

AMBANG GROUP

Hebei Ambang Valve & Fittings Co.,Ltd.

Hebei Ambang Valve & Fittings Co., Ltd, devote to manufacture the sanitary fluid fittings and valves to the Industry of beer, beverage, dairy products and pharmace etc.

We also can produce the industry pipe fittings and valves. They are used in the field including chemical and petrochemical plants, paper mills, shipyards, gas processing plants, water treatment plants, etc.

Excellent quality, fast delivery, and best service have won good reputation for this company for more than 10 years. The products are sold all over the world.

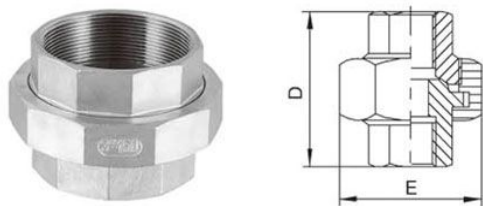
The company cordially invites potential customers

to develop business relationship.

Hebei Ambang Valve & Fittings Co.,Ltd.
Add : Econo.&Tech,E/zone,Cangzhou, China.
Tel : 86-317-7970998
Fax : 86-317-7613366
Email : chinambang@gmail.com

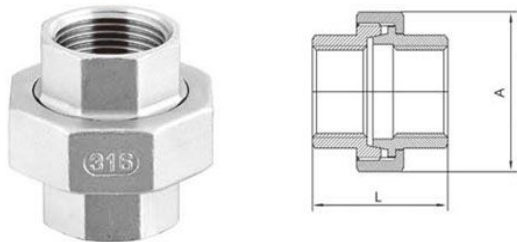
304/316/150LBS PIPE FITTINGS

UNION F/F (TA001A)



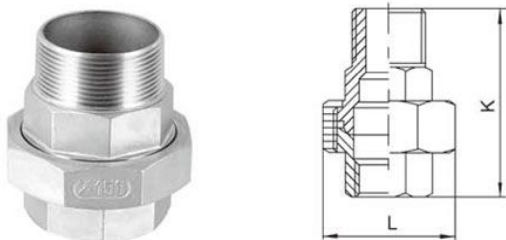
SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
D	30.00	30.00	32.50	38.00	40.00	49.00	50.00	56.00	62.00	68.00	77.00	83.00
E	26.50	26.50	31.00	35.00	43.00	50.00	60.50	67.00	81.00	104.50	121.50	150.00

UNION F/F (TA001B)



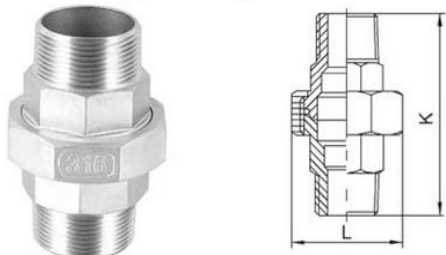
SIZE ITEM	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
A	29.00	34.00	39.00	46.00	55.00	64.00	72.00	87.00
L	31.00	35.50	37.20	43.50	50.70	55.00	58.50	63.00

UNION M/F (TA002)



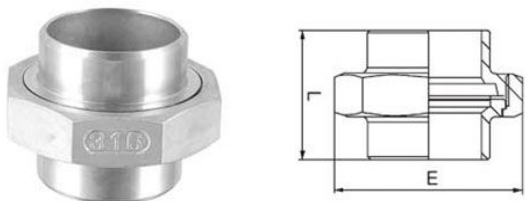
SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
L	26.50	26.50	31.00	35.00	43.00	50.00	60.5	67.00	81.00	104.50	121.50	150.00
K	42.00	42.00	45.00	53.00	57.00	68.00	71.00	79.00	88.00	98.00	108.50	123.00

UNION M/M (TA003)



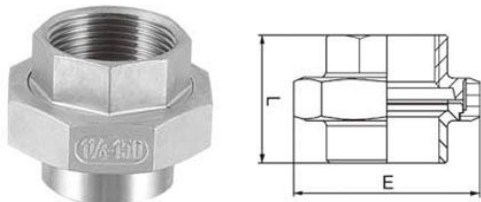
SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
L	26.50	26.50	31.00	35.00	43.00	50.00	60.50	67.00	81.00	104.5	121.5	150.0
K	54.00	54.00	57.50	68.00	74.00	87.00	92.00	102.0	114.0	128.0	140.0	163.0

UNION BW/BW (TA004)



SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
L	30.00	30.00	32.50	38.00	40.00	49.00	50.00	56.00	62.00	68.00	77.00	83.00
E	26.50	26.50	31.00	35.00	43.00	50.00	60.50	67.00	81.00	104.5	121.5	150.0

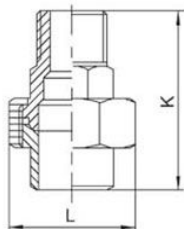
UNION F/BW (TA005)



SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
L	30.00	30.00	32.50	38.00	40.00	49.00	50.00	56.00	62.00	68.00	77.00	83.00
E	26.50	26.50	31.00	35.00	43.00	50.00	60.50	67.00	81.00	104.50	121.50	150.00

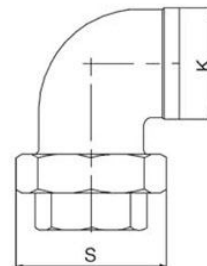
304/316/150LBS PIPE FITTINGS

UNION M/BW (TA006)



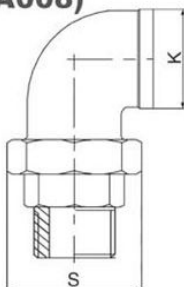
SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
L	26.50	26.50	31.00	35.00	43.00	50.00	60.50	67.00	81.00	104.50	121.50	150.00
K	42.00	42.00	45.00	53.00	57.00	68.00	71.00	79.00	88.00	98.00	108.50	123.00

ELBOW UNION FF (TA007)



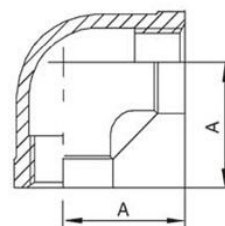
SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
S	26.50	26.50	31.00	37.50	44.50	53.50	63.00	71.50	85.50
K	13.00	18.00	22.00	25.00	32.00	40.00	49.00	56.00	67.50

ELBOW UNION MF (TA008)



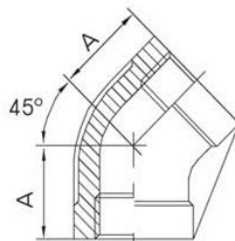
SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
S	26.50	26.50	31.00	37.50	44.50	53.50	63.00	71.50	85.50
K	13.00	18.00	22.00	25.00	32.00	40.00	49.00	56.00	67.50

90ELBOW (TA009)



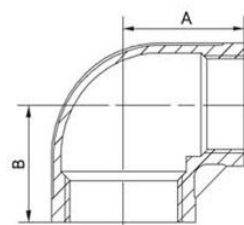
SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
A	17.00	19.00	22.00	24.00	27.50	33.00	40.00	43.00	52.00	65.00	78.00	93.00

45ELBOW (TA010)



SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
A	17.00	18.00	20.00	22.00	25.00	28.00	32.00	35.00	42.00	48.00	52.00	62.00

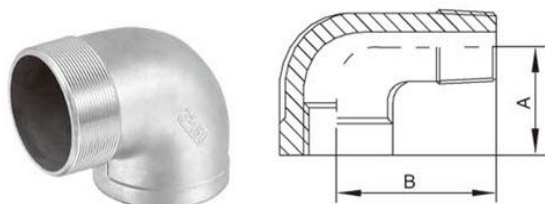
REDUCER ELBOW (TA011)



SIZE ITEM	3/8 x 1/4"	3/4 x 1/4"	3/4 x 1/2"	1 x 3/4"	1-1/4 x 1"	1-1/2 x 1"	1-1/2 x 1-1/4"	2 x 1-1/2"
A	22.00	26.25	30.00	33.00	38.50	45.00	43.00	52.00
B	19.00	20.25	28.00	30.50	36.00	40.00	40.00	48.00

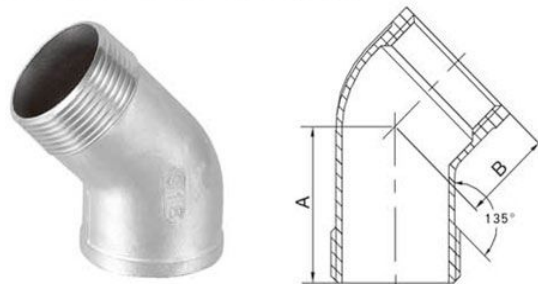
304/316/150LBS PIPE FITTINGS

90 STREET ELBOW (TA012)



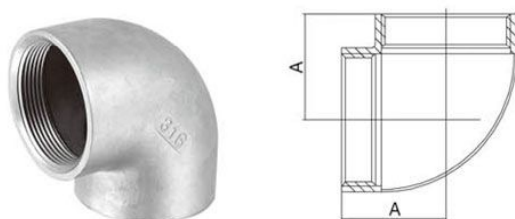
SIZE	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ITEM												
A	17.00	19.00	23.00	25.00	27.50	33.00	40.00	43.00	52.00	68.00	80.00	97.00
B	26.00	30.00	32.00	36.00	42.00	50.00	56.00	60.00	75.00	87.00	105.00	125.00

45 STREET ELBOW (TA013)



SIZE	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"
ITEM										
A	24.00	28.00	30.00	32.00	37.00	43.00	50.00	57.00	65.00	75.00
B	13.00	16.00	18.00	20.00	23.00	27.00	30.00	33.00	42.00	49.00

NEW EXECUTION ELBOW (TA014)



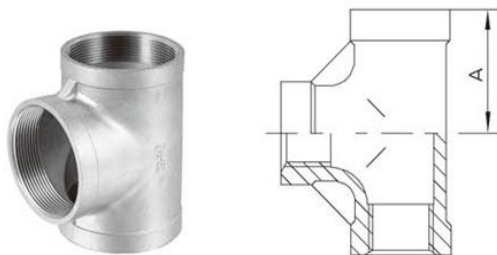
SIZE	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ITEM												
A	17.00	19.00	22.00	24.00	27.50	33.00	40.00	43.00	52.00	65.00	78.00	93.00

BEND



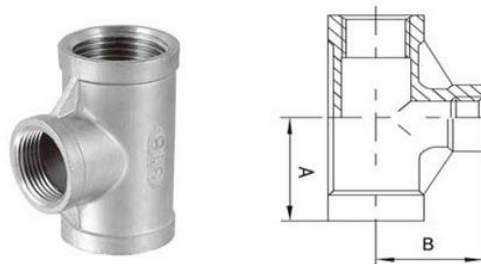
SIZE	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"
ITEM											
L	50.0	60.0	70.0	80.0	100.0	120.0	140.0	160.0	190.0	240.0	290.0

TEE (TA015)



SIZE	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ITEM												
A	17.00	19.00	22.00	25.00	27.50	33.00	40.00	43.00	52.00	65.00	78.00	93.00

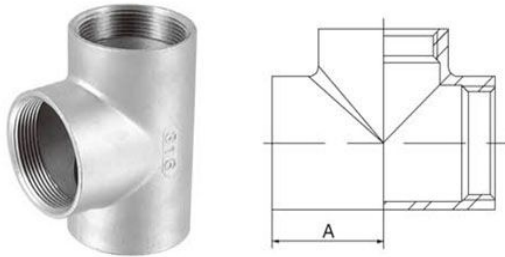
REDUCER TEE (TA016)



SIZE	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
ITEM									
A			23.00	25.00	27.50	33.00	40.00	43.00	52.00
B			19.00	22.50	29.50	32.90	41.00	46.80	54.50

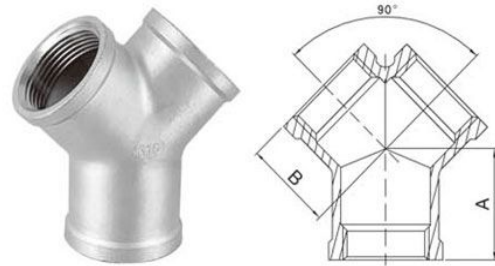
304/316/150LBS PIPE FITTINGS

NEW EXECUTION TEE (TA017)



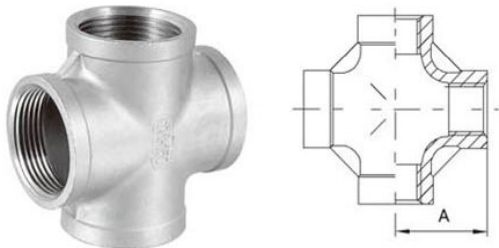
SIZE	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	
ITEM	A	17.00	19.00	22.00	25.00	27.50	33.00	40.00	43.00	52.00	65.00	78.00	93.00

Y TYPE TEE (TA018)



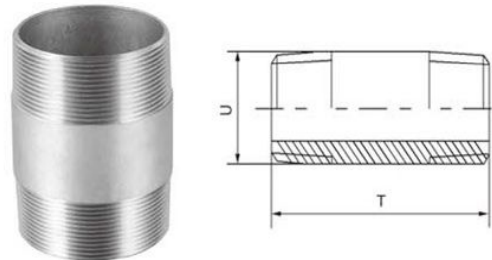
SIZE	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"
ITEM								
A	20.00	25.00	30.00	35.00	41.00	50.00	52.00	62.00
B	18.00	20.00	25.00	28.00	33.00	45.00	46.00	52.00

CROSS (TA019)



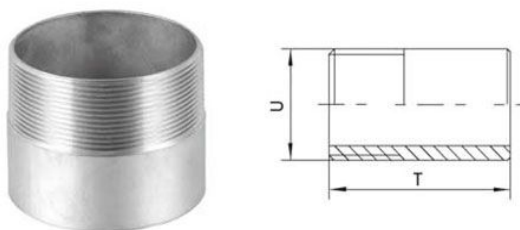
SIZE	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	
ITEM	A	17.00	19.00	23.00	25.00	27.50	33.00	40.00	43.00	52.00	68.00	80.00	93.00

BARREL NIPPLE (TA020)



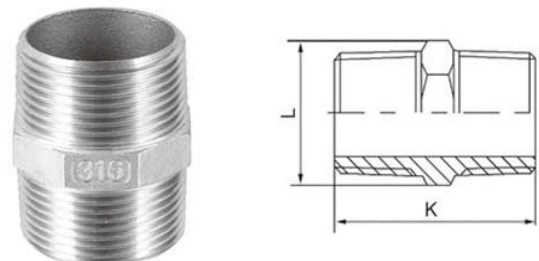
SIZE	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	
ITEM	U	10.70	14.00	17.00	21.70	27.00	33.80	43.00	49.00	60.20	77.90	90.80	115.80
	T	40.00	40.00	40.00	60.00	60.00	60.00	80.00	80.00	100.00	100.00	120.00	120.00

WELDING NIPPLE (TA021)



SIZE	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	
ITEM	U	14.00	13.90	17.10	21.40	26.50	33.40	42.50	49.00	60.80	77.50	90.00	114.00
	T	30.00	30.00	30.00	35.00	40.00	40.00	50.00	50.00	50.00	60.00	70.00	80.00

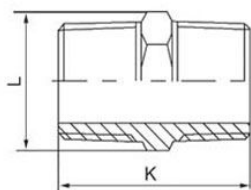
HEX NIPPLE (TA022A)



SIZE	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
ITEM												
L	10.80	14.50	18.00	22.00	27.50	34.00	42.00	49.00	61.50	77.00	89.50	115.00
K	25.00	30.00	31.00	37.00	40.50	46.00	50.00	51.00	61.00	68.00	80.00	88.00

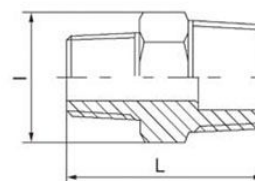
304/316/150LBS PIPE FITTINGS

HEX NIPPLE (TA022B)



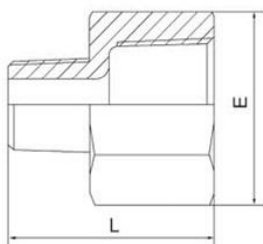
SIZE ITEM	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"
L	14.00	17.50	22.00	27.50	34.50	43.50

REDUCER HEX NIPPLE (TA023)



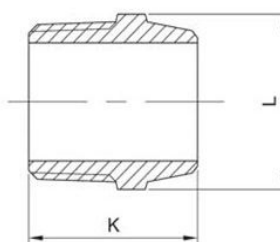
SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
I	15.00	20.00	23.00	28.00	35.00	45.00	50.00	62.00	80.00	91.00	116.00	
L	31.00	37.00	42.00	46.40	50.50	51.00	58.00	61.10	76.00	86.00	110.00	

NEG BUSHING (TA024)



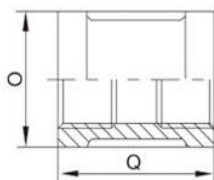
SIZE ITEM	1/4 x 1/8"	3/8 x 1/4"	1/2 x 1/2"	3/4 x 1/2"	1 x 1/2"	1 x 3/4"	1-1/4 x 1"	1-1/2 x 1"	2 x 1-1/4"	2 x 1-1/2"
L	26.00	27.50	33.70	34.50	38.00	40.00	48.00	49.00	53.00	54.50
E	16.10	20.50	25.80	30.50	38.00	38.00	47.40	52.50	65.50	65.50

HEX WELDING NIPPLE (TA025)



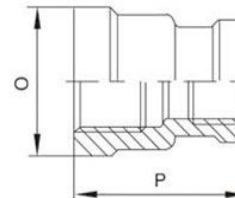
SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
L			18.50	23.00	28.50	35.50	45.00	51.00	63.00			
K			32.00	36.50	38.00	43.00	49.00	54.00	55.00			

SOCKET BANDED (TA026)



SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
O	18.50	22.00	26.00	31.50	40.00	48.50	54.50	65.50	82.50	96.00	119.00	
Q	23.50	25.50	31.50	34.50	40.00	44.00	44.00	53.00	62.00	67.50	79.50	

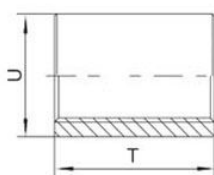
REDUCER SOCKET BANDED (TA027)



SIZE ITEM	1/4 x 1/8"	3/8 x 1/4"	1/2 x 3/8"	3/4 x 1/2"	1 x 3/4"	1 1/4 x 1"	1 1/2 x 1 1/4"	2 x 1 1/2"	2 1/2 x 2"	3 x 2 1/2"	4 x 3"
O	18.50	22.00	26.00	31.50	40.00	48.50	54.50	65.50	82.50	96.00	119.00
P	25.50	29.00	31.00	33.50	38.00	41.00	45.50	49.00	63.00	67.50	76.00

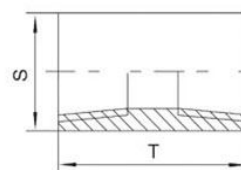
304/316/150LBS PIPE FITTINGS

SOCKET O.D.MACHINED (TA028)



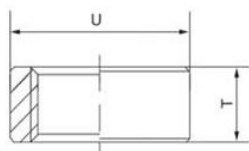
SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
U	15.00	18.00	21.00	25.00	31.40	37.00	46.50	52.50	65.10	81.50	95.00	122.00
T	18.00	25.00	26.00	33.00	35.00	42.00	46.00	46.00	55.00	65.00	70.00	81.00

SOCKET PLAIN (TA029)



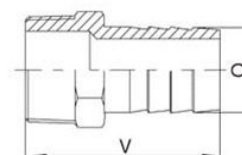
SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
S	15.00	18.00	21.00	25.00	31.40	37.00	46.50	52.50	65.10	81.50	95.00	122.00
R	18.00	25.00	26.00	33.00	35.00	42.00	46.00	46.00	55.00	65.00	70.00	81.00

1/2 SOCKET O.D.MACHINED (TA030)



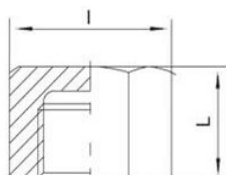
SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
U	15.00	18.00	21.00	25.00	31.40	37.00	46.50	52.50	65.10	81.50	95.00	122.00
T	8.50	12.00	12.50	17.00	17.20	19.50	21.50	21.50	27.50	30.50	35.50	41.50

HOSE NIPPLE (TA031)



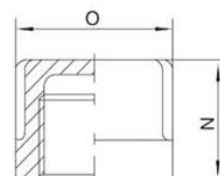
SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
O	7.00	9.00	11.00	13.00	19.00	25.40	31.80	38.10	50.80	63.50	76.10	102.00
V	36.00	40.50	42.00	49.00	59.00	65.00	67.50	79.50	85.00	102.00	116.00	120.00

HEXAGON HEAD CAP (TA032)



SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
I	14.50	18.00	21.00	25.00	30.50	37.00	45.50	52.50	64.50	80.50	94.00	120.00
L	13.00	14.00	14.50	18.50	19.00	22.00	25.00	25.00	30.00	34.50	38.50	45.50

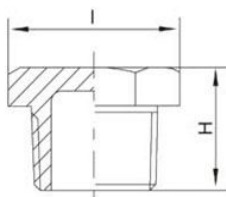
CAP(TA033)



SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
O	17.00	18.50	22.00	26.00	32.50	40.00	49.50	55.50	67.00	85.00	98.00	123.00
N	14.60	16.40	17.80	19.50	19.50	22.50	25.50	26.50	33.50	38.00	42.50	54.50

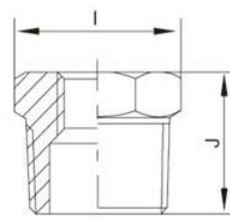
304/316/150LBS PIPE FITTINGS

HEX PLUG (TA034)



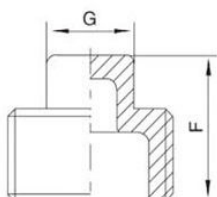
SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
I	12.50	15.80	18.00	22.00	27.50	34.00	43.50	49.00	61.50	77.00	89.50	115.00
H	17.50	17.50	18.50	21.50	23.50	27.00	30.00	30.50	35.50	38.50	43.50	49.00

HEX BUSHING (TA036)



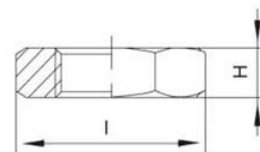
SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
I		14.50	18.00	22.00	27.50	34.00	43.50	49.00	61.50	77.00	89.50	115.00
J		17.00	18.00	22.00	25.00	28.00	30.50	33.00	37.00	40.50	44.00	46.00

SQUARE PLUG(TA035)



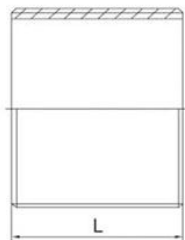
SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
F	15.00	16.00	20.00	21.00	25.00	30.00	34.00	34.00	43.00	46.00	54.00	58.00
G	7.00	9.00	12.00	14.00	17.00	19.00	23.00	28.00	34.00	40.00	45.00	58.00

HEX NUT(TA037)



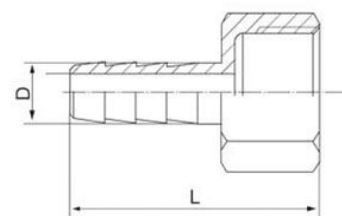
SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
I	17.20	19.00	24.00	30.00	36.00	41.10	50.20	59.90	69.90	90.20	99.70	129.60
H	7.10	7.50	7.70	8.50	9.80	10.50	11.70	12.60	14.20	17.00	21.00	22.90

THREADED NIPPLE(TA038)



SIZE ITEM	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"
L	16.00	18.30	22.00	25.30	30.00	35.00	38.50	39.00	46.00	56.00	60.00	70.50

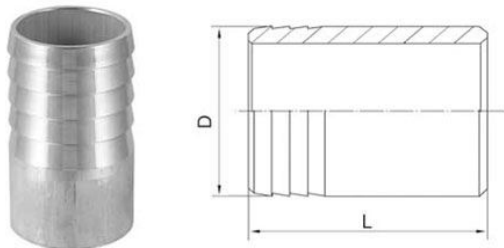
FEMALE HEX.HOSE NIPPLE(TA039)



Standard	size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
SCH-40	D	8	9	11.5	15	20	27	33	39.5	52	67	80	105
	L(mm)	39.5	45	50.5	59	67.5	78	81	85	93.5	103.5	112	121.5

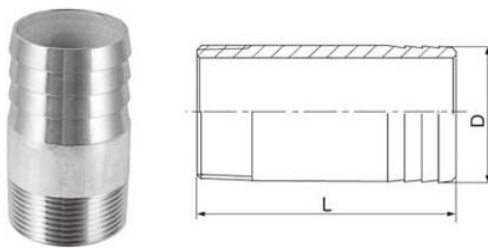
304/316/150LBS PIPE FITTINGS

BW HOSE NIPPLE(TA042)



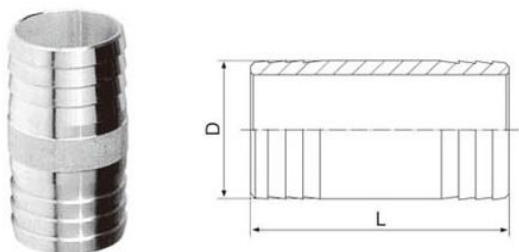
Standard	size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
SCH-40	D	9	13	16	20	25.5	32.4	41	47	59	71.5	87.4	112.8
	L(mm)	36	38	43	48	55	62	62	66	70	75	80	83

MALE HOSE NIPPLE (TA040)



Standard	size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
SCH-40	D	9	13	16	20	25.5	32.4	41	47	59	71.5	87.4	112.8
	L(mm)	47	49	55	63	72	82	83	87	96	103	111	123

DOUBLE HOSE NIPPLE (TA041)



Standard	size	1/8"	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"	2 1/2"	3"	4"
SCH-40	D	9	13	16	20	25.5	32.4	41	47	59	71.5	87.4	112.8
	L(mm)	62	66	76	86	100	114	114	122	130	140	150	156

T-1 1PC Reduced port ball valve Screwed end

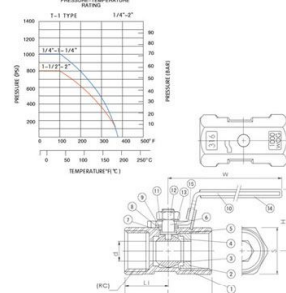
FEATURES

- ◆ Pipe thread in accordance with ANSI B2.1, BS 21-1973, DIN 259/2999, ISO 228
- ◆ Blow-out proof stem/Reduce bore
- ◆ Investment casting body and inscrewed
- ◆ 800PSI (55 BAR)/W.O.G./1000PSI(69 BAR)/W.O.G.
- ◆ Material: ASTM-A351-CF8, ASTM-A351-CF8M, ASTM-A216-WCB
- ◆ OPTION: Locking device
- Oval Handle
- Wing Handle



NO	PARTS	QTY	MATERIAL
1	BODY	1	ASTM-A351-CF8M, ASTM-A216-WCB
2	INSERT	1	ASTM-A351-CF8M, ASTM-A216-WCB
3	BALL	1	ASTM-A351-CF8M, ASTM-A351-CF8M
4	BALL SEAT	2	PTFE
5	JOINT GASKET	1	PTFE
6	STEM	1	ASTM-A316, AISI 316
7	THRUST WASHER	1	PTFE
8	STEM PACKING	1	PTFE
9	STEM WASHER	1	AISI304, AISI304
10	HANDLE	1	AISI304, AISI304
11	SPRING WASHER	1	AISI304, AISI304
12	STEM NUT	1	AISI304, AISI304
13	BEVEL/VILLE WASHER	1	AISI304, AISI304
14	PLASTIC COVER	1	PLASTIC
15	LOCK DEVICE	1	AISI304, AISI304

DIMENSIONS							UNIT:mm
NOMINAL SIZE	d	L	L1	H	W	S	
1/4"	5	39	19	30	70	17	
3/8"	6.8	44	21	34	90	21	
1/2"	9.2	56.5	27.5	41	100	25	
3/4"	12.5	59	29	44	100	32	
1"	15	71	34.5	50	110	38	
1-1/4"	20	78	37	55	110	48	
1-1/2"	25	83	40	64	135	53	
2"	32	100	49	70	145	65	
2-1/2"	38	128	60	83	190	85	
3"	45	153	72	77	189	96	



T-2N 2PC Full port ball valve Screwed end

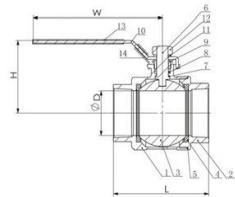
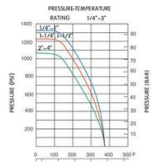
FEATURES

- ◆ Pipe thread in accordance with ANSI B2.1, BS 21-1973, DIN 259/2999, ISO 228
- ◆ Blow-out proof stem/Full port
- ◆ 1000PSI (69 BAR)/W.O.G.
- ◆ Material: ASTM-A351-CF8, ASTM-A351-CF8M
- ◆ OPTION: Locking device
- Oval Handle
- Wing Handle



DIMENSIONS NIT:mm				
SIZE	L	D	H	W
1/4"	40	12.8	51	95
3/8"	49	12.8	51	95
1/2"	57	15	55	95
3/4"	66	20	60	110
1"	78	25	73	135
1-1/4"	90.5	30	78	135
1-1/2"	105	38	81	147
2"	127	50	99	165
2-1/2"	160	65	130	215
3"	180	80	142	215
4"	220	100	165	310

ITEM	PARTS	MATERIALS	QTY
1	BODY	ASTM-A351-CF8M	1
2	CAP	ASTM-A351-CF8M	1
3	BALL	ASTM-A351-CF8M	1
4	BALL SEAT	PTFE	2
5	JOINT GASKET	PTFE	1
6	STEM	AISI316	1
7	THRUST WASHER	PTFE	1
8	STEM PACKING	PTFE	2
9	GLAND NUT	AISI 304	1
10	HANDLE	AISI 304	1
11	STEM WASHER	AISI 304	1
12	STEM NUT	AISI 304	1
13	PLASTIC COVER	PLASTIC	1
14	LOCK DEVICE	AISI 304	1



T-2N M3 2PC Full port ball valve M3 length Screwed end

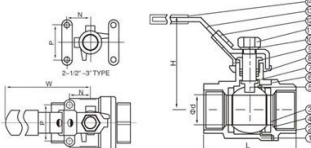
FEATURES

- ◆ Pipe thread in accordance: NPT, BSPT, DIN259, DIN2999, ISO 228 class A
- ◆ Face to face DIN-3202-M3
- ◆ Blow-out proof stem/Full port
- ◆ Investment casting body
- ◆ 1000 PSI (PN63)/W.O.G
- ◆ Locking device
- ◆ Material: S45C/ASTM A216Gr-WCB DIN1.0619, SS316/ASTM A351Gr-CF8M/DIN1.4408



NO	PARTS	MATERIALS
1	BODY	WCB CF8M
2	CAP	WCB CF8M
3	BALL	CF8M
4	SEAT	PTFE
5	STEM	SUS 316
6	GASKET	PTFE
7	THRUST WASHER	PTFE
8	PACKING	PTFE
9	GLAND	AISI 304
10	SPRING WASHER	AISI 304
11	STEM NUT	AISI 304
12	LOCKING DEVICE	AISI 304
13	HANDLE	AISI 304
14	PLASTIC COVER	PLASTIC

DIMENSIONS								UNIT:mm
SIZE								
DN	NPS	d	L	H	W	N	P	
8	1/4"	11.6	50	52	102	12.7	28.5	
10	3/8"	12.7	60	54	102	12.7	28.5	
15	1/2"	15	75	62	123	12.7	28.5	
20	3/4"	20	86	66	123	21.0	35.0	
25	1"	25	90	77	153	21.0	35.0	
32	1-1/4"	32	110	80	153	23.5	38.0	
40	1-1/2"	40	120	91	183	23.5	38.0	
50	2"	50	140	98	183	23.5	38.0	
65	2-1/2"	65	185	138	246	35.0	54.0	
80	3"	80	205	149	246	35.0	54.0	



T-2NF 2PC Full port ball valve Screwed end

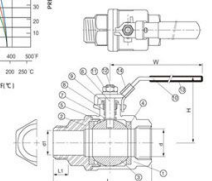
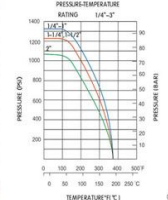
FEATURES

- ◆ Pipe thread in accordance with ANSI B2.1, BS 21-1973, DIN 259/2999, ISO 228
- ◆ Blow-out proof stem/Full port
- ◆ Investment casting body and cap
- ◆ 1000 PSI (69 BAR)/W.O.G.
- ◆ Material: ASTM-A351-CF8, ASTM-A351-CF8M
- ◆ OPTION: Locking device
- Oval Handle
- Wing Handle



NO	PARTS	QTY	T2NF	MATERIAL	T2NF-C
1	BODY	1	ASTM-A351-CF8M	ASTM-A216-WCB	
2	CAP	1	ASTM-A351-CF8M	ASTM-A216-WCB	
3	BALL	1	ASTM-A351-CF8M	ASTM-A351-CF8M	
4	BALL SEAT	2	PTFE	PTFE	
5	JOINT GASKET	1	PTFE	PTFE	
6	STEM	1	AISI 316	AISI 316	
7	THRUST WASHER	1	PTFE	PTFE	
8	STEM PACKING	2	PTFE	PTFE	
9	GLAND NUT	1	AISI304	AISI 304	
10	HANDLE	1	AISI304	AISI 304	
11	SPRING WASHER	1	AISI304	AISI 304	
12	STEM NUT	1	AISI304	AISI 304	
13	PLASTIC COVER	1	PLASTIC	PLASTIC	
14	LOCK DEVICE	1	AISI304	AISI 304	

DIMENSIONS							UNIT:mm	
NOMINAL SIZE	d	d1	L	L1	H	W	Cv Factor	TORQUE kgf-cm
1/4"	12.8	7.0	63	12.6	51	95	6.6	40
3/8"	12.8	8.5	63.5	13.2	51	95	7.9	40
1/2"	15	12.5	74	16.7	55	95	11.2	54
3/4"	20	17.5	82	18.2	59	110	21	74
1"	25	23.8	98.5	21	73	135	35	104
1-1/4"	32	30.8	112.4	23.5	78	135	57	135
1-1/2"	38	36.6	126.4	23.5	91	147	80	180
2"	50	47.5	151.7	27.8	99	165	148	250



T-2IN 2PC Full port ball valve Screwed end

FEATURES

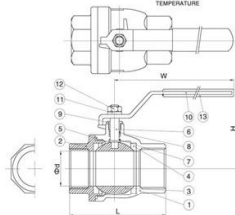
- ◆ Pipe thread in accordance with
ANSI B2.1, BS 21-1973, DIN 259/2999, ISO 228
- ◆ 800 PSI (55BAR) W.O.G./1000PSI (69 BAR) W.O.G.
- ◆ Blow-out proof stem/Full port
- ◆ Investment casting body and cap
- ◆ Material: ASTM-A351-CF8, ASTM-A351-CF8M
ASTM-A216-WCB



DIMENSIONS

SIZE	Ød	L	H	W	Cv	TORQUE Ft-lb/IN
1/2"	15	57	55	95	11.2	54
3/4"	20	65	60	95	21	74
1"	25	78	75	135	35	104
1-1/4"	32	90.5	80	135	57	135
1-1/2"	38	104	93	147	80	180
2"	50	127	100	165	148	290
2-1/2"	65	158	132	215	265	480

ITEM	PARTS	QTY	T2M	MATERIAL	T2M-C
1	BODY	1	ASTM-A351-CF8M	ASTM-A216-WCB	
2	CAP	1	ASTM-A351-CF8M	ASTM-A216-WCB	
3	BALL	1	ASTM-A351-CF8M	ASTM-A351-CF8M	
4	BALL SEAT	2	PTFE	PTFE	
5	JOINT GASKET	1	PTFE	PTFE	
6	STEM	1	AISI 316	AISI 316	
7	THRUST WASHER	1	PTFE	PTFE	
8	STEM PACKING	2	PTFE	PTFE	
9	GLAND NUT	1	AISI 304	AISI 304	
10	HANDLE	1	AISI 304	AISI 304	
11	SPRING WASHER	1	AISI 304	AISI 304	
12	STEM NUT	1	AISI 304	AISI 304	
13	PLASTIC COVER	1	PLASTIC	PLASTIC	



T-2IM 2PC Full port ball valve Screwed end

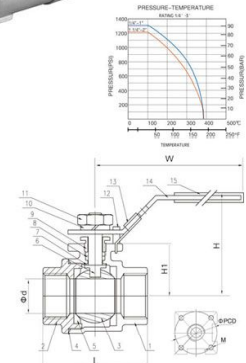
FEATURES

- ◆ Pipe thread in accordance with ANSI B2.1, BS 21-1973,
DIN 259/2999, ISO 228
- ◆ Blow-out proof stem/Full port
- ◆ Investment casting body and cap
- ◆ 1000 PSI (69 BAR) W.O.G.
- ◆ Material: ASTM-A351-CF8, ASTM-A351-CF8M
ASTM-A216-WCB
- ◆ OPTION: Locking device
Oval Handle
Wing Handle



ITEM	PARTS	QTY	T2M	MATERIAL	T2M-C
1	BODY	1	ASTM-A351-CF8M	ASTM-A216-WCB	
2	CAP	1	ASTM-A351-CF8M	ASTM-A216-WCB	
3	BALL	1	ASTM-A351-CF8M	ASTM-A351-CF8M	
4	JOINT GASKET	1	PTFE	PTFE	
5	BALL SEAT	2	PTFE	PTFE	
6	STEM	1	AISI 316	AISI 316	
7	THRUST WASHER	1	PTFE	PTFE	
8	STEM PACKING	2	PTFE	PTFE	
9	GLAND NUT	1	AISI 304	AISI 304	
10	STEM WASHER	1	AISI 304	AISI 304	
11	STEM NUT	1	AISI 304	AISI 304	
12	STOP PIN	1	AISI 304	AISI 304	
13	LOCK DEVICE	1	AISI 304	AISI 304	
14	HANDLE	1	AISI 304	AISI 304	
15	PLASTIC COVER	1	PLASTIC	PLASTIC	

SIZE	L	Ød	H1	ØPCD	M	H	W
1/4"	49	12.8	23.5	36	M5	58	95
3/8"	49	12.8	23.5	36	M5	58	95
1/2"	57	15	26.5	36	M5	60	95
3/4"	65	20	31	36	M5	60	110
1"	78	25	36	42	M5	73	135
1-1/4"	90.5	32	42	42	M5	80	135
1-1/2"	105	38	51	50	M8	93	168
2"	127	50	60	50	M8	103	168



T-3N 3PC Full port ball valve Screwed end

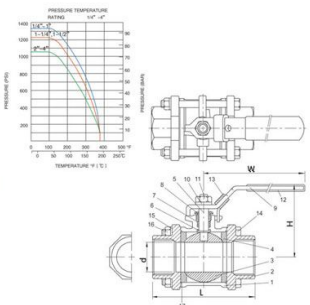
FEATURES

- ◆ Pipe thread in accordance with ANSI B2.1, BS 21-1973, DIN 259/2999, ISO 228
- ◆ Blow-out proof stem/Full port
- ◆ Investment casting body and cap
- ◆ 1000 PSI (69 BAR) W.O.G.
- ◆ Material: ASTM-A351-CF8, ASTM-A216-WCB
- ◆ OPTION: Locking device
Oval Handle
Wing Handle



NO	PARTS	QTY	T3N	MATERIAL	T3N-C
1	BODY	1	ASTM-A351-CF8M	ASTM-A216-WCB	
2	CAP	2	ASTM-A351-CF8M	ASTM-A216-WCB	
3	BALL	1	ASTM-A351-CF8M	ASTM-A351-CF8M	
4	BALL SEAT	2	PTFE	PTFE	
5	STEM	1	AISI 316	AISI 316	
6	THRUST WASHER	1	PTFE	PTFE	
7	STEM PACKING	2	PTFE	PTFE	
8	GLAND NUT	1	AISI 304	AISI 304	
9	HANDLE	1	AISI 304	AISI 304	
10	STEM WASHER	1	AISI 304	AISI 304	
11	STEM NUT	1	AISI 304	AISI 304	
12	PLASTIC COVER	1	PLASTIC	PLASTIC	
13	LOCK DEVICE	1	AISI 304	AISI 304	
14	BOLT	4-6	AISI 304	AISI 304	
15	SPRING WASHER	4-6	AISI 304	AISI 304	
16	HEX NUT	4-6	AISI 304	AISI 304	
17	JOINT GASKET	2	PTFE	PTFE	

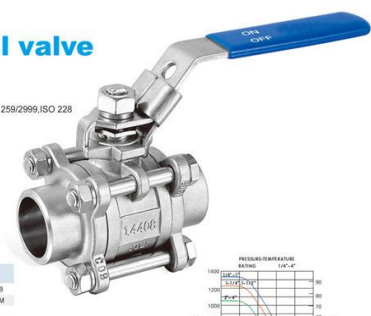
NOMINAL SIZE	Ød	L	H	W	Cv	TORQUE Ft-lb/IN
1/4"	12.8	59	51	95	6.6	40
3/8"	12.8	59	51	95	7.9	40
1/2"	15	64	55	95	11.2	54
3/4"	20	75	59	110	21	74
1"	25	85	73	135	34	104
1-1/4"	32	97	78	135	57	135
1-1/2"	38	110	91	147	80	180
2"	50	132	99	165	148	290
2-1/2"	65	167	130	215	265	500
3"	80	187	142	215	415	770
4"	100	230	174	310	780	1100



T-3BW 3PC Full port ball valve Screwed end

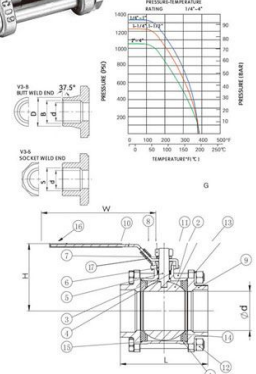
FEATURES

- ◆ Pipe thread in accordance with ANSI B2.1, BS 21-1973, DIN 259/2999, ISO 228
- ◆ Blow-out proof stem/Full port
- ◆ Investment casting body and cap
- ◆ 1000 PSI (69 BAR) W.O.G.
- ◆ Butt weld end, socket weld end
- ◆ Material: ASTM-A351-CF8M,
ASTM-A351-CF8&ASTM-A216-WCB
- ◆ OPTION: Locking device
Oval Handle
Wing Handle



ITEM	PARTS	QTY	T3BW	MATERIAL	T3BW-C
1	BODY	1	ASTM-A351-CF8M	ASTM-A216-WCB	
2	BALL	1	ASTM-A351-CF8M	ASTM-A351-CF8M	
3	THRUST WASHER	1	PTFE	PTFE	
4	STEM PACKING	2	PTFE	PTFE	
5	STEM	1	AISI 316	AISI 316	
6	GLAND NUT	1	AISI 304	AISI 304	
7	STEM WASHER	1	AISI 304	AISI 304	
8	STEM NUT	1	AISI 304	AISI 304	
9	CAP	2	ASTM-A351-CF8M	ASTM-A216-WCB	
10	HANDLE	1	AISI 304	AISI 304	
11	BOLT	4-6	AISI 304	AISI 304	
12	HEX NUT	4-6	AISI 304	AISI 304	
13	SPRING WASHER	4-6	AISI 304	AISI 304	
14	BALL SEAT	2	PTFE	PTFE	
15	JOINT GASKET	2	PTFE	PTFE	
16	PLASTIC COVER	1	PLASTIC	PLASTIC	
17	LOCK DEVICE	1	AISI 304	AISI 304	

NOMINAL SIZE	Ød	L	H	W	B	D	S
1/4"	12.8	59	51	95	12	18	14.1
3/8"	12.8	59	51	95	14	18	17.6
1/2"	15	64	55	95	17.1	22	21.7
3/4"	20	75	59	110	22.5	27.5	27.1
1"	25	85	73	135	28	33.5	33.8
1-1/4"	32	97	78	135	33.5	44	42.6
1-1/2"	38	110	91	147	43	50	48.7
2"	50	132	99	165	53	61.5	61.1
2-1/2"	65	167	130	215	65	76	76.9
3"	80	187	142	215	80	92	89.8
4"	100	230	174	310	100	115	115.4



T-3M

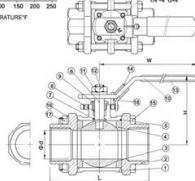
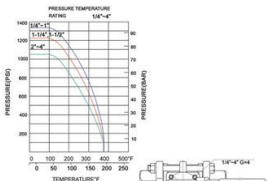
3PC Mounting pad full port ball valve Screw end

FEATURES

- ◆ Pipe thread in accordance with ANSI B2.1, BS 21-1973, DIN 259/2999, ISO 228
- ◆ Blow-out proof stem/Full port
- ◆ Investment casting body and cap
- ◆ 1000 PSI (69 BAR)/W.O.G.
- ◆ Mounting Pad for ISO 5211
- ◆ Screwed end.
- ◆ Material: ASTM-A351-CF8, ASTM-A351-CF8M, ASTM-A216-WCB
- ◆ OPTION: Locking device

ITEM	PARTS	QTY	TSM	MATERIAL	TSM-C
1	BODY	1	ASTM-A351-CF8M	ASTM-A216-WCB	
2	CAP	2	ASTM-A351-CF8M	ASTM-A216-WCB	
3	BALL	1	ASTM-A351-CF8M	ASTM-A351-CF8M	
4	BALL BEAT	2	PTFE	PTFE	
5	JOINT GASKET	2	PTFE	PTFE	
6	STEM	1	ASTM-A316	ASTM-A316	
7	THRUST WASHER	1	PTFE	PTFE	
8	STEM PACKING	2	PTFE	PTFE	
9	GLAND NUT	1	ASTM-A304	ASTM-A304	
10	HANDLE	1	ASTM-A304	ASTM-A304	
11	STEM WASHER	1	ASTM-A304	ASTM-A304	
12	STEM NUT	1	ASTM-A304	ASTM-A304	
13	PLASTIC COVER	1	PLASTIC	PLASTIC	
14	LOCK DEVICE	1	ASTM-A304	ASTM-A304	
15	BOLT	4/34(MPCS)	ASTM-A304	ASTM-A304	
16	SPRING WASHER	4/34(MPCS)	ASTM-A304	ASTM-A304	
17	HEX NUT	4/34(MPCS)	ASTM-A304	ASTM-A304	
18	STOP PIN	1	ASTM-A304	ASTM-A304	

DIMENSIONS										NIT:mm	
NOMINAL SIZE	Ød	L	H	W	ISO 5211	ØM	Q	Cv Factor	TORQUE kgf.cm		
1/4"	12.8	59	51	95	36	M5	6.6	40			
3/8"	12.8	59	51	95	36	M5	7.9	40			
1/2"	15	64	55	95	36	M5	11.2	54			
3/4"	20	75	63	110	36	M5	21	78			
1"	25	85	74	135	42	M5	35	106			
1-1/4"	32	97	80	135	50	M6	67	150			
1-1/2"	38	110	92	175	50	M6	80	200			
2"	50	132	107	180	70	M8	150	280			
2-1/2"	65	157	128	220	70	M8	255	500			
3"	80	187	138	250	70	M8	415	770			
4"	100	230	180	300	102	M10	780	1100			



T-3N M3

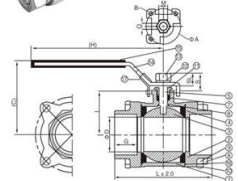
3PC Full port ball valve M3 length Screw end

FEATURES

- ◆ Blow-out proof stem/Full port
- ◆ Pipe thread in accordance with ISO-228 thread
DIN 3202-M3 length, BSP, NPT
- ◆ Pressure 1000 PSI(PN3)
- ◆ Material: ASTM A351-CF8M, ASTM A216-WCB
- ◆ Mounting pad for ISO 5211

ITEM	PARTS	MATERIAL
1	BODY	CF8M-1.4408 WCB-1.0619
2	CAP	CF8M-1.4408 WCB-1.0619
3	BALL	CF8M-1.4408
4	SEAT	PTFE 151GF
5	STEM/ANTI-SHOCK	ASTM-A316-1.4401
6	THRUST WASHER	PTFE
7	STEM PACKING	PTFE
8	BOLT	AISI304
9	NUTS	AISI304
10	SPRING WASHER	AISI304
11	GLAND NUTS	AISI304
12	SPRING WASHER	AISI304
13	HANDLE NUTS	AISI304
14	HANDLE	AISI304
15	HANDLE BLEEVE	PTFE
16	BODY SEAL	PTFE
17	LOCKING DEVICE	AISI304

DIMENSIONS											NIT:mm						
NOMINAL SIZE	ISO 5211											N	I	S	SL	M	O
	A	B	C	D	G	H	L	L1	S	SL	M						
1/4"	42	M5	55	10.6	11.5	108	50	28	14	10	8	5					
3/8"	42	M5	55	12.7	15	108	60	28	14	10	8	5					
1/2"	42	M5	64	15	22	121	75	30	16.8	11	9.5	6.5					
3/4"	42	M5	70	20	21.5	121	80	34.8	17.7	11	9.5	6.5					
1"	42	M5	75	25	22.5	155	90	37.6	23.7	17.5	11	8					
1-1/4"	42	M5	83	32	28.5	155	110	43.3	24.6	16	11	8					
1-1/2"	50	M6	98	38	28.5	192	120	53.4	25.4	17.5	12.5	9					
2"	60	M6	105	46	32	192	140	61.7	24.7	17.5	12.5	9					
2-1/2"	70	M8	148	65	38	257	185	79.7	44.7	29.5	19	12					
3"	80	M8	165	85	40	257	205	87	43.2	29.5	19	12					
4"	102	M10	183	102	42	285	240	115.2	49	40	25	16					



T-1FW

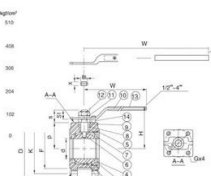
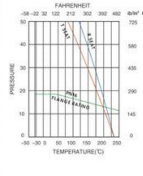
1PC Wafer type full port ball valve Flange end

FEATURES

- ◆ Material: ASTM-A351-CF8, ASTM-A351-CF8M
- ◆ Trim in: ASTM-A351-CF8M
- ◆ Flange: PN16
- ◆ Mounting Pad for ISO 5211
- ◆ Anti-static device, fire safe design
- ◆ Blow-out proof stem, lever operated
- ◆ Full port, solid ball

ITEM	PARTS	QTY	MATERIAL
1	BODY	1	ASTM-A351-CF8M
2	INSERT	1	ASTM-A351-CF8M
3	BALL	1	ASTM-A351-CF8M
4	BALL BEAT	2	PTFE
5	JOINT GASKET	1	PTFE
6	STEM	1	AISI 316
7	THRUST WASHER	1	PTFE
8	STEM PACKING	2	PTFE
9	HIGH WASHER	1	AISI 304
10	HANDLE	1	AISI 304
11	SPRING WASHER	1	AISI 304
12	STEM NUT	2	AISI 304
13	PLASTIC COVER	1	PLASTIC
14	STOP PIN	1	AISI 304

DIMENSIONS																UNIT:mm	
DN	Ø	L	D	K	N1	B	F	P	S	S1	X	BL	ISO 5211G	H	W	Cv Factor	TORQUE kgf.cm
15	15	40	95	85	4-M 12x1.75	14	45	34.5	17	10.5	6.5	10	F03	63	125	10	28
20	20	44	105	75	4-M 12x1.75	16	58	38.5	17	10.5	6.5	10	F03	68	125	25	80
25	25	53	115	85	4-M 12x1.75	16	68	44.6	24	15.5	8.7	14	F04	81	160	35	108
32	32	58.4	140	100	4-M 16x2.0	16	78	51	24	16.5	9.7	14	F04	87	160	40	150
40	38	62	150	110	4-M 16x2.0	16	89	55	29	21	10	16	F05	98	200	80	200
50	50	72	165	125	4-M 16x2.0	18	102	63	29	21	10	16	F05	105	200	110	300
65	65	94	185	145	4-M 16x2.0	18	122	73.5	36	28	12	20	F07	121	250	310	515
80	76	118	200	160	8-M 16x2.0	20	138	94	36	26	12	20	F07	153	285	350	810
100	95	140	220	180	8-M 16x2.0	20	158	105.5	36	28	12	20	F07	164	338	720	1130



T-1FMH

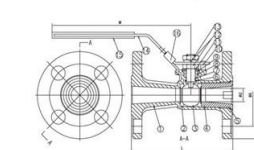
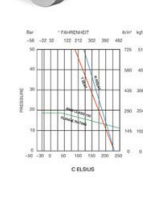
1-PC Reduced port ball valve Flange end

FEATURES

- ◆ Material: ASTM-A351-CF8, ASTM-A351-CF8M, ASTM-A216-WCB
- ◆ Trim in: ASTM-A351-CF8M
- ◆ Flange: ANSI B16.5 class 150
- ◆ Face to face: ANSI B16.10
- ◆ Mounting Pad For ISO 5211
- ◆ Anti-static device, fire safe design
- ◆ Blow-out proof stem, lever operated
- ◆ Standard bore, solid ball
- ◆ OPTION: Locking Device

NO	PARTS	QTY	STAINLESS STEEL	CARBON STEEL
1	BODY	1	ASTM-A351-CF8M	ASTM-A216-WCB
2	BALL BEAT	2	PTFE	PTFE
3	BALL	1	ASTM-A351-CF8M	ASTM-A351-CF8M
4	INSERT	1	ASTM-A351-CF8M	ASTM-A216-WCB
5	JOINT GASKET	1	PTFE	PTFE
6	THRUST WASHER	1	PTFE	PTFE
7	STEM	1	AISI 316	AISI 316
8	STEM PACKING	1	PTFE	PTFE
9	HIGH WASHER	1	AISI 304	AISI 304
10	STOP PIN	1	AISI 304	AISI 304
11	B.V.WASHER	2	AISI 301	AISI 301
12	STEM NUT	2	AISI 304	AISI 304
13	SPRING WASHER	1	AISI 304	AISI 304
14	HANDLE	1	AISI 304	AISI 304
15	PLASTIC COVER	1	PLASTIC	PLASTIC
16	LOCK DEVICE	1	AISI 304	AISI 304

DIMENSIONS									NIT:mm	
NOMINAL SIZE	Ød	ISO-5211 øPd	M	A	C	W	L	Torque N.m		
1/2"	10	F03	M5	60.5	89	140	108	5		
3/4"	15	F03	M5	70.0	98	160	117	8		
1"	20	F03	M5	79.5	108	180	127	10		
1-1/2"	32	F04	M5	98.5	127	200	165	20		
2"	40	F05	M6	120.5	152	200	178	30		
2-1/2"	50	F07	M8	139.5	178	220	190	40		
3"	65	F07	M8	152.5	190	260	203	60		
4"	80	F07	M8	190.5	229	380	229	95		



VALVE SERIES

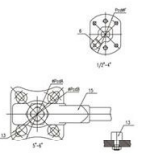
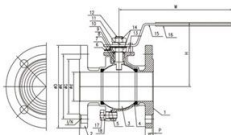
T-2F
2PC Full port ball valve
Flange end

FEATURES

- Body&cap in ASTM-A351-CF8
- ASTM-A351-CF8M,ASTM-A216-WCB
- Flange DIN 2633 PN16 DIN 2635 PN40
- Face to face DIN 3202 F1/F4F5
- Anti-static device, fire safe design
- Blow-out proof stem, lever operated
- Full port, solid ball/hollow Ball
- Mounting Pad For ISO 5211
- OPTION: Fixed Handle

ITEM	PARTS	QTY	T2F PN16	T2F PN16-C
1	BODY	1	ASTM-A351-CF8M	ASTM-A216-WCB
2	CAP	1	ASTM-A351-CF8M	ASTM-A216-WCB
3	BALL	1	ASTM-A351-CF8M	ASTM-A351-CF8M
4	BALL SEAT	2	PTFE	PTFE
5	JOINT GASKET	1	PTFE	PTFE
6	STOPPER	1	AISI 304	AISI 304
7	THRUST WASHER	1	PTFE	PTFE
8	STEM PACKING	1	PTFE	PTFE
9	HIGH WASHER	1	AISI 304	AISI 304
10	B WASHER	2	AISI 301	AISI 301
11	SPRING WASHER	1	AISI 304	AISI 304
12	STEM	1	AISI 316	AISI 316
13	STOP PIN	1	AISI 304	AISI 304
14	STEM NUT	2	AISI 304	AISI 304
15	HANDLE	1	AISI 304	AISI 304
16	PLASTIC COVER	1	PLASTIC	PLASTIC
17	BOLT	1	PLASTIC	AISI 304
18	SPRING WASHER	1	PLASTIC	AISI 304

DIMENSIONS														UNIT:mm	
NOMINAL SIZE	Ød	Øg	Øk	ØL	B	UN	P	ISO 5211 PCD-RF	H	W	ØP10A	ØP10B	TORQUE	ØP10C	ØP10D
1/2"	15	45	65	95	115	14	144	2	4.42x45	75	135	---	---	54	---
3/4"	20	50	70	105	125	16	144	2	4.42x45	75	135	---	---	78	---
1"	25	55	75	115	135	16	144	2	4.50x45	85	140	---	---	106	---
1 1/4"	32	78	100	140	160	16	144	2	4.50x45	90	140	---	---	150	---
1 1/2"	38	88	110	150	170	16	144	3	4.70x45	125	210	---	---	200	---
2"	50	102	125	165	190	16	144	3	4.70x45	130	210	---	---	280	---
2 1/2"	65	122	145	185	210	18	184	3	4.70x45	160	250	---	---	500	---
3"	80	138	160	200	220	18	184	3	4.70x45	170	300	---	---	770	---
4"	100	158	180	220	240	20	184	3	4.102x40	180	320	---	---	1130	---
6"	124	188	210	260	280	22	228	3	---	200	470	F10B102	F10B105	1500	---
8"	150	215	240	280	300	22	228	3	---	215	500	F10B102	F10B105	1800	---

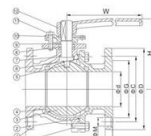
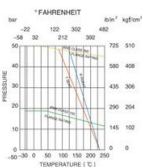


T-2F 150LB
2PC Full port ball valve
Flange end

FEATURES

- Material: ASTM-A351-CF8, ASTM-A351-CF8M, ASTM-A216-WCB
- Trim in ASTM-A351-CF8M
- Flange: ANSI B16.5 class 150
- Face to face: ANSI B16.10
- Mounting Pad For ISO 5211
- Anti-static device, fire safe design
- Blow-out proof stem, lever operated
- Standard bore, solid ball
- OPTION: Locking Device

NO.	PARTS	MATERIAL
1	BODY	WCB
2	CAP	WCB
3	BALL	CF8
4	BALL SEAT	CF8
5	STEM	WCB
6	JOINT GASKET	PTFE
7	THRUST WASHER	PTFE
8	STEM PACKING	PTFE
9	GLAND NUT	PTFE
10	GLAND BOLT	AISI 304
11	STOP PIN	AISI 304
12	HANDLE	CF8
13	STOP RING	AISI 304
14	STOPPER	AISI 304
15	BOLT	AISI 304



DIMENSIONS														UNIT:mm	
NOMINAL SIZE	Ød	Øg	Øk	ØL	B	UN	P	ISO 5211 PCD-RF	H	W	ØP10A	ØP10B	TORQUE	ØP10C	ØP10D
1/2"	15	35	60.5	89	108	12.1	4	42	M5	76	100	10	---	---	---
3/4"	20	43	70	98	117	12.1	4	42	M5	79	160	10	---	---	---
1"	25	51	78.5	108	127	12.1	4	50	M6	82	160	10	---	---	---
1 1/4"	32	51	78.5	108	140	12.1	4	50	M6	86	160	10	---	---	---
1 1/2"	38	73	98.5	127	165	14.5	4	70	M8	106	200	10	---	---	---
2"	50	92	120.5	152	178	15.0	4	70	M8	113	200	10	---	---	---
2 1/2"	65	105	138.5	178	190	17.5	4	70	M8	156	320	19	---	---	---
3"	80	127	152.5	190	203	19.1	4	102	M10	165	320	19	---	---	---
4"	100	157	180.5	229	229	23.9	8	102	M10	185	320	19	---	---	---

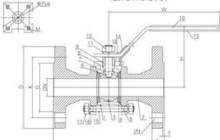
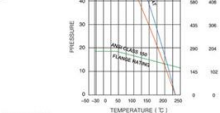
T-3F
3PC Full port ball valve
Flange end

FEATURES

- Face-to-face DIN 3202-F1 ANSI 16.1
- Blow-out proof stem/Full Port
- Mounting Pad For ISO 5211
- Investment casting body and cap
- Material: ASTM-A351-CF8
- ASTM-A351-CF8M & ASTM-A216-WCB
- OPTION: Locking device

ITEM	PARTS	QTY	T-3F	T-3F-C
1	BODY	1	ASTM-A351-CF8M	ASTM-A216-WCB
2	FLANGED END CAP	2	ASTM-A351-CF8M	ASTM-A216-WCB
3	BALL	1	ASTM-A351-CF8M	ASTM-A351-CF8M
4	BALL SEAT	2	PTFE	PTFE
5	JOINT GASKET	2	PTFE	PTFE
6	STEM	1	AISI 316	AISI 316
7	THRUST WASHER	1	PTFE	PTFE
8	STEM PACKING	2	PTFE	PTFE
9	GLAND NUT	1	AISI 304	AISI 304
10	HANDLE	1	AISI 304	AISI 304
11	STEM WASHER	1	AISI 304	AISI 304
12	STEM NUT	1	AISI 304	AISI 304
13	PLASTIC COVER	1	PLASTIC	PLASTIC
14	LOCK DEVICE	1	AISI 304	AISI 304
15	STUD BOLT	4-6	AISI 304	AISI 304
16	SPRING WASHER	4-6	AISI 304	AISI 304
17	HEX NUT	4-6	AISI 304	AISI 304
18	STOP PIN	1	AISI 304	AISI 304

DIMENSIONS																			UNIT:mm					
SIZE	F1	ANSI150	D	K	G	B	UN	D	K	G	B	UN	T	H	W	PCD	M	Cv	FACTOR	TORQUE	Kg-cm			
150	150	128	95	85	45	15	144	95	85	45	15	144	95	85	45	15	144	95	85	45	15	144	95	
200	200	157	105	75	50	15	144	105	75	50	15	144	95	70	43	12.7	154	2	85	160	606	M5x0.8	21	
250	250	127	115	85	68	15	144	115	85	68	15	144	108	78.5	51	14.3	154	2	85	160	642	M5x0.8	35	
320	320	140	150	78	18	184	140	150	78	18	184	140	150	78	18	184	140	150	78	18	184	140	150	
400	400	185	150	110	88	18	184	150	110	88	18	184	127	88.5	73	17.5	154	3	110	170	650	M5x1	82	
500	500	178	165	125	102	20	184	165	125	102	20	184	152	120.5	92	19.1	194	3	115	200	670	M8x1.25	150	
600	600	185	145	122	22	188	185	145	122	22	188	178	139.5	105	22.3	194	3	120	270	670	M8x1.25	265	510	
800	800	203	200	180	138	24	188	200	180	138	24	188	160	152.5	127	23.8	194	3	140	270	670	M8x1.25	415	780
1000	1000	225	225	190	162	24	228	225	190	162	24	228	225	190.5	157	23.9	198	3	180	300	6102	M10x1.5	780	



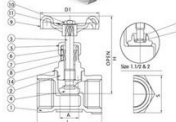
T-GL
Class 200 Globe valve

FEATURES

- Threaded ends conform to ANSI B 2.1, BS 21-1973, DIN 259/2999, ISO 228
- Stainless steel class 200 inside screw and screwed bonnet, swivel disc integral seat, rising stem and handwheel.

ITEM	PARTS	MATERIAL
1	BODY	CF8M
2	BONNET	CF8M
3	STEM	SS316
4	DISC	SS316
5	PACKING NUT	CF8M
6	PACKING WASHER	SS304
7	GLAND PACKING	PTFE
8	PACKING WASHER	SS304
10	WHEEL NUT	SS304
11	PLATE	ALUMINUM
12	DISC WASHER	SS316
13	LOCK NUT	SS316
14	JOINT GASKET	PTFE

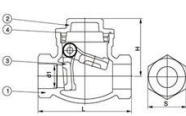
DIMENSIONS										UNIT:mm	
SIZE	L	H	D1	S	A	I	Ø	Ø1	Ø2	Ø3	Ø4
1/2"	45	80	70	21	10	3.5	---	---	---	---	---
3/4"	45	80	70	21	10	3.5	---	---	---	---	---
1"	45	80	70	21	10	3.5	---	---	---	---	---
1 1/4"	80	86	70	31	15	6	---	---	---	---	---
1 1/2"	71.5	103	80	40	20	7.5	---	---	---	---	---
2"	81	105	80	50	25	10	---	---	---	---	---
2 1/2"	91	124	80	64	32	11	---	---	---	---	---
3"	101	136	100	67	40	12	---	---	---	---	---



T-C
Class 200 Swing check valve

FEATURES

- Threaded ends conform to ANSI B 2.1, BS 21-1973, DIN 259/2999, ISO 228
- Stainless steel class 200 screwed cap, swing type disc, integral



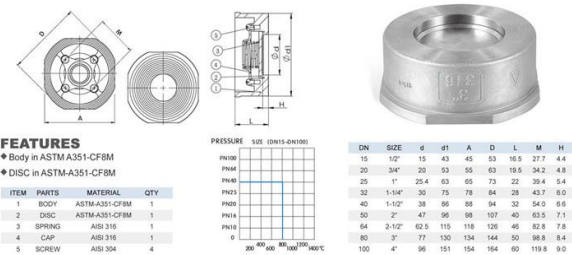
ITEM	PARTS	MATERIAL
1	BODY	CF8M
2	CAP	CF8M
3	DISC	CF8M
4	JOINT GASKET	PTFE
5	PLUG	SS316
6	HANGER PIN	SS316
7	THRUST WASHER	PTFE



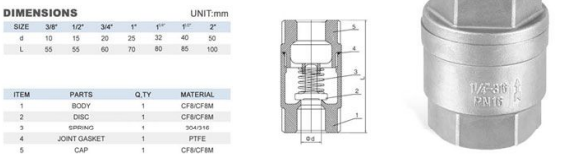
DIMENSIONS										UNIT:mm	
SIZE	Ø1	H	L	S	Ø	Ø1	Ø2	Ø3	Ø4	Ø5	Ø6
1/2"	15	41	65	26	---	---	---	---	---	---	---
3/4"	20	49.5	80	31	---	---	---	---	---	---	---
1"	25	55	82	39	---	---	---	---	---	---	---
1 1/4"	32	62.5	105	50	---	---	---	---	---	---	---
1 1/2"	40	70.5	120	58	---	---	---	---	---	---	---
2"	50	79.5	140	68	---	---	---	---	---	---	---
2 1/2"	65	93	180	87	---	---	---	---	---	---	---
3"	80	104	200	102	---	---	---	---	---	---	---

VALVE SERIES

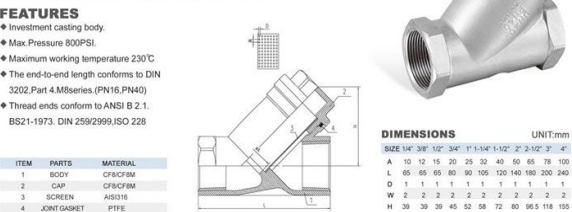
T-1WC
1PC Wafer disc check valve



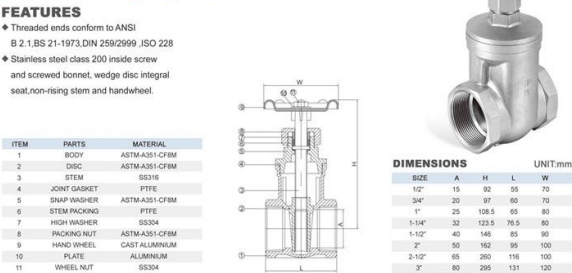
T-2WC
2PC-Spring vertical check valve threaded



T-Y
Y-Strainer screwed end



T-GA
Class 200 Gate valve



T-3WC
3PC-Spring vertical check valve threaded



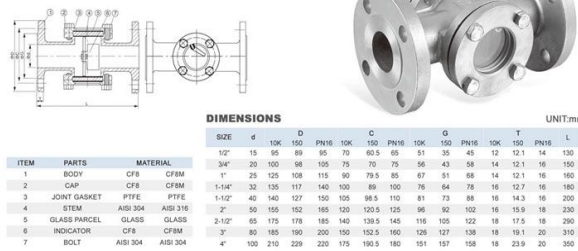
T-P
Piston check valve screwed end



T-SGS
Sight glass screwed end

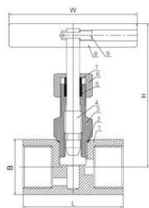


T-SGF
Sight glass flange end



VALVE SERIES

T-GDL
Class 6000 PSI needle valve



- FEATURES**
- ◆ Investment casting
 - ◆ Screwed-In Bonnet
 - ◆ Rising Stem
 - ◆ T Handle Operation
 - ◆ Connecting Threads: ANSI B2.1, BS 21-1973.
 - ◆ DIN259/2999, IS 6000 PSI



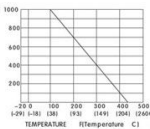
DIMENSIONS UNIT:mm

SIZE	L	H	W	B
1/4"	45	69	50	22
3/8"	50	72	50	24
1/2"	63	82	65	30
3/4"	64	95	65	35
1"	78	109	100	42

ITEM	PARTS	MATERIAL	Q.TY
1	BODY	316	1
2	JOINT GASKET	PTFE	1
3	CAP	316	1
4	STEM	316	1
5	STEM PACKING	PTFE	2
6	PROCKING NUT	316	1
7	HIGH WASHER	304	1
8	HANDLE	304	1
9	BOLTS	304	1

T-3WAY
3WAY Reduced port ball valve

- FEATURES**
- ◆ Body/cap in ASTM-A351-CF8, ASTM-A351-CF8M
 - ◆ Blow-out proof stem, lever operated
 - ◆ 1000 PSI(69 BAR)/W.O.G.
 - ◆ Mounting Pad for ISO 5211
 - ◆ L port,T port
 - ◆ OPTION: Locking device



ITEM	PARTS	MATERIAL	Q.TY
1	BODY	ASTM-A351-CF8M	1
2	END CAP	ASTM-A351-CF8M	2
3	BALL SEAT	PTFE	4
4	BALL	ASTM-A351-CF8M	1
5	STEM	ASTM-A351	1
6	END SEALS	PTFE	2
7	THRUST WASHER	PTFE	1
8	GLAND NUT	ASTM-A304	1
9	HANDLE	ASTM-A304	1
10	HANDLE WASHER	ASTM-A304	1
11	WASH	ASTM-A304	1
12	HANDLE NUT	ASTM-A304	1
13	PLASTIC COVER	PLASTIC	1
14	END CAP	ASTM-A351-CF8M	1
15	STEM PACKING	PTFE	2
16	END SEALS	PTFE	1
17	LOCK	ASTM-A304	1
18	STOP PIN	ASTM-A304	1

DIMENSIONS

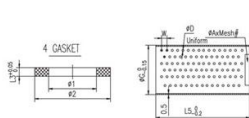
SIZE	ΦA	L	B	D	C	A	F	W	H	M	N	Cv FACTOR	TORQUE Kgf·cm
1/4"	12.7	64	6.0	9.0	12.7	10.2	32	132	60	42	MS+0.8	68	7.8
3/8"	12.7	75	6.0	9.0	12.7	10.2	37.5	132	60	42	MS+0.8	68	9.5
1/2"	12.7	75	6.0	9.0	12.7	10.2	37.5	132	60	42	MS+0.8	68	9.5
3/4"	16.0	84	6.0	10.7	15.0	16.0	42	155	73	50	MS+1	105	14.0
1"	20.0	101	7.5	10.7	15.0	18.0	50.5	155	80	50	MS+1	196	26.0
1-1/4"	25.0	119	7.5	10.7	15.0	18.0	54.5	155	85	50	MS+1	296	43.0
1-1/2"	32.0	130	8.5	14.0	20.0	19.0	65	210	103	70	MS+1.25	363	70.0
2"	38.0	151	8.5	14.0	20.0	19.0	75.5	210	110	70	MS+1.25	500	102.0

T-Y(OBM)
Y Strainer

- FEATURES**
- ◆ Thread standard: JIS B 0203 (ISO 7-1) JIS B 0203 (ISO 7-1)
 - ◆ Connecting thread: RC
 - ◆ TEST PRESSURE (MPa): JIS B 2003
 - ◆ Air pressure: 0.59Mpa
 - ◆ Circulation of media:



Fluid	Temperature	Pressure	ITEM	PARTS	MATERIAL
Water	0°C-183°C	≤4.11Mpa	1	BODY	304
Steam	100°C-183°C	≤0.98Mpa	2	CAP	304
Air	-5°C-80°C	≤0.98Mpa	3	SCREEN	304
Gas	-5°C-80°C	≤0.98Mpa	4	GASKET	PTFE



VALVE SERIES

T-GL-Y
Globe valve Y type

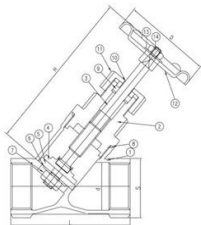
FEATURES

- ◆ Investment casting body & cap.
- ◆ Max.Pressure 800PSI.
- ◆ Maximum working temperature 230°C
- ◆ The end-to-end length conforms to DIN2002 Part4. M8 series (PN40)
- ◆ Thread ends conforms to ANSI B2 1.6S 21-1973,DIN 259/2999,ISO228

DIMENSIONS

SIZE	d	L	S	H	D
1/2"	12.5	65	27	87	70
3/4"	18	75	32	110	70
1"	23.5	90	41	130	80
1-1/4"	32	110	50	150	80
1-1/2"	38	120	58	160	90
2"	46	150	70	180	100

ITEM	PARTS	Q'TY	MATERIALS
1	BODY	1	ASTM-A351-CF8M
2	INSERT	1	ASTM-CF8M-A351
3	BALL BEAT	2	ANSI 316
4	BALL	1	ANSI 316
5	THRUST WASHER	1	PTFE
6	STEM PACKING	1	AIISI 304
7	STEM WASHER	1	AIISI 304
8	STEM	1	PTFE
9	SPRING WASHER	1	PTFF
10	STEM NUT	1	AIISI 304
11	LOCK KEYVICE	1	AIISI304
12	HANDLE	1	MALLEABLE IRON
13	PLASTIC COVER	1	AIISI 304
14	NUT	1	AIISI 304



T-GLF
Flange end globe valve
JIS10K/ANSI150LB

SIZE:1/2"-6"

FEATURES

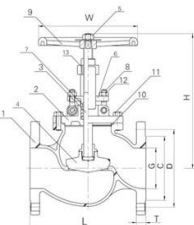
- ◆ Face to face dimensions:JIS B2002(ANSI) B16.10
- ◆ End flange dimensions: JIS B2210(ANSI) B16.5RF
- ◆ Design: ANSI B16.34/API603
- ◆ Testing:API598

ITEM	PARTS	MATERIAL
1	BODY	WCB SC213 SC214
2	BONNET	WCB SC213 SC214
3	STEM	SUS304 SUS304
4	DISC	SUS304 SUS304
5	STEM NUT	BRONZE BRONZE
6	GLAND	SUS304 SUS304
7	GLAND PACKING	GRAPHITE PTFE
8	GLAND FLANGE	SUS304 SUS304
9	HAND WHEEL	FCI FCD
10	GASKET	PTFE(OR NOASBESTOS)
11	BONNET BOLT/NUT	B7 ASTM 194-88
12	GLAND BOLT/NUT	B7 ASTM 194-88
13	YOKE SLEEVE	BRONZE(OR DUCTILEN-RESIST)

DIMENSIONS

UNIT:mm

SIZE	L	H	W	D	10K	150	10K	C	150	G	T	150
1/2"	108	158	140	95	89	70	60.5	52	35	12	12.1	12.1
3/4"	117	168	140	100	98	75	70	58	43	14	14	14.1
1"	127	173	140	125	108	90	79.5	70	51	14	14	14.1
1-1/2"	165	200	160	140	127	105	98.5	85	73	16	16	16.3
2"	203	230	200	155	152	120	120.5	100	82	16	16	15.9
2-1/2"	216	243	200	175	178	140	139.5	120	105	18	18	17.5
3"	241	268	250	185	190	150	152.5	130	107	18	18	18.1
4"	282	325	250	210	229	175	190.5	155	127	18	18	23.9
5"	356	380	300	250	254	210	216	185	148	20	20	23.9
6"	406	445	350	280	279	240	241.5	215	216	22	22	25.4



TEST PRESSURE	450 PSI
SHELLBY WATER	32kgf/cm ²
BY WATER	31PSI
SEAT	22kgf/cm ²
BY AIR	8kgf/cm ²

T-GAF
Flange end gate valve

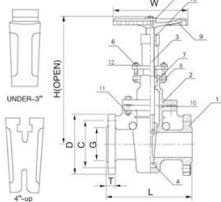
SIZE:1/2"-6"

FEATURES

- ◆ Face to face dimensions:JIS B2002(ANSI) B16.10
- ◆ End flange dimensions: JIS B2210(ANSI) B16.5RF
- ◆ Design: ANSI B16.34/API603
- ◆ Testing:API598

ITEM	PARTS	MATERIAL
1	BODY	WCB SC213 SC214
2	BONNET	WCB SC213 SC214
3	STEM	SUS304 SUS304
4	DISC	SUS304 SUS304
5	STEM NUT	BRONZE BRONZE
6	GLAND	SUS304 SUS304
7	GLAND PACKING	GRAPHITE PTFE
8	GLAND FLANGE	SUS304 SUS304
9	HAND WHEEL	FCI FCD
10	GASKET	PTFE(OR NOASBESTOS)
11	BONNET BOLT/NUT	B7 ASTM 194-88
12	GLAND BOLT/NUT	B7 ASTM 194-88
13	YOKE SLEEVE	BRONZE(OR DUCTILEN-RESIST)

DIMENSIONS											UNIT:mm
SIZE	L	H	W	D	10K	150	10K	150	G	10K	150
1/2"	108	183	120	95	89	70	60.5	52	35	12	12.1
3/4"	117	190	120	100	98	75	70	58	43	14	12.1
1"	127	210	120	125	108	90	79.5	70	51	14	12.1
1-1/2"	165	270	200	140	127	105	98.5	85	73	16	14.3
2"	203	330	200	155	152	120	120.5	100	92	16	15.9
2-1/2"	190	375	200	175	178	140	139.5	120	105	18	17.5
3"	203	445	250	185	190	150	152.5	130	107	18	18.1
4"	229	523	250	210	229	175	190.5	155	127	18	23.9
5"	254	600	300	250	254	210	216	185	148	20	23.9
6"	267	710	300	280	279	240	241.5	215	216	22	25.4



TEST PRESSURE	450 PSI
SHELLBY WATER	32kgf/cm ²
BY WATER	31PSI
SEAT	22kgf/cm ²
BY AIR	8PSI
	8kgf/cm ²

T-YF
Flange end Y-Strainer
JIS10K/150LB

MATERIAL LIST

NO	PARTS	CF8	CF8M
1	BODY	ASTM-A351-CF8	ASTM-A351-CF8M
2	COVER	ASTM-A351-CF8	ASTM-A351-CF8M
3	JOINT GASKET	PTFE(OR NO ASBESTOS)	PTFE(OR NO ASBESTOS)
4	SCREEN	AIISI 304	AIISI 316
5	BOLT	AIISI 304	AIISI 304
6	DRAIN PLUG	ASTM-A351-CF8	ASTM-A351-CF8M
7	THRUST WASHER	PTFE	PTFE

DIMENSIONS

UNIT:mm

SIZE	L	H	10K	150	10K	150	10K	150	10K	150
1/2"	120	75	95	89	70	60.5	52	35	12	12.1
3/4"	140	75	100	98	75	70	58	43	14	12.1
1"	150	100	125	108	90	79.5	70	51	14	12.1
1-1/2"	190	120	140	127	105	98.5	85	73	16	14.3
2"	220	136	155	152	120	120.5	100	82	16	15.9
2-1/2"	250	175	175	176	140	139.5	120	105	18	17.5
3"	280	196	185	190	150	152.5	130	107	18	18.1
4"	340	244	210	229	175	190.5	155	127	18	23.9
5"	380	277	250	254	210	216	185	148	20	23.9
6"	420	320	280	279	240	241.5	215	216	22	25.4

SPECIAL SEATS & BALLS

