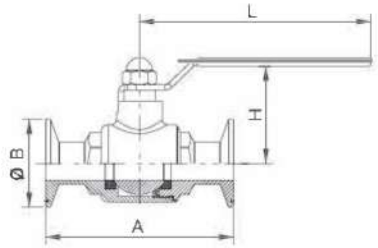
Type of cores: T type, L type, direct type.

Material quality:AISI 304.316L

操作扭距(N.m)(干燥测试) Dry test	DN10-DN20	DN25	DN32	DN40	DN50	2.5"	DN65	DN80	DN100
	1/2"–3/4"	1"	1 1/4"	1 1/2"	2"	25	30	3"	4"
	8	8"	10	12	17			40	70

Three-way ball vale

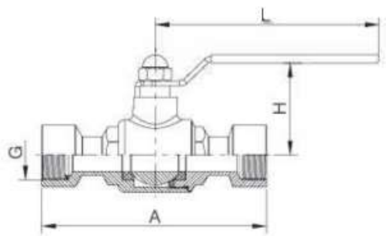
Sanitary straight ball valve



Clamped Straight Ball Valve

JN-BLV2001

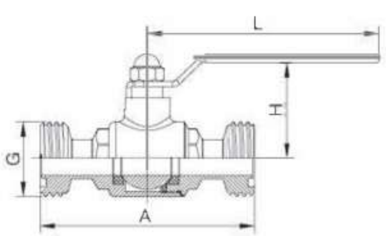
Size	A	B	H	L
19	95.0	50.5	55.0	125.0
25	120.0	50.5	55.0	125.0
32	130.0	50.5	55.0	140.0
38	140.0	50.5	65.0	150.0
51	164.0	64.0	75.0	160.0
63	190.0	77.5	85.0	180.0
76	210.0	91.0	100.0	260.0
101.6	260.0	119.0	120.0	350.0



Femaled Straight Ball Valve

JN-BLV2002

Size	A	G	H	L
19	120.0	G3/4-14	55.0	125.0
25	130.0	G1-11	55.0	125.0
32	140.0	G11/4-11	55.0	140.0
38	164.0	G11/2-11	65.0	150.0
51	190.0	G2-11	75.0	160.0
63	210.0	G21/2-11	85.0	180.0
76	230.0	G3-11	100.0	260.0
101.6	260.0	G4-11	120.0	350.0



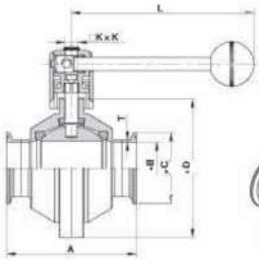
Maled Straight Ball Valve

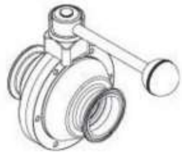
JN-BLV2003

Size	A	G	H	L
19	95.0	RD36X1/8	55.0	125.0
25	120.0	RD40X1/6	55.0	125.0
32	130.0	RD48X1/6	55.0	140.0
38	140.0	RD60X1/6	65.0	150.0
51	164.0	RD70X1/6	75.0	160.0
63	195.0	RD85X1/6	85.0	180.0
76	210.0	RD98X1/6	100.0	260.0
101.6	260.0	RD125X1/4	120.0	350.0

Clamp Butterfly Type Ball Valve

DIN-BLV2009

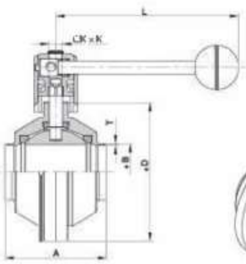




Size		A	B	C	D	T	L	KxK
DN25	1"	87	22.1	50.5	90	1.65	136	10x10
DN32	1 1/4"	97.4	28.5	50.5	98	1.65	136	10x10
DN40	1 1/2"	112.4	34.8	50.5	110	1.65	163	10x10
DN50	2"	117.4	47.5	64.0	125	1.65	163	10x10
	2 1/2"	138	59.5	77.5	152	2.0	186	14x14
DN65	3"	152	72.2	91.0	170	2.0	186	14x14
DN80	3 1/2"	173.4	84.9	106	186	2.0	186	14x14
DN100	4"	194	97.4	119	212	2.1	186	14x14

Welded Butterfly Type Ball Valve

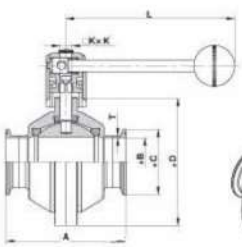
3A-BLV2010



Size		A	B	D	T	L	K×K
1"	DN25	61.6	25.4	90	1.65	136	10×10
1 1/4"	DN32	72	31.8	98	1.65	136	10×10
1 1/2"	DN40	87	38.1	110	1.65	163	10×10
2"	DN50	92	50.8	125	1.65	163	10×10
2 1/2"		112.6	63.5	152	1.65	186	14×14
3"	DN65	126.6	76.2	170	1.65	186	14×14
3 1/2"	DN80	148	88.9	186	1.65	186	14×14
4"	DN100	162	101.6	212	2.1	186	14×14

Clamp Butterfly Type Ball Valve

3A-BLV2011



Size		A	B	C	D	T	L	K×K
1"	DN25	87	22.1	50.5	90	1.65	136	10×10
1 1/4"	DN32	97.4	28.5	50.5	98	1.65	136	10×10
1 1/2"	DN40	112.4	34.8	50.5	110	1.65	163	10×10
2"	DN50	117.4	47.5	64.0	125	1.65	163	10×10
2 1/2"		138	59.5	77.5	152	2.0	186	14×14
3"	DN65	162	72.2	91.0	170	2.0	186	14×14
3 1/2"	DN80	173.4	84.9	106	186	2.0	186	14×14
4"	DN100	194	97.4	119	212	2.1	186	14×14

SAMPLE VALVE

Applications

It s mainly applied to extract sample from tank or pipeline. It a so can be assembled at the bottom of the tank or pipeline to drain away the remains.

Working Principle:

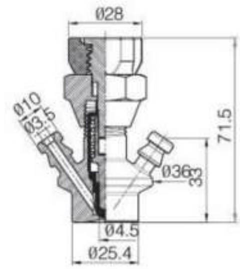
Sample valve:
When Turn the hand wheel clockwise, the valve shaft and seal rise up. At this time, valve is open for sampling. When turn the hand wheel ant dockwise, the valve shaft and seal go down, at that time, the valve is closed.
Yogurt sampling valve:
The valve seat opens inside so that it can avoid opening by accident due to much pressure in the pipes.
The valve is normally closed (through close of spring).the valve is open as soon as pushing the handle with hand and closed when loosing up.
The design of completely drainage water is to avoid remains inside the valves.

Technical Specification:

Connections: thread, clamp, weld
Max. pressure: 10bar 145psi
Min. pressure: vacuum
Temperature: – 10℃ 50° F
120℃ / 248℃ Body
material: A ISI304 AISI316 L Seal
material: PTFE

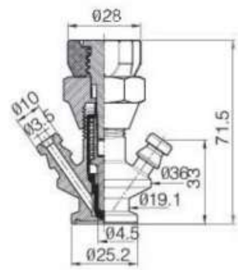
Welded aseptic sample valve

JN-SPV1001



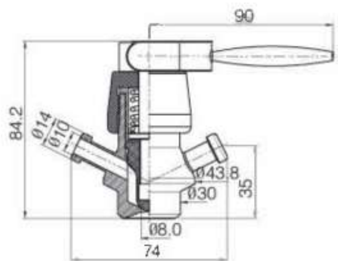
Clamped Aseptic Sample Valve

JN-SPV1002



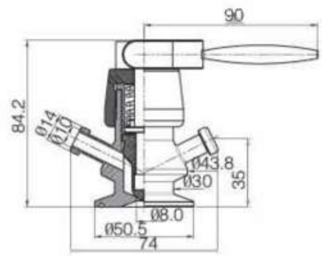
Welded Aseptic Sample Valve

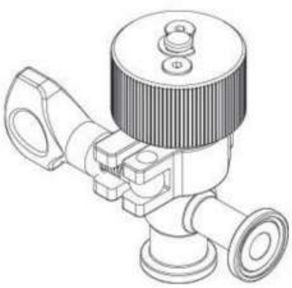
JN-SPV1003



Clamped aseptic sample valve

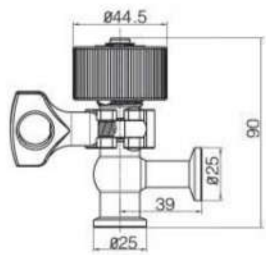
JN-SPV1004





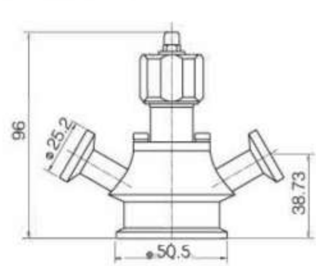
Clamped Aseptic Sample Valve

JN-SPV1005

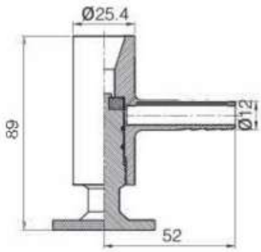


Clamped aseptic sample valve

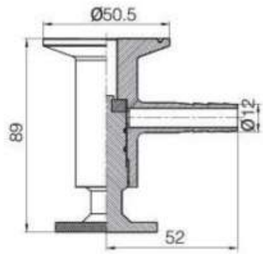
JN-SPV1006



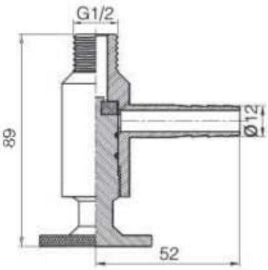
Welded Sample Valve
JN-SPV1007



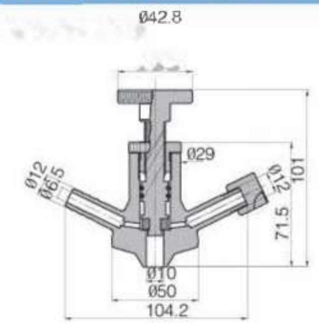
Clamped Sample Valve
JN-SPV1008



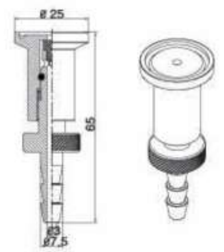
Thread Sample Valve
JN-SPV1009



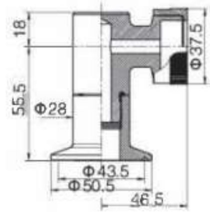
Welded Aseptic Sample Valve
JN-SPV1010



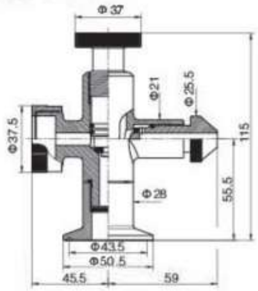
Clamped Sample Valve
JN-SPV1012



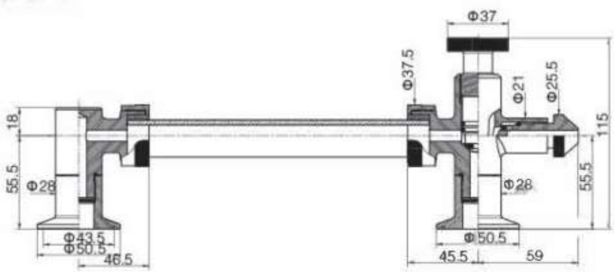
Liquidometer
JN-SPV1013



Liquidometer
JN-SPV1014



Liquidometer
JN-SPV1015



Applications

Pneumatic control pressure and flow.

Working Principle:

CPM-2 constant pressure regulating valve controlled by the compressed air pressure regulating valve to control the size of the position, so as to achieve the required pressure and flow

Standard Design

Constant pressure valve body 12 mm th ck steel forging design process, the spool and all parts manufactured by AISI316L or 304, sandblasting polishing inside and outside the body, the diaphragm is made of high quality rubber, the maximum temperature can reach 140 ° C

i

Technical Specification:

Largest producer of pressure: 1000KPa (10bar)
Minimum production pressure: 0KPa (0bar) = atmospheric
Temperature range: -10 ° C to +95 ° C to
Temperature range (on the diaphragm PTFE / EPDM): -10 ° C to +140 ° C (higher on request).
Air pressure: 0 to 600kpa (0 to 6bar)
Flow range Kv, fully open (p = 1bar): about 23m^3 / h.
Flow range Kv, low capacity (p = 6bar): about 2m^3 / h.
Optional sizes): regulation of regional about 152m^3 / h. (CIP area)

Under normal operating conditions, the valve remains closed.
The specific pressure is set by adjusting the spring with the pressure nut.
When the pressure in the pipes is above the specific pressure, the valve becomes open automatically to make the liquid pass over in order to reduce the pressure in the pipes.
The valve can be with handle in order to realize partial open.

Options

When the handle remains open on the operation spot, the detergent can flow though the flow valves.

Connections, Clamp, flanges. We ding,Threded.
Material of gasket: EPDM NBR FPM

Pressure Ranges (changing the spring).
The assembly with handle can open the valve partially. When CIP (with use of pump passes), the liquid can be flowed though.

Technical specifications

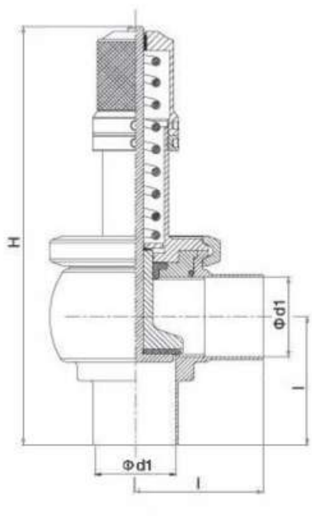
(0 43,5PSI/0 87PSI/0-145PSI)

Max. temperature 121℃ (EPDM) /250。F
Max. operating pressure Sprng adjustable
(0 3bar/0-6bar/0-10bar)
0-43,5PSI/0 87PSI/0-145PSI)

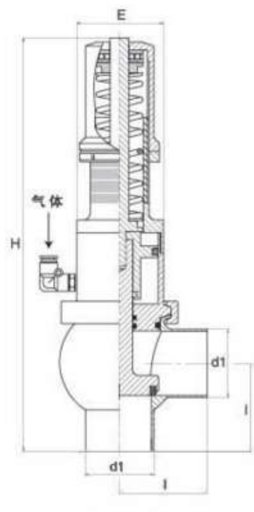
JN-SV1001

INCHES

DN	DN	手动 H Manual H	气动 H Pneumatic H	I
25	1"	219	275	58
40	$1_{1/2}$"	238	305	60
50	2"	252	305	65
65	$2_{1/2}$"	284	340	70
80	3"	301	355	90



Safety Valve



Pnematic Safety Valve

Applications

1.The centrifugal pump is manufactured in stainless steel and with a hrouded motor
2.Its sanitary and cost efficient design makes it perfect for the dairies, beverages, food-processing, pharmaceutical and fine chemicals industries.

Operating Principles

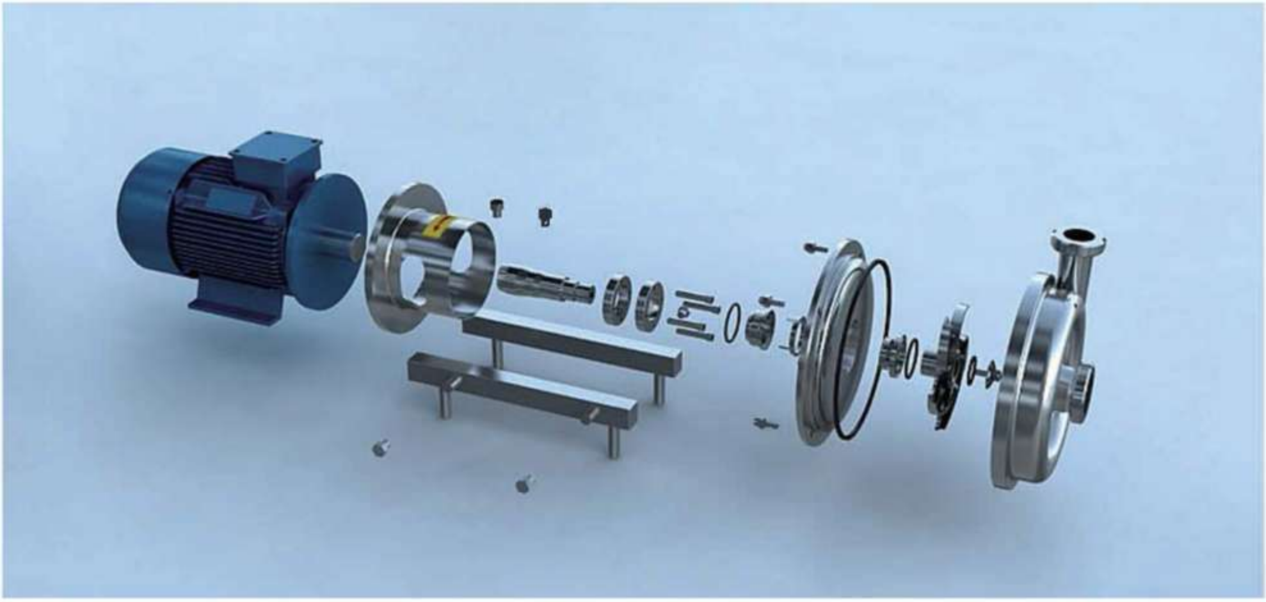
1.Housed inside the casing, the impeller rotates in conjunction with the pump shaft. With this arrangement, the impeller blades convey energy to the fluid in the form of kinetic energy and pressure energy.
2.This pump is not reversible by simple reversal of the direction of rotation. The direction of rotation is clockwise when the pump is viewed from the rear side of the motor.

AI Specifications

1.Max. flow: 130 m3/h
2.Max. head: 70H(m)
3.Max. temperature: 120 ℃/248。F
4.Max. rev.: 3600 min-1
5.Certificate:3A 02-10/NO.1597 ,
6.FDA.177.2600

Design and Features

1.Casing manufactured with cold-formed plate. Open impeller and close impeller manufactured with stainless steel investment casting.
2.Adjustable stainless steel legs. Pump designed according to 3A sanitary standards. IEC NEMA B34 motors. IP 55, F-class insulation.50HZ.60HZ



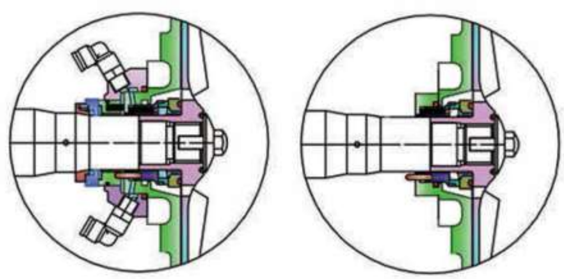
Options

1.Mechanical seal in : C/St.S and SiC/Sic
2.Gaskets in : FPM (Viton)and PTFE
3.Connections: Clamp,thread,flange,DIN,SMS,RJT,IDF
4.Motor 2900, 1450,3600 rev./min., 50HZ,60HZ
5.Single mechanical seal(standard)
6.Flushed couble mechanical seal(Options)

Materials

1.Parts in contact with pumped media : AISI 316L/AISI304

2.Gaskets (standard) : EPDM (FDA)
3.Mechanical seal (standard) : C/SiC/EPDM
4.Inside surface finishing : Ra < 0.8 um
5.Outside surface finishing : Sandblast or Mirror Polish



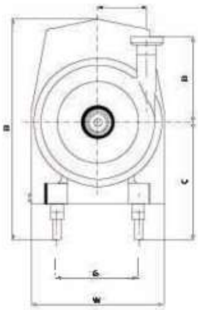
Flushed double mechanical seal   Single mechanical seal

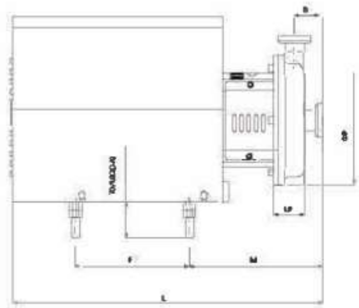
Motor the IEC EN IE2 (Equivalent to China two energy effciency),PTC thermistor

Wide input range motor

Power (KW)	Voltage	Power (KW)	Voltage
0.55	210V~230V/50HZ 360V~400V/50HZ 420V~460V/60HZ	4	360V~400V/50HZ 630V~690V/50HZ 420V~460V/60HZ
0.75		5.5	
1.1		7.5	
1.5		11	
2.2		15	
3		18.5	
		30	

Please contact JONENG for any other voltage or frequency of motor.





Centrifugal Pump Open Impeller Series

型号 Modes	泵头规格 Pump Dimension 功率 Power (kw)	进口 Inlet d" /DN	出口 Outlet d" /DN	ΦP	Lp	机械密封 Mechanical seal size	外形安装尺寸 Assembly Dimension A	B	C	D	M	F	G	H	L	W	3A 标准 C	H
KSCP-5	0.75	1.5" /32	1.5" /32	189	50	Φ32			200		169	203	125	370	452	210	232	402
	0.75	1.5" /32	1.5" /32	189	50	Φ32			200		173	203	125	370	452	210	232	402
KSCP-10	1.1	1.5" /32	1.5" /32	189	50	Φ32	63	56.5	200	136	175	203	125	370	452	210	232	402
	1.5	1.5" /40	1.5" /40	189	50	Φ32			190		161	240	140	360	492	210	222	392
	2.2	1.5" /40	1.5" /40	189	50	Φ32			190		162	240	140	360	492	210	222	392
	1.5	2" /50	1.5" /40	250	61	Φ32			190		187	240	140	360	525	210	222	392
KSCP-15	2.2	2" /50	1.5" /40	250	61	Φ32	95.6	44	190	155	187	240	140	360	525	210	222	392
	3	2" /50	1.5" /40	250	61	Φ32			230		171	300	160	430	593	260	262	462
	3	2" /50	2" /50	250	74.5	Φ32			230		171	300	160	430	592	260	262	462
KSCP-20	4	2" /50	2" /50	250	74.5	Φ32	90.2	45	222	155	179	300	190	430	598	260	254	462
	5.5	2.5" 65	2" /50	250	74.5	Φ32			242		197	330	216	460	653	310	274	462
	3	2" /50	1.5" /40	268	57	Φ32			230		173	300	216	430	500	260	262	462
KSCP-25	4	2" /50	1.5" /40	268	57	Φ32	108	60	222	158	181	300	216	430	590	260	254	462
KSCP-30	5.5	2.5" /50	2" /50	268	57	Φ32			242		196	330	254	460	651	310	274	492
	7.5	2.5" /65	2" /50	268	57	Φ32			242		199	330	254	460	651	310	274	492
	7.5	2.5" /65	1.5" /40	350	86.5	Φ36			242		216	330	254	460	721	310	274	492
KSCP-35	11	2.5" /65	1.5" /40	350	86.5	Φ36	131	76	290	229	234	450	254	575	871	375	322	607
	15	2.5" /65	2" /50	350	86.5	Φ36			290		240	450	254	575	871	375	322	607
	11	2.5" /65	2.5" /65	303	90	Φ36			290		235	450	254	575	868	375	322	607
KSCP-40	15	3" /80	2.5" /50	303	90	Φ36	105	83.5	290	214	236	450	254	575	868	375	322	607
	18.5	3" /80	2.5" /65	303	90	Φ36			290		234	450	254	575	921	375	322	607
	22	3" /80	2.5" /65	303	90	Φ36			310		234	515	279	625	946	400	342	657

Attention: Please refer to selection table for details of next page, The size in the following form is the reference value, the actual size is according to practicality.

Lobe Pump with Flange hopper

Lobe Pump with Builtin Safety Valve

Frequency Controlling Rotor Pump

Step-Less Variator Rotor Pump

Stuffing product feeding rotor pump(top in,bottom out)

Movable Rotor Pump

Operation Principle

Pipeline high shear dispersing emulsifier is a high performance equipment used for continuous prod-uction or circulated treatment of f ne material . In the small chamber , there are 1-3 sets of paired and clutched stators and rotor . Driven by motor , the rotor revolve quickly and produces a strong axial suctionforce whigh intakes the material to the chamber . The machine disperses , shears and emulsifiesthe material in shortest time , and the diameter range of the particles gets smaller so that fine and stable products are produced.

Rough teeth: beat, shatter, shear, dissolve, rough disperse

Movable emulsion pump

Middle teeth: disperse, refine, solutize, emulsify

Fixed emulsion pump

Fine teeth: superf ne disperse, emulsify, homogenize, pulpify

变径三通
Reducing Tee

异心快装大小头
Ecc reducer with straight end

45° 焊接 / 快装弯头
45° weld/clamped bend

快装同心大/ 小头
Clamped Con reducer

同心快装大小头
Clamped Con reducer with straight end

异心焊接大小头
Welded ecc reducer

短四通
Reducing short cross

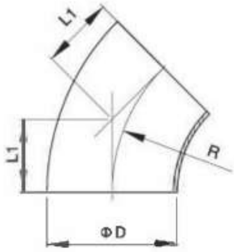
双头弯三通
Double-bend tee

快装双头弯三通
Clamped double-bend tee

快装 Y 三通
Clamped Y type tee

焊接 Y 三通
welded Y type tee

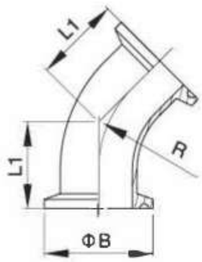
斜 Y 三通
Unequal Y tee



45° Welded Elbow

DIN JN-FT 1005

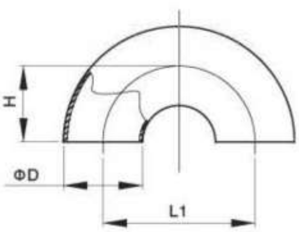
Size	L1	D	R
DN10	10.7	12.0	26.0
DN15	14.5	18.0	35.0
DN20	16.5	22.0	40.0
DN25	20.7	28.0	50.0
DN32	22.8	34.0	55.0
DN40	24.8	40.0	60.0
DN50	29.0	52.0	70.0
DN65	33.2	70.0	80.0
DN80	37.3	85.0	90.0
DN100	41.5	104.0	100.0
DN125	77.5	129.0	187.0
DN150	93.2	154.0	225.0



45° Clamped Elbow

DIN JN-FT 1006

Size	L1	B	R
DN20	34.5	34.0	40.0
DN25	42.2	50.5	50.0
DN32	44.3	50.5	55.0
DN40	46.3	50.5	60.0
DN50	50.5	64.0	70.0
DN65	61.2	91.0	80.0
DN80	65.3	106.0	90.0
DN100	69.5	119.0	100.0



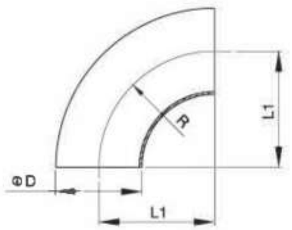
180° Welded Elbow

DIN JN-FT 1007

Size	L1	D	H
DN10	52.0	12.0	26.0
DN15	70.0	18.0	35.0
DN20	80.0	22.0	40.0
DN25	100.0	28.0	50.0
DN32	110.0	34.0	55.0
DN40	120.0	40.0	60.0
DN50	140.0	52.0	70.0
DN65	160.0	70.0	80.0
DN80	180.0	85.0	90.0
DN100	200.0	104.0	100.0
DN125	375.0	129.0	187.5
DN150	450.0	154.0	225.0

90° Welded Elbow

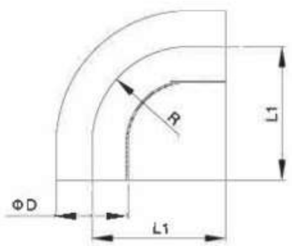
DIN JN-FT 1001



Size	L1	D	R
DN10	26.0	12.0	26.0
DN15	35.0	18.0	35.0
DN20	40.0	22.0	40.0
DN25	50.0	28.0	50.0
DN32	55.0	34.0	55.0
DN40	60.0	40.0	60.0
DN50	70.0	52.0	70.0
DN65	80.0	70.0	80.0
DN80	90.0	85.0	90.0
DN100	100.0	104.0	100.0
DN125	187.0	129.0	187.0
DN150	225.0	154.0	225.0
DN200	300	204	300
DN250	375	254	375
DN300	450	306	450

90°Welded Elbow With Straight Ends

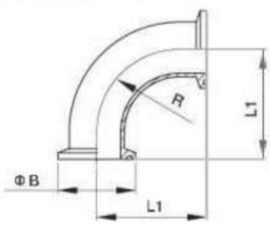
DIN JN-FT 1002



Size	L1	D	R
DN10	38.0	12.0	26.0
DN15	47.0	18.0	35.0
DN20	52.0	22.0	40.0
DN25	70.0	28.0	50.0
DN32	78.0	34.0	55.0
DN40	85.0	40.0	60.0
DN50	97.0	52.0	70.0
DN65	110.0	70.0	80.0
DN80	118.0	85.0	90.0
DN100	140.0	104.0	100.0

90° Clamped Elbow

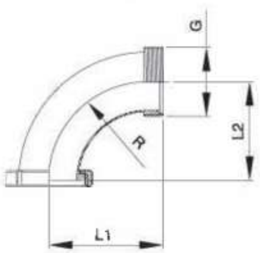
DIN JN-FT 1003



Size	L1	R	B
DN15	53.0	34.0	35.0
DN20	58.0	34.0	40.0
DN25	71.0	50.5	50.0
DN32	76.5	50.5	55.0
DN40	81.5	50.5	60.0
DN50	91.5	64.0	70.0
DN65	108.0	91.0	80.0
DN80	118.0	106.0	90.0
DN100	128.0	119.0	100.0

90° Union-type Elbow

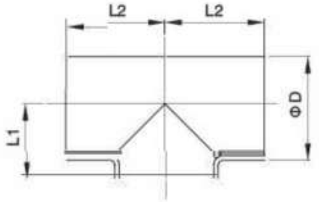
DIN JN-FT 1004



Size	L1	L2	G	R
DN20	60.0	55.0	RD44 × 1/6	40.0
DN25	71.0	67.0	RD52 × 1/6	50.0
DN32	76.0	72.0	RD58 × 1/6	55.0
DN40	81.0	77.0	RD65 × 1/6	60.0
DN50	91.0	87.0	RD78 × 1/6	70.0
DN65	103.0	97.0	RD95 × 1/6	80.0
DN80	116.0	110.0	RD110 × 1/4	90.0
DN100	128.0	124.0	RD130 × 1/4	100.0

Short welded Tee

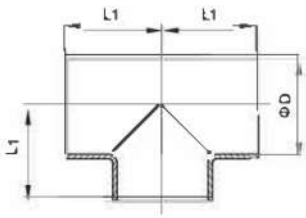
DIN JN-FT 1008



Size	L1	L2	D
DN10	7.5	26.0	12.0
DN15	10.5	35.0	18.0
DN20	12.5	40.0	22.0
DN25	16.0	50.0	28.0
DN32	19.5	55.0	34.0
DN40	22.5	60.0	40.0
DN50	30.0	70.0	52.0
DN65	39.5	80.0	70.0
DN80	47.5	90.0	85.0
DN100	58.0	100.0	104.0
DN125	70.5	187.0	129.0
DN150	83.0	225.0	154.0

Long welded Tee

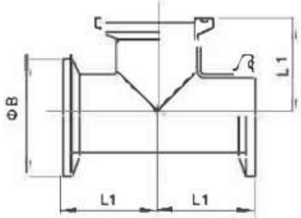
DIN JN-FT 1009



Size	L1	D
DN10	26.0	12.0
DN15	35.0	18.0
DN20	40.0	22.0
DN25	50.0	28.0
DN32	55.0	34.0
DN40	60.0	40.0
DN50	70.0	52.0
DN65	80.0	70.0
DN80	90.0	85.0
DN100	100.0	104.0
DN125	187.0	129.0
DN150	225.0	154.0

Clamped Tee

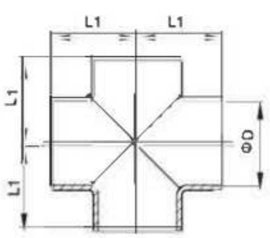
DIN JN-FT 1010



Size	L1	B
DN15	53.0	34.0
DN20	58.0	34.0
DN25	71.5	50.5
DN32	76.5	50.5
DN40	81.5	50.5
DN50	91.5	64.0
DN65	108.0	91.0
DN80	118.0	106.0
DN100	128.0	119.0

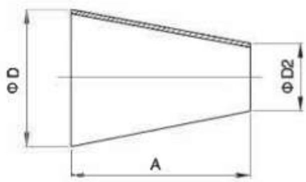
Welded Cross

DIN JN-FT 1011

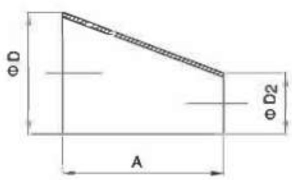


Size	L1	D
DN25	50.0	28.0
DN32	55.0	34.0
DN40	60.0	40.0
DN50	70.0	52.0
DN65	80.0	70.0
DN80	90.0	85.0
DN100	100.0	104.0

Welded Reducer **DIN JN-FT 1012**



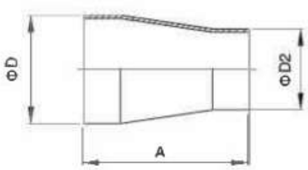
Concentric



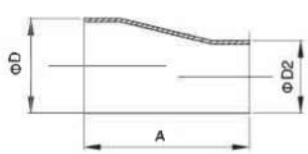
Eccentric

Size	A	D	D2
DN20/15	7.0	22.0	18.0
DN25/20	11.0	28.0	22.0
DN32/20	22.0	34.0	22.0
DN32/25	11.0	34.0	28.0
DN40/20	33.0	40.0	22.0
DN40/25	22.0	40.0	28.0
DN40/32	11.0	40.0	34.0
DN50/25	44.0	52.0	28.0
DN50/32	33.0	52.0	34.0
DN50/40	22.0	52.0	40.0
DN65/25	73.0	70.0	28.0
DN65/32	62.0	70.0	34.0
DN65/40	51.0	70.0	40.0
DN65/50	29.0	70.0	52.0
DN80/40	78.0	85.0	40.0
DN80/50	56.0	85.0	52.0
DN80/65	27.0	85.0	70.0
DN100/50	90.0	104.0	52.0
DN100/65	61.0	104.0	70.0
DN100/80	34.0	104.0	85.0

Welded Reducer **DIN JN-FT 1013**

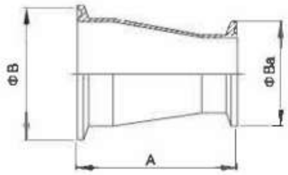


Concentric

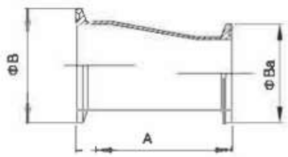


Eccentric

Size	A	D3	D2
DN20/15	60.0	22.0	18.0
DN25/20	60.0	28.0	22.0
DN32/20	80.0	34.0	22.0
DN32/25	80.0	34.0	28.0
DN40/20	102.0	40.0	22.0
DN40/25	102.0	40.0	28.0
DN40/32	102.0	40.0	34.0
DN50/25	115.0	52.0	28.0
DN50/32	115.0	52.0	34.0
DN50/40	115.0	52.0	40.0
DN65/25	125.0	70.0	28.0
DN65/32	125.0	70.0	34.0
DN65/40	120.0	70.0	40.0
DN65/50	120.0	70.0	52.0
DN80/40	140.0	85.0	40.0
DN80/50	125.0	85.0	52.0
DN80/65	120.0	85.0	70.0
DN100/50	160.0	104.0	52.0
DN100/65	127.0	104.0	70.0
DN100/80	120.0	104.0	85.0



Concentric

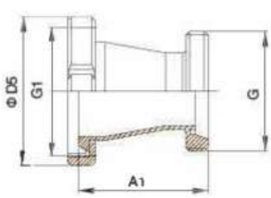


Eccentric

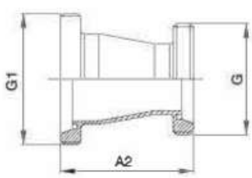
Clamped Reducer

DIN JN-FT 1015

Size	A	B	Ba
DN20/15	86.0	34.0	34.0
DN25/20	86.0	50.5	34.0
DN32/20	106.0	50.5	34.0
DN32/25	106.0	50.5	50.5
DN40/20	128.0	50.5	34.0
DN40/25	128.0	50.5	50.5
DN40/32	128.0	50.5	50.5
DN50/25	141.0	64.0	50.5
DN50/32	141.0	64.0	50.5
DN50/40	141.0	64.0	50.5
DN65/25	151.0	91.0	50.5
DN65/32	151.0	91.0	50.5
DN65/40	146.0	91.0	50.5
DN65/50	146.0	91.0	64.0
DN80/40	166.0	106.0	50.5
DN80/50	151.0	106.0	64.0
DN80/65	146.0	106.0	91.0
DN100/50	192.0	119.0	64.0
DN100/65	159.0	119.0	91.0
DN100/80	152.0	119.0	106.0



Threaded/nut



Threaded

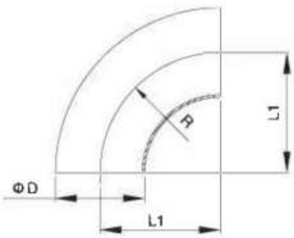
Union-type Reducer

DIN JN-FT 1016

Size	A1	G	D5	A2	G1
DN20/15	93.0	RD34 × 1/8	54.0	98.0	RD44 × 1/6
DN25/20	97.0	RD44 × 1/6	62.0	101.0	RD52 × 1/6
DN32/20	117.0	RD44 × 1/6	68.0	121.0	RD58 × 1/6
DN32/25	118.0	RD52 × 1/6	68.0	122.0	RD58 × 1/6
DN40/20	139.0	RD44 × 1/6	78.0	143.0	RD65 × 1/6
DN40/25	140.0	RD52 × 1/6	78.0	144.0	RD65 × 1/6
DN40/32	140.0	RD58 × 1/6	78.0	144.0	RD65 × 1/6
DN50/25	153.0	RD52 × 1/6	92.0	157.0	RD78 × 1/6
DN50/32	153.0	RD58 × 1/6	92.0	157.0	RD78 × 1/6
DN50/40	153.0	RD65 × 1/6	92.0	157.0	RD78 × 1/6
DN65/25	163.0	RD52 × 1/6	110.0	169.0	RD95 × 1/6
DN65/32	163.0	RD58 × 1/6	110.0	169.0	RD95 × 1/6
DN65/40	158.0	RD65 × 1/6	110.0	164.0	RD95 × 1/6
DN65/50	158.0	RD78 × 1/6	110.0	164.0	RD95 × 1/6
DN80/40	181.0	RD65 × 1/6	126.0	187.0	RD110 × 1/4
DN80/50	166.0	RD78 × 1/6	126.0	172.0	RD110 × 1/4
DN80/65	183.0	RD95 × 1/6	126.0	174.0	RD110 × 1/4
DN100/50	195.0	RD78 × 1/6	146.0	209.0	RD130 × 1/4
DN100/65	174.0	RD95 × 1/6	146.0	178.0	RD130 × 1/4
DN100/80	170.0	RD110 × 1/4	146.0	174.0	RD130 × 1/4

90° Welded Elbow

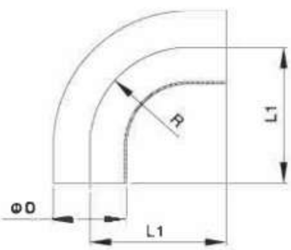
SMS JN-FT 2001



Size	L1	D	R
25	38.1	25.4	38.1
32	47.7	31.8	47.7
38	57.1	38.1	57.1
51	76.2	50.8	76.2
63	95.2	63.5	95.2
76	114.3	76.2	114.3
102	152.4	101.6	152.4

90°Welded Elbow with straight ends

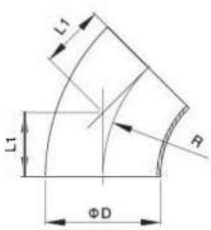
SMS JN-FT 2002



Size	L1	D	R
25	52.4	25.4	38.1
38	74.6	38.1	57.2
51	103.2	50.8	76.2
63	131.8	63.5	95.2
76	160.3	76.2	114.3
102	211.1	101.6	152.1

45° Short welded Elbow

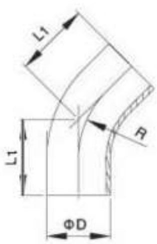
SMS JN-FT 2003



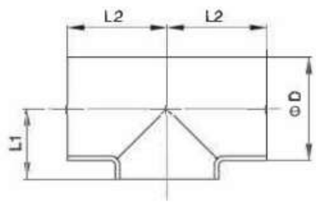
Size	L1	D	R
25	15.5	25.4	38.1
38	23.6	38.1	57.2
51	31.6	50.8	76.2
63	39.5	63.5	95.3
76	47.2	76.2	114.3
102	63.0	101.6	152.4

45° Long welded Elbow

SMS JN-FT 2004



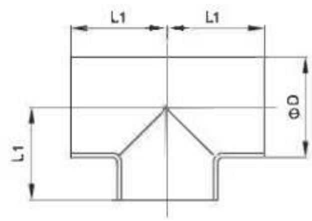
Size	L1	D	R
25	30	25.4	38.1
38	41.3	38.1	57.2
51	58.7	50.8	76.2
63	76.2	63.5	95.2
76	93.7	76.2	114.3
102	122.2	101.6	152.4



Short welded Tee

SMS JN-FT 2005

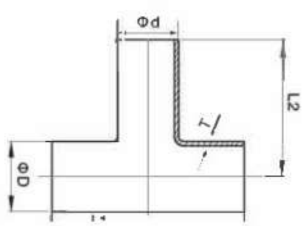
Size	L1	L2	D
25	15.0	55.0	25.4
38	21.5	70.0	38.1
51	29.0	82.0	50.8
63	36.0	105.0	63.5
76	43.0	110.0	76.2
102	57.0	150.0	101.6



Long welded Tee

SMS JN-FT 2006

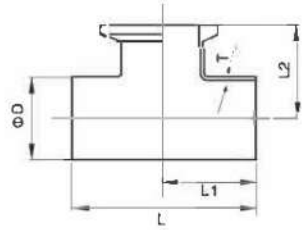
Size	L1	D
25	55.0	25.4
38	70.0	38.1
51	82.0	50.8
63	105.0	63.5
76	110.0	76.2
102	150.0	101.6



Reducing Welded Tee

SMS JN-FT 2007

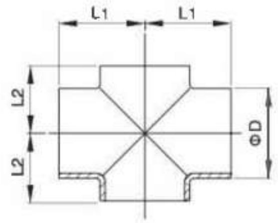
Size	L	L1	ϕD	ϕd	T
25x19	110	55.0	25.0	19.05	1.25
38x19	140	70.0	38.0	19.05	1.25
38x25	140	70.0	38.0	25.0	1.25
51x25	164	82.0	51.0	25.0	1.25
51x38	164	82.0	51.0	38.0	1.25
63.5x25	210	105.0	63.5	25.0	1.5
63.5x38	210	105.0	63.5	38.0	1.5
63.5x51	210	105.0	63.5	51.0	1.5
76.1x25	220	110.0	76.1	25.0	1.6
76.1x38	220	110.0	76.1	38.0	1.6
76.1x51	220	110.0	76.1	51.0	1.6
76.1x63	220	110.0	76.1	63.0	1.6
101.6x51	300	150.0	101.6	51.0	2.0
101.6x63	300	150.0	101.6	63.5	2.0
101.6x76	300	150.0	101.6	76.1	2.0



Single Outlet Tee Short Clip

SMS JN-FT 2008

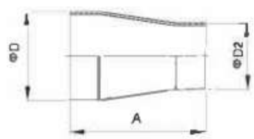
Size	L	L1	ϕD	L2	T
25.0	110.0	55.0	25.0	26.7	1.25
38.0	140.0	70.0	38.0	33.7	1.25
51.0	164.0	82.0	51.0	41.2	1.25
63.0	210.0	105.0	63.5	48.0	1.5
76.0	220.0	110.0	76.1	54.2	1.5
101.6	300.0	150.0	101.6	70.5	1.5
101.6	300.0	150.0	104.0	73.3	1.6



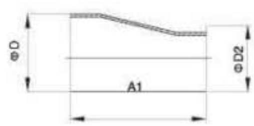
Welded Cross

SMS JN-FT 2009

Size	L1	L2	D
25	55.0	15.0	25.4
38	70.0	21.5	38.1
51	82.0	29.0	50.8
63.5	105.0	36.0	63.5
76.2	110.0	43.0	76.2
102	150.0	57.0	101.6



Concentric

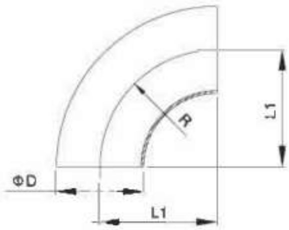


Eccentric

Welded Reducer

SMS JN-FT 2010

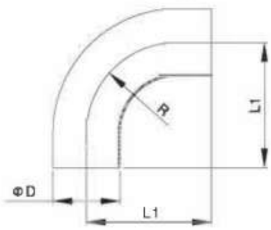
Size	A	A1	D	D2
1.5" / 1.0"	39.0	46.0	38.1	25.4
2.0" /1.0"	57.0	68.0	50.8	25.4
2.0"/1.5"	39.0	47.0	50.8	38.1
2.5"/1.0"	74	92	63.5	25.4
2.5"/1.5"	57.0	70.0	63.5	38.1
2.5"/2.0"	39.0	44.0	63.5	50.8
3.0"/1.0"	92	117	76.2	25.4
3.0"/1.5"	74.0	92.0	76.2	38.1
3.0"/2.0"	57.0	68.0	76.2	50.8
3.0"/2.5"	39.0	47.0	76.2	63.5
4.0"/2.0"	95.0	117.0	101.6	50.8
4.0"/2.5"	78.0	94.0	101.6	63.5
4.0"/3.0"	60.0	74.0	101.6	76.2



90° Welded Elbow

3A JN-FT 3001

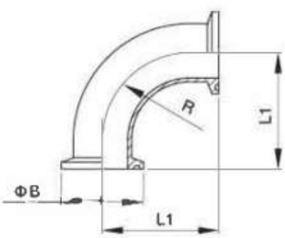
Size	L1	D	R
1/2"	19.1	12.7	19.1
3/4"	28.6	19.1	28.6
1"	38.1	25.4	38.1
1 1/2"	57.2	38.1	57.2
2"	76.2	50.8	76.2
2 1/2"	95.3	63.5	95.3
3"	114.3	76.2	114.3
4"	152.4	101.6	152.4
5"	190.5	127.0	190.5
6"	228.6	152.4	228.6



90° Welded Elbow with straight ends

3A JN-FT 3002

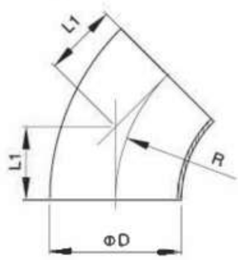
Size	L1	D	R
1/2"	25.4	12.7	19.1
3/4"	38.1	19.1	28.6
1"	52.4	25.4	38.1
1 1/2"	74.6	38.1	57.2
2"	103.2	50.8	76.2
2 1/2"	131.8	63.5	95.3
3"	160.3	76.2	114.3
4"	211.1	101.6	152.4
6"	292.1	152.4	228.6



90° Clamped Elbow

3A JN-FT 3003

Size	L1	B	R
1"	50.8	50.5	38.1
1 1/2"	69.9	50.5	57.2
2"	88.9	64.0	76.2
2 1/2"	108.0	77.5	95.3
3"	127.0	91.0	114.3
4"	168.2	119.0	152.4
6"	250.8	167	228.6



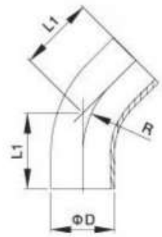
45° Welded Elbow

3A JN-FT 3004

Size	L1	D	R
1"	15.8	25.4	38.1
1 1/2"	23.8	38.1	57.2
2"	31.8	50.8	76.2
2 1/2"	39.6	63.5	95.3
3"	47.6	76.2	114.3
4"	63.5	101.6	152.4
6"	94.7	152.4	228.6

45° Welded Elbow with straight ends

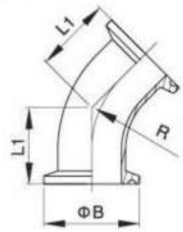
3A JN-FT 3005



Size	L1	D	R
1"	30.2	25.4	38.1
1 1/2"	41.3	38.1	57.2
2"	58.7	50.8	76.2
2 1/2"	76.2	63.5	95.3
3"	93.7	76.2	114.3
4"	122.2	101.6	152.4
6"	158.2	152.4	228.6

45° Clamped Elbow

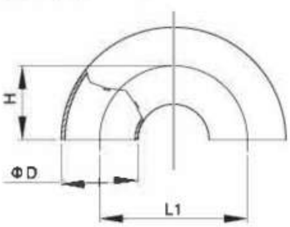
3A JN-FT 3006



Size	L1	B	R
1"	28.5	50.5	38.1
1 1/2"	36.5	50.5	57.2
2"	44.5	64.0	76.2
2 1/2"	52.3	77.5	95.3
3"	60.3	91.0	114.3
4"	76.2	119.0	152.4

180° Welded Elbow

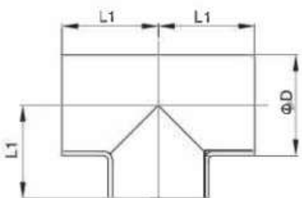
3A JN-FT 3007



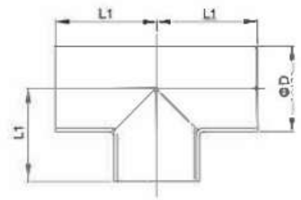
Size	L1	D	H
1"	76.2	25.4	38.1
1 1/2"	114.3	38.1	57.2
2"	152.4	50.8	76.2
2 1/2"	190.5	63.5	95.3
3"	228.6	76.2	114.3
4"	304.8	101.6	152.4

Short welded Tee

3A JN-FT 3008



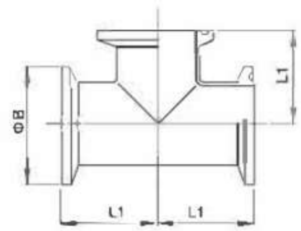
Size	L1	D
1"	28.6	25.4
1 1/2"	42.0	38.1
2"	52.3	50.8
2 1/2"	59.5	63.5
3"	65.9	76.2
4"	87.3	101.6
6"	127	152.4



Long welded Tee

3A JN-FT 3009

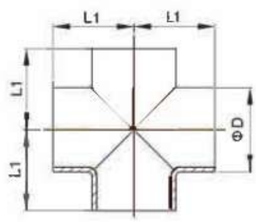
Size	L1	D
1"	47.6	25.4
11/2"	57.2	38.1
2"	76.2	50.8
2 1/2"	76.2	63.5
3"	82.6	76.2
4"	98.4	101.6
6"	143	152.4



Clamped Tee

3A JN-FT 3010

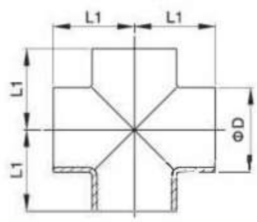
Size	L1	B
1"	60.3	50.5
11/2"	69.9	50.5
2"	88.9	64.0
2 1/2"	88.9	77.5
3"	95.3	91.0
4"	114.2	119.0



Welded Cross (Long-type)

3A JN-FT 3011

Size	L1	D
1"	47.6	25.4
1 1/2"	57.2	38.1
2"	76.2	50.8
2 1/2"	76.2	63.5
3"	82.6	76.2
4"	98.4	101.6



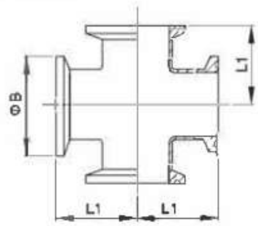
Welded Cross (Short-type)

3A JN-FT 3012

Size	L1	D
1"	28.6	25.4
11/2"	42.1	38.1
2"	52.4	50.8
2 1/2"	54.5	63.5
3"	65.9	76.2
4"	87.3	101.6

Clamped Cross

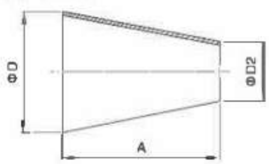
3A JN-FT 3013



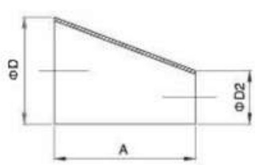
Size	L1	B
1"	60.3	50.5
1 1/2"	69.9	50.5
2"	88.9	64.0
2 1/2"	88.9	91.0
3"	95.3	106.0
4"	114.3	119.0

Welded Reducer

3A JN-FT 3014



Concentric

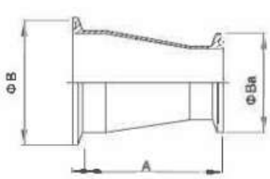


Eccentric

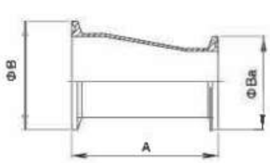
Size	A	D	D2
1.5"/1.0"	50.8	38.1	25.4
2.0"/1.0"	101.6	50.8	25.4
2.0"/1.5"	50.8	50.8	38.1
2.5"/1.5"	101.6	63.5	38.1
2.5"/2.0"	50.8	63.5	50.8
3.0"/1.5"	152.4	76.2	38.1
3.0"/2.0"	101.6	76.2	50.8
3.0"/2.5"	50.8	76.2	63.5
4.0"/2.0"	203.2	101.6	50.8
4.0"/2.5"	152.4	101.6	63.5
4.0"/3.0"	101.6	101.6	76.2
6.0"/3.0"	140.0	152.4	76.2
6.0"/4.0	140.0	152.4	101.6

Clamped Reducer

3A JN-FT 3015

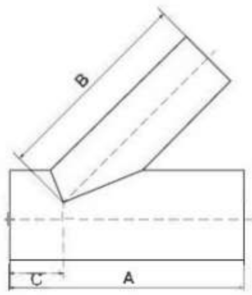


Concentric



Eccentric

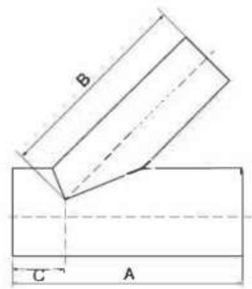
Size	A	B	Ba
1.5"/1.0"	76.2	50.5	50.5
2.0"/1.0"	127.0	64.0	50.5
2.0"/1.5"	76.2	64.0	50.5
2.5"/1.5"	127.0	77.6	50.5
2.6"/2.0"	76.2	77.5	64.0
3.0"/1.5"	177.8	91.0	50.5
3.0"/2.0"	127.0	91.0	64.0
3.0"/2.5"	76.2	91.0	77.5
4.0"/2.0"	231.8	119.0	54.0
4.0"/2.5"	181.0	119.0	77.5
4.0"/3.0"	130.2	119.0	91.0



Oblique Y type Tee

3A JN-FT 3016

Size	A	B	C
1/2"	152.4	127.0	25.4
3/4"	152.4	127.0	25.4
1"	152.4	127.0	25.4
1 1/2"	187.3	173.1	30.2
2"	222.2	180.9	41.3
2 1/2"	254	215.9	38.1
3"	273.1	225.4	47.6
4"	325.5	273.1	52.4
6"	419.1	317.5	101.6



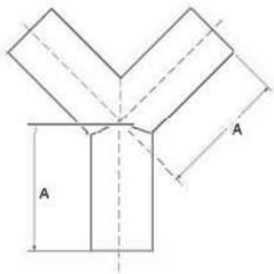
Reducing oblique Y-type tee

3A JN-FT 3017

Size	A	B	C
1 1/2×1	187.3	157.2	30.2
2×1	222.2	181.0	41.3
2×1 1/2	222.2	181.0	41.3
2 1/2×1	254	215.9	38.1
2 1/2×11/2	254	215.9	38.1
2 1/2×2	254	215.9	38.1
3×1	273.1	225.4	47.6
3×1 1/2	273.1	225.4	47.6
3×2	273.1	225.4	47.6
3×2 1/2	273.1	225.4	47.6
4×1	325.5	273.1	52.4
4×1 1/2	325.5	273.1	52.4
4×2	274.7	273.1	52.4
4×2 1/2	325.5	273.1	52.4
4×3	325.5	273.1	52.4

Butt weld Y-type Tee

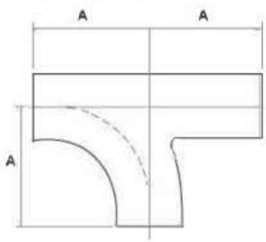
3A JN-FT 3018



Size	A
1/2"	50.8
3/4"	50.8
1"	76.2
1 1/2"	76.2
2"	101.6
2 1/2"	127
3"	152.4
4"	203.2
6"	203.2

Bending type Y type tee

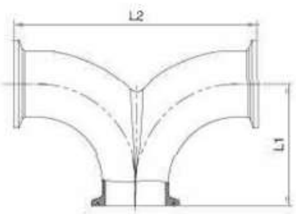
3A JN-FT 3019



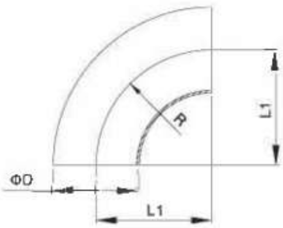
Size	A
1"	65.0
1 1/2"	85.0
2"	110.0
2 1/2"	135.0
3"	155.0
4"	195.0

90°Clamp Double Bend

3A JN-FT 3020



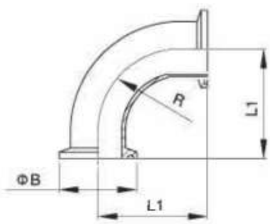
Size	L1	L2
1"	50.8	101.6
1 1/2"	69.85	139.7
1 1/4"	60.4	120.8
2"	88.9	177.8
2 1/2"	107.9	215.9
3"	127.0	228.6
4"	168.4	336.8



90° Welded Elbow

ISO/IDF JN-FT 4001

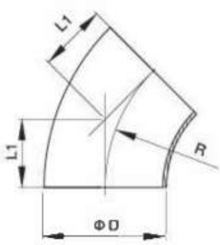
Size	L1	D	R
1"	33.5	25.4	33.5
1 1/4"	38.0	32.0	38.0
1 1/2"	48.5	38.1	48.5
2"	60.5	50.8	60.5
2 1/2"	83.5	63.5	83.5
3"	88.5	76.2	88.5
3 1/2"	103.5	89.0	103.5
4"	127	101.6	127
4 1/2"	152.4	114.3	152.4
5"	190.5	133.0	190.5
6"	228.6	159.0	228.6



90° Clamped Elbow

ISO/IDF JN-FT 4002

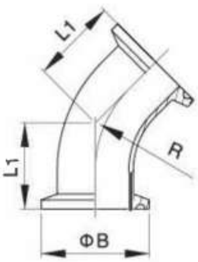
Size	L1	B	R
Φ25	55.0	50.5	33.5
Φ32	59.5	50.5	38.0
Φ38	70.0	50.5	48.5
Φ51	82.0	64.0	60.5
Φ63	105.0	77.5	83.5
Φ76	110.0	91.0	88.5
Φ89	125.0	106.0	103.5
Φ102	148	119.0	127



45° Welded Elbow

ISO/IDF JN-FT 4003

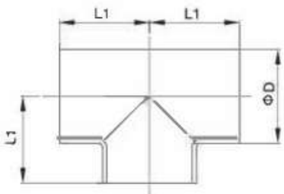
Size	L1	D	R
1"	13.9	25.4	33.5
1 1/4"	15.7	32.0	38.0
1 1/2"	20.1	38.1	48.5
2"	25.1	50.8	60.5
2 1/2"	34.6	63.5	83.5
3"	36.7	76.2	88.5
3 1/2"	42.9	89.0	103.5
4"	52.6	101.6	127



45°C lamped Elbow

ISO/IDF JN-FT 4004

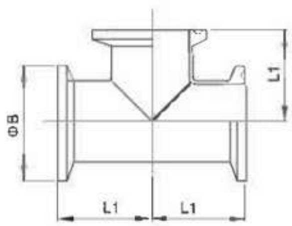
Size	L1	D	R
Φ25	35.4	50.5	33.5
Φ32	37.2	50.5	38.0
Φ38	41.6	50.5	48.5
Φ51	46.6	64.0	60.5
Φ63	56.1	77.5	83.5
Φ76	58.2	91.0	88.5
Φ89	64.4	106.0	103.5
Φ102	73.6	119.0	127



Welded Tee

ISO/IDF JN-FT 4005

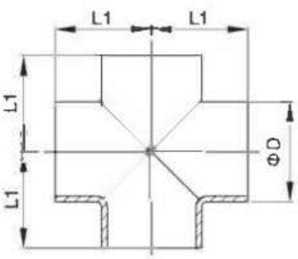
Size	L1	D
1"	33.5	25.4
1 1/4"	38.1	31.8
1 1/2"	48.5	38.1
2"	60.5	50.8
2 1/2"	83.5	63.5
3"	88.5	76.2
3 1/2"	103.5	88.9
4"	127	101.6
4 1/2"	152.4	114.3
5"	190.5	133.0
6"	228.6	159.0



Clamped Tee

ISO/IDF JN-FT 4006

Size	L1	D
1"	55.0	50.5
1 1/4"	59.5	50.5
1 1/2"	70.0	50.5
2"	82.0	64.0
2 1/2"	105	77.5
3"	110	91.0
3 1/2"	125	106.0
4"	148.5	119.0



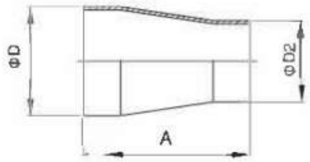
Welded Cross

ISO/IDF JN-FT 4007

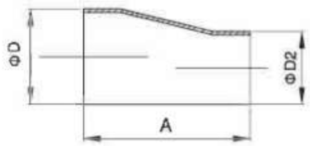
Size	L1	D
1"	33.5	25.4
1 1/4"	38.0	32.0
1 1/2"	48.5	38.0
2"	60.5	51.0
2 1/2"	83.5	63.5
3"	88.5	76.0
3 1/2"	103.5	89.0
4"	127	101.6

Welded Reducer

ISO/IDF JN-FT 4008



Concentric

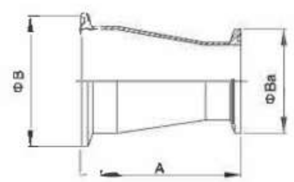


Eccentric

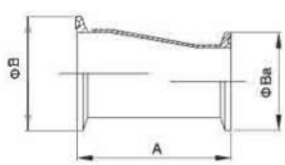
Size	A	D	D2
1.0"/0.75"	38.0	25.4	19.05
1.25"/1.0"	50.0	31.8	25.4
1.5"/1.25"	50.0	38.1	31.8
1.5"/1.0"	50.0	38.1	25.4
2.0"/1.5"	67.0	50.8	38.1
2.0"/1.25"	67.0	50.8	31.8
2.0"/1.0"	67.0	50.8	25.4
2.5"/2.0"	67.0	63.5	50.8
2.5"/1.5"	67.0	63.5	38.1
2.5"/1.0"	67.0	63.5	25.4
3.0"/2.5"	67.0	76.2	63.5
3.0"/2.0"	67.0	76.2	50.8
3.0"/1.5"	67.0	76.2	38.1
3.5"/3.0"	67.0	88.9	76.2
3.5"/2.5"	67.0	88.9	63.5
3.5"/2.0"	67.0	88.9	50.8
4.0"/3.5"	87.0	101.6	88.9
4.0"/3.0"	87.0	101.6	76.2
4.0"/2.5"	87.0	101.6	63.5
4.0"/2.0"	87.0	101.6	50.8

Clamped Reducer

ISO/IDF JN-FT 4009

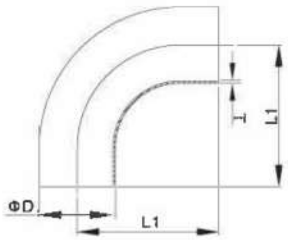


Concentric



Eccentric

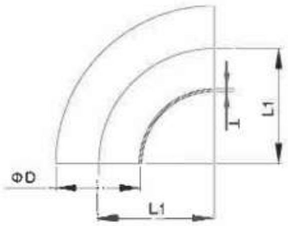
Size	A	D	Ba
1.0"/0.75"	80.0	50.5	34.0
1.25"/1.0"	92.0	50.5	50.5
1.5"/1.25"	92.0	50.5	50.5
1.5"/1.0"	92.0	50.5	50.5
2.0"/1.5"	109.0	64.0	50.5
2.0"/1.25"	109.0	64.0	50.5
2.0"/1.0"	109.0	64.0	50.5
2.5"/2.0"	109.0	77.5	64.0
2.5"/1.5"	109.0	77.5	50.5
2.5"/1.0"	109.0	77.5	50.5
3.0"/2.5"	109.0	91.0	77.5
3.0"/2.0"	109.0	91.0	64.0
3.0"/1.5"	109.0	91.0	50.5
3.5"/3.0"	109.0	106.0	91.0
3.5"/2.5"	109.0	106.0	77.5
3.5"/2.0"	109.0	106.0	64.0
4.0"/3.5"	129.0	119.0	106.0
4.0"/3.0"	129.0	119.0	91.0
4.0"/2.5"	129.0	119.0	77.5
4.0"/2.0"	129.0	119.0	64.0



90° Long welded Elbow with straight ends

AS JN-FT 5001

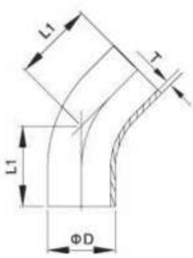
Size	L1	D	T
1/2"	49.1	12.7	1.6
3/4"	58.6	19.1	1.6
1"	68.1	25.4	1.6
1 1/4"	77.7	31.8	1.6
1 1/2"	87.0	38.1	1.6
2"	106.2	50.8	1.6
2 1/2"	125.0	63.5	1.6
3"	144.2	76.2	1.6
4"	182.4	101.6	2.0



90° Welded Elbow

AS JN-FT 5002

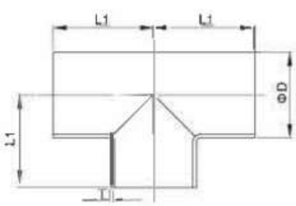
Size	L1	D	T
1/2"	19.1	12.7	1.6
3/4"	28.6	19.1	1.6
1"	38.1	25.4	1.6
1 1/4"	47.7	31.8	1.6
1 1/2"	57.0	38.1	1.6
2"	76.2	50.8	1.6
2 1/2"	95.0	63.5	1.6
3"	114.2	76.2	1.6
4"	152.4	101.6	2.0



45° Long welded Elbow

AS JN-FT 5003

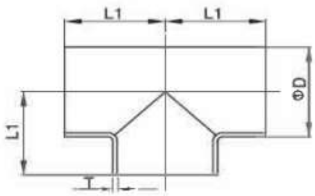
Size	L1	D	T
1/2"	37.9	12.7	1.6
3/4"	41.8	19.1	1.6
1"	45.8	25.4	1.6
1 1/4"	49.7	31.8	1.6
1 1/2"	53.7	38.1	1.6
2"	61.6	50.8	1.6
2 1/2"	69.5	63.5	1.6
3"	77.3	76.2	1.6
4"	92.8	101.6	2.0



Long welded Tee

AS JN-FT 5004

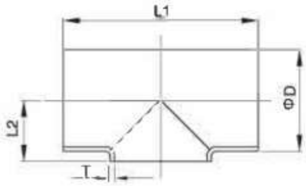
Size	L1	D	T
1/2"	49.1	12.7	1.6
3/4"	58.6	19.1	1.6
1"	68.1	25.4	1.6
1 1/4"	77.7	31.8	1.6
1 1/2"	87.0	38.1	1.6
2"	106.2	50.8	1.6
2 1/2"	125.0	63.5	1.6
3"	144.2	76.2	1.6
4"	182.4	101.6	2.0



Equal welded Tee

AS JN-FT 5005

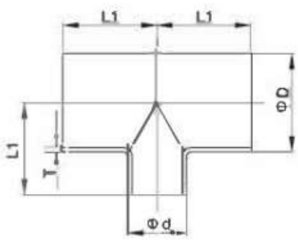
Size	L1	D	T
1/2"	19.1	12.7	1.6
3/4"	28.6	19.1	1.6
1"	38.1	25.4	1.6
1 1/4"	47.7	31.8	1.6
1 1/2"	57.0	38.1	1.6
2"	76.2	50.8	1.6
2 1/2"	95.0	63.5	1.6
3"	114.2	76.2	1.6
4"	152.4	101.6	2.0



Short welded Tee

AS JN-FT 5006

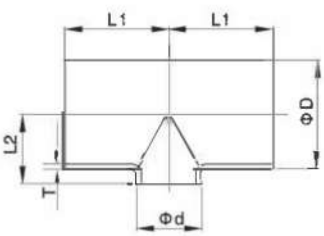
Size	L1	L2	D	T
1/2"	38.2	9.35	12.7	1.6
3/4"	57.2	12.55	19.1	1.6
1"	76.2	15.7	25.4	1.6
1 1/4"	95.4	18.9	31.8	1.6
1 1/2"	114.0	22.05	38.1	1.6
2"	152.4	28.4	50.8	1.6
2 1/2"	190.0	34.75	63.5	1.6
3"	228.4	41.1	76.2	1.6
4"	304.8	53.8	101.6	2.0



Reducing welded Tee

AS JN-FT 5007

Size	L1	D	d	T
1 1/2"x 1"	80	38.1	25.4	1.6
2"x 1"	80	50.8	25.4	1.6
2"x11/2"	80	50.8	38.1	1.6
2 1/2"x1 1/2"	80	63.5	38.1	1.6
2 1/2"x 2"	80	63.5	50.8	1.6
3"x1 1/2"	80	76.2	38.1	1.6
3"x2"	80	76.2	50.8	1.6
3"x2 1/2"	80	76.2	63.5	1.6
4"x2"	80	101.6	50.8	1.6
4"x2 1/2"	80	101.6	63.5	1.6
4"x3"	80	101.6	76.2	2.0



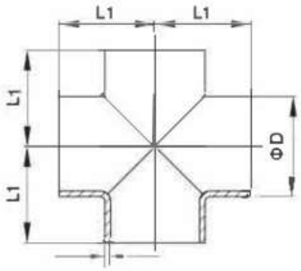
Short reducing welded Tee

AS JN-FT 5008

Size	L1	L2	D	d	T
1 1/2"x 1"	80	22.05	38.1	25.4	1.6
2"x1"	80	28.4	50.8	25.4	1.6
2"x1 1/2"	80	28.4	50.8	38.1	1.6
2 1/2"x1 1/2"	80	34.75	63.5	38.1	1.6
2 1/2"x 2"	80	34.75	63.5	50.8	1.6
3"x1 1/2"	80	41.1	76.2	38.1	1.6
3"x2"	80	41.1	76.2	50.8	1.6
3"x2 1/2"	80	41.1	76.2	63.5	1.6
4"x2"	80	53.8	101.6	50.8	1.6
4"x2 1/2"	80	53.8	101.6	63.5	1.6
4"x3"	80	53.8	101.6	76.2	2.0

Long welded Cross

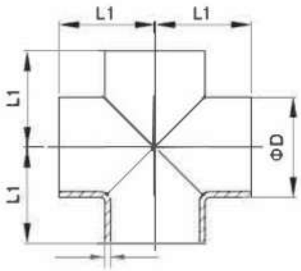
AS JN-FT 5009



Size	L1	D	T
1/2"	49.1	12.7	1.6
3/4"	58.6	19.1	1.6
1"	68.1	25.4	1.6
1 1/4"	77.7	31.8	1.6
1 1/2"	87.0	38.1	1.6
2"	106.2	50.8	1.6
2 1/2"	125.0	63.5	1.6
3"	144.2	76.2	1.6
4"	182.4	101.6	2.0

Short welded Cross

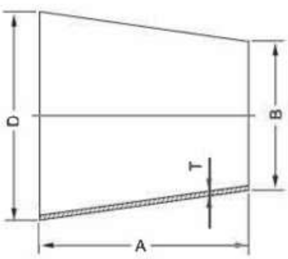
AS JN-FT 5010



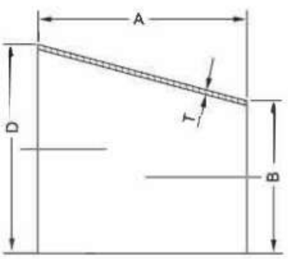
Size	L1	D	T
1/2"	19.1	12.7	1.6
3/4"	28.6	19.1	1.6
1"	38.1	25.4	1.6
1 1/4"	47.7	31.8	1.6
1 1/2"	57.0	38.1	1.6
2"	76.2	50.8	1.6
2 1/2"	95.0	63.5	1.6
3"	114.2	76.2	1.6
4"	152.4	101.6	2.0

Welded Reducer

AS JN-FT 5011

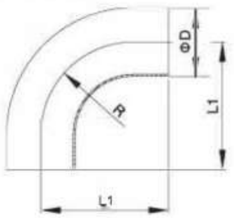


Concentric



Eccentric

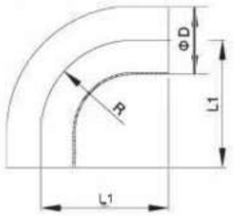
Size	A	B	D	T
3/4"x 1/2"	19.1	12.7	19.1	1.6
1"x 1/2"	25.4	12.7	25.4	1.6
1"x 3/4"	25.4	19.1	25.4	1.6
1 1/4"x 3/4"	31.8	19.1	31.8	1.6
1 1/4"x 1"	31.8	25.4	31.8	1.6
1 1/2"x 3/4"	38.1	19.1	38.1	1.6
1 1/2"x 1"	38.1	25.4	38.1	1.6
2"x 1/2"	50.8	12.7	50.8	1.6
2"x 3/4"	50.8	19.1	50.8	1.6
2"x1"	50.8	25.4	50.8	1.6
2"x 1 1/4"	50.8	31.8	50.8	1.6
2"x 1 1/2"	50.8	38.1	50.8	1.6
2 1/2"x 1"	63.5	25.4	63.5	1.6
2 1/2"x 1 1/4"	63.5	31.8	63.5	1.6
2 1/2"x 1 1/2"	63.5	38.1	63.5	1.6
2 1/2"x 2"	63.5	50.8	63.5	1.6
3"x 1"	76.2	25.4	76.2	1.6
3"x 1 1/4"	76.2	31.8	76.2	1.6
3"x 1 1/2"	76.2	38.1	76.2	1.6
3"x 2"	76.2	50.8	76.2	1.6
3"x 2 1/2"	76.2	63.5	76.2	1.6
4"x1"	101.6	25.4	101.6	2.0
4"x 1 1/4"	101.6	31.8	101.6	2.0
4"x 1 1/2"	101.6	38.1	101.6	2.0
4"x 2"	101.6	50.8	101.6	2.0
4"x 2 1/2"	101.6	63.5	101.6	2.0
4"x 3"	101.6	76.2	101.6	2.0



90° Welded Elbow

BS JN-FT 6001

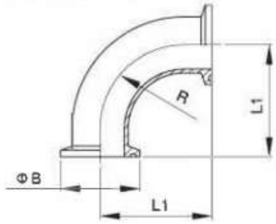
Size	L1	R	D
1"	43.5	38.1	25.4
1 1/2"	63.5	57.2	38.1
2"	88.5	76.2	50.8
2 1/2"	113.5	95.3	63.5
3"	133.5	114.3	76.2
4"	173.5	152.4	101.6



90°Welded Elbow with straight ends

BS JN-FT 6002

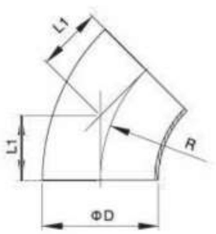
Size	L1	R	D
1"	65.0	38.1	25.4
1 1/2"	85.0	57.2	38.1
2"	110.0	76.2	50.8
2 1/2"	135.0	95.3	63.5
3"	155.0	114.3	76.2
4"	195.0	152.4	101.6



90° Clamped Elbow

BS JN-FT 6003

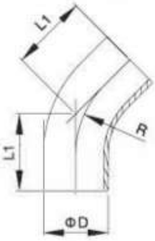
Size	L1	B	R
1"	65.0	50.5	38.1
1 1/2"	85.0	50.5	57.2
2"	110.0	64	76.2
2 1/2"	135.0	77.5	95.3
3"	155.0	91	114.3
4"	195.0	119	152.4



45° Short welded Elbow

BS JN-FT 6004

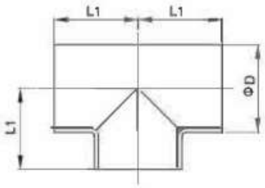
Size	L1	D	R
1"	15.8	25.4	38.1
1 1/2"	23.7	38.1	57.2
2"	31.8	50.8	76.2
2 1/2"	39.6	63.5	95.3
3"	47.5	76.2	114.3
4"	63.2	101.6	152.4



45° Long welded Elbow

BS JN-FT 6005

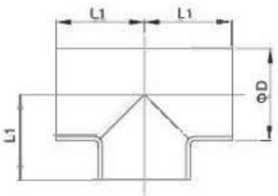
Size	L1	D	R
1"	30.2	25.4	38.1
1 1/2"	41.3	38.1	57.2
2"	58.7	50.8	76.2
2 1/2"	76.2	63.5	95.3
3"	93.7	76.2	114.3
4"	122.2	101.6	152.4



Short welded Tee

BS JN-FT 6006

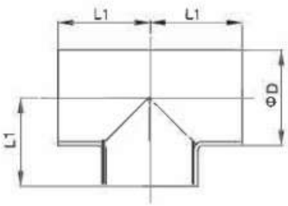
Size	L1	D
1"	43.5	25.4
1 1/2"	63.5	38.1
2"	88.5	50.8
2 1/2"	113.5	63.5
3"	133.5	76.2
4"	173.5	101.6



Long welded Tee

BS JN-FT 6007

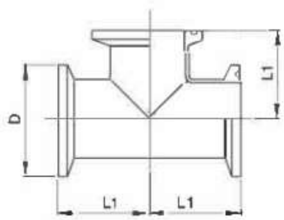
Size	L1	D
1"	65.0	25.4
1 1/2"	85.0	38.1
2"	110.0	50.8
2 1/2"	135.0	63.5
3"	155.0	76.2
4"	195.0	101.6



Long welded Tee

BS JN-FT 6008

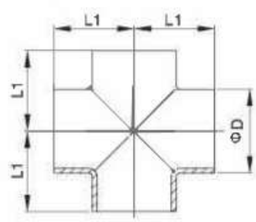
Size	L1	D
1/2"	47.6	12.7
3/4"	50.8	19.05
1"	54.0	25.4
1 1/2"	60.3	38.1
2"	73.0	50.8
2 1/2"	79.4	63.5
3"	85.7	76.2
4"	104.8	101.6



Clamped Tee

BS JN-FT 6009

Size	L1	D
1/2"	57.2	25.4
3/4"	60.3	25.4
1"	66.7	50.5
1 1/2"	73.0	50.5
2"	85.7	64.0
2 1/2"	92.1	77.5
3"	98.4	91.0
4"	120.7	119.0



Welded Cross

BS JN-FT 6010

Size	L1	D
1"	65.0	25.4
1 1/2"	85.0	38.1
2"	110.0	50.8
2 1/2"	135.0	63.5
3"	155.0	76.2
4"	195.0	101.6

MARINE SHINE CO.,LTD.
2/80 Bangna Complex Office Tower, 15th Floor, Soi Bangna-Trad 25, Thepparat Road, Bangna Nuea, Bangna, Bangkok 10260 Thailand
Email : info@marineshine.co.th 02-173 6414-16 02-173 6417 www.marineshine.co.th

ราคาท่อสแตนเลสเฟอร์รูล A-270

	ท่อสแตนเลส A-270	304	304L	316L
1	25.40 มม. หนา 1.2 มม.	1,355	1,415	1,640
2	25.40 มม. หนา 1.5 มม.	1,660	1,745	2,025
3	25.40 มม. หนา 2.0 มม.	2,150	2,260	2,640
4	31.80 มม. หนา 1.2 มม.	1,705	1,790	2,070
5	31.80 มม. หนา 1.5 มม.	2,100	2,205	2,565
6	31.80 มม. หนา 2.0 มม.	1,990	2,880	2,955
7	38.10 มม. หนา 1.2 มม.	2,055	2,160	2,500
8	38.10 มม. หนา 1.5 มม.	2,535	2,665	3,100
9	38.10 มม. หนา 2.0 มม.	3,320	3,485	4,080
10	50.80 มม. หนา 1.2 มม.	2,760	2,895	3,360
11	50.80 มม. หนา 1.5 มม.	3,415	3,585	4,175
12	50.80 มม. หนา 2.0 มม.	4,490	4,710	5,505
13	63.50 มม. หนา 1.2 มม.	3,465	3,640	4,215
14	63.50 มม. หนา 1.5 มม.	4,305	4,515	5,245
15	63.50 มม. หนา 2.0 มม.	5,660	5,940	6,940
16	76.20 มม. หนา 1.2 มม.	4,170	4,375	5,080
17	76.20 มม. หนา 1.5 มม.	5,175	5,435	6,320
18	76.20 มม. หนา 2.0 มม.	5,690	5,970	7,350
19	101.60 มม. หนา 1.5 มม.	6,940	7,285	7,440
20	101.60 มม. หนา 2.0 มม.	9,160	9,615	11,235

ปรับราคาวันที่ 12 ม.ค. 2565

ชุดหน้าแปลนสั้น+แคล้ม+ปะเก็น		
SIZE	วัสดุ	ราคา
10”	SS304	15,840

ข้องอ 90

ด้านหนึ่งหน้าแปลนเชื่อมเฟอร์รูล

อีกด้านเป็นหางไหล

หน้าแปลนเฟอร์รูล ขนาด (นิ้ว)	หางไหล (นิ้ว)	วัสดุ	ราคา
1.5”	**3/4”**	SS304	2,200
2”	**1”**	SS304	2,300
2”	**1.5”**	SS304	2,400
2.5”	**2”**	SS304	2,500
4”	**3”**	SS304	2,600

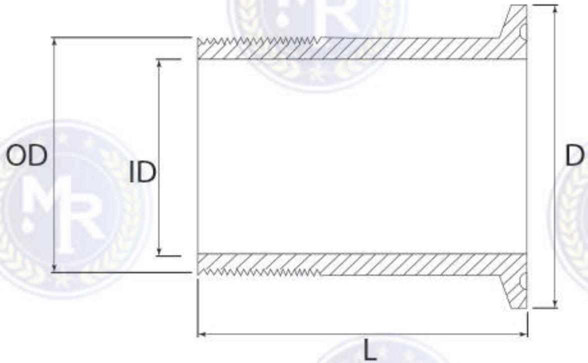

หน้าแปลน Ferrule สแตนเลส

แบบสั้นและแบบยาว

สอบถามราคา LINE ID : @MRS1

SIZE	ID mm.	OD mm.	t mm.	D mm.	แบบสั้น L mm.	304L ราคา	316L ราคา	แบบยาว L mm.	304 ราคา	316 ราคา
1/2"	9.7	12.75	1.5	25.2	12.7	**220**	**330**	28.6	**440**	**550**
3/4"	16	19.05	1.5	25.2	12.7	**220**	**330**	28.6	**440**	**550**
1.0"	22.1	25.4	1.65	50.5	12.7	**220**	**330**	28.6	**440**	**550**
1.5"	34.8	38.1	1.65	50.5	12.7	**220**	**330**	28.6	**440**	**550**
2.0"	47.5	50.8	1.65	64	12.7	**275**	**375**	28.6	**550**	**660**
2.5"	60.2	63.5	1.65	77.5	12.7	**330**	**440**	28.6	**550**	**660**
3.0"	72.9	76.2	1.65	91	12.7	**440**	**550**	28.6	**825**	**935**
4.0"	97.6	101.6	2	119	15.9	**715**	**825**	28.6	**880**	**990**
6.0"	146.8	152.5	2.85	166.8	21.5	**1,650**	**1,980**	28.6/38.1	**2,910**	**3,410**
8.0"	197.6	203.3	2.85	217.7	21.5	**2,750**	**3,080**	28.6/38.1	**3,520**	**3,850**
10"	247.2	254.1	3.45	268.5	21.5	**3,520**	**3850**	28.6/38.1	**4,620**	**4,950**
12"	298	304.9	3.45	319.3	21.5	******	******	28.6/38.1	******	******

หน้าแปลน Ferrule เชื่อมติดเกลียว



SIZE	ID mm.	OD mm.	D mm.	L mm.	ราคา
1/2"	9.4	12.7	38.1	50	1,600
3/4"	15.8	19.1	38.1	50	1,750
1	22.1	25.4	50.5	50	1,850
1.5"	34.8	38.1	50.5	50	2,000
2.0"	47.5	50.8	64	50	2,100

หน้าแปลนเชื่อมเฟอร์รูล อีกด้านเป็นเกลียว PIPE
หกเหลี่ยมสำหรับใช้ขัน Male Threaded Ferrule Pipe Fitting

หน้าแปลนเฟอร์รูล (นิ้ว)	เกลียวท่อ (นิ้ว)	วัสดุ	ราคา
1.5”	**1.4”**	SS304	3,400
1.5”	**1.2”**	SS304	3,500
1.5”	**3/4”**	SS304	3,600
2”	**1”**	SS304	3,700
2”	**1.5”**	SS304	3,800
2.5”	**2”**	SS304	3,900
4”	**3”**	SS304	4,200

หน้าแปลน Ferrule สแตนเลส อีกด้านเป็นหางไหล

ขนาด	L (mm.)	ราคา
หน้าแปลน 1” หางไหล 3/4”	100	2,000
หน้าแปลน 1.5” หางไหล 1”	100	2,100
หน้าแปลน 2” หางไหล 1.5”	100	2,200
หน้าแปลน 2.5” หางไหล 2”	100	2,300
หน้าแปลน 3” หางไหล 2.5”	100	2,400

หน้าแปลน
Ferrule สแตนเลส

SIZE	A mm.	t mm.	SUS 304	SUS 316L
1/2"	25.2	6.4	**250**	**250**
3/4"	25.2	6.4	**250**	**350**
1	50.5	6.4	**250**	**350**
1.5"	50.5	6.4	**250**	**350**
2.0"	54	6.4	**400**	**500**
2.5"	77.5	6.4	**400**	**500**
3.0"	91	6.4	**550**	***
4.0"	119	7.9	**1,000**	***
6.0"	166.7	11.1	**5,000**	***
8.0"	217.7	11.1	**6,500**	***
10"	268.5	11.1	**7,500**	***
12"	319.3	11.1	***	***

MARINE SHINE CO.,LTD.
2/80 Bangna Complex Office Tower, 15th Floor, Soi Bangna-Trad 25, Thepparat Road, Bangna Nuea, Bangna, Bangkok 10260 Thailand
Email : info@marineshine.co.th
02-173 6414-16
02-173 6417
www.marineshine.co.th

แผนที่ บริษัท มารีนไชน์ จำกัด

ที่อยู่สำนักงาน 2/80 อาคารบางนาคอมเพล็กซ์ ออฟฟิศทาวเวอร์ ชั้น 15 ซอยบางนา-ตราด 25
ถนนเทพรัตน แขวงบางนาเหนือ เขตบางนา กรุงเทพมหานคร 10260

ที่อยู่โรงงาน 496 หมู่ 6 ตำบลแพรกษา อำเภอเมืองสมุทรปราการ จังหวัดสมุทรปราการ 10280

ติดต่อสอบถามเส้นทางได้ที่ 02-1736414