CATALOGO

TUBI E RACCORDERIA
ASME-BPE SANITARIA

ASME-BPE SANITARY
TUBING AND FITTINGS CATALOGUE

ITALGOMMA2

CATALOGO TUBI E RACCORDERIA ASME-BPE SANITARIA

ASME-BPE SANITARY TUBING AND FITTINGS CATALOGUE

TUBO INOX E RACCORDERIA ASME-BPE 4

ASME-BPE STAINLESS STEEL TUBING AND FITTINGS

VALVOLE MANUALI/AUTO ASME-BPE 20

ASME-BPE AUTO/MANUAL CONTROL VALVES

RACCORDERIA ASME-BPE E SANITARIA
ASME-BPE AND SANITARY FITTINGS

RACCORDERIA PER L'INDUSTRIA FARMACEUTICA E DI BIOTECNOLOGIA

Italgomma 2 Srl offre una vasta gamma di componenti con finiture superficiali adatte ad essere utilizzati nell'industria farmaceutica e di biotecnologia. I componenti sono disponibili in dimensioni da ½" a 4" secondo ASME BPE e da ½" a 12" di tipo sanitaria. Ciascuna tipologia può essere fornita con attacchi a saldare o Tri-Clamp®.

MATERIALE E TRACCIABILITÀ

Italgomma 2 Srl offre la raccorderia in dimensioni ASME BPE in AISI 316L. Tutta la raccorderia riporta la marcatura conforme alle norme ASME BPE permettendo l'identificazione delle caratteristiche di base e la tracciabilità del fornitore dell'acciaio inossidabile originario. Tutti i componenti ricavati da tubi sono conformi alle ASTM A 269 / A 270.

OPZIONI DI FINITURA SUPERFICIALE

Italgomma 2 Srl offre molteplici opzioni di finitura superficiale per soddisfare le specifiche del Cliente.
Le finiture superficiali del formato standard sono satinate scotch brite interno con Ra=0.5µm / 20µinch (SF-1) e satinate esterne con Ra=0.8µm / 30 µinch.
Finiture superficiali diverse sono fornite a richiesta in conformità alla tabella SF-3 sotto riportata.
Per la raccorderia sanitaria la fornitura può essere richiesta elettrolucidata e passivata.

FITTINGS FOR THE PHARMACEUTICAL AND BIOTECH INDUSTRIES

Italgomma 2 Srl offers the widest range of fittings and surface finishes available for the use in the Pharmaceutical and Biotech industries. Fittings are offered in a wide range of sizes from 1/2" to 4" according to ASME BPE and from 1/2" to 12" of sanitary type. They can be fitted with weld or Tri-Clamp® connections.

MATERIAL E TRACEABILITY

Italgomma 2 Srl offers fittings in BPE dimensions in AISI 316L. All fittings are permanently marked with original heat numbers allowing full traceability back to the original stainless steel supplier.
All tubular materials meet ASTM A 269 / A 270 requirements.

SURFACE FINISH OPTIONS

Italgomma 2 Srl offers multiple surface finish options to meet the Customer's specifications.
The superficial finishes of the standard size are internally scotch brite satinated Ra=0.5µm / 20µinch (SF-1) and externally satinated Ra=0.8µm / 30µinch.
Different surface finishes can be supplied on request according to the below SF-3 table.
Sanitary fittings can be requested electropolished and passivated.

TABLE DT-1 NOMINAL OD TUBING SIZE

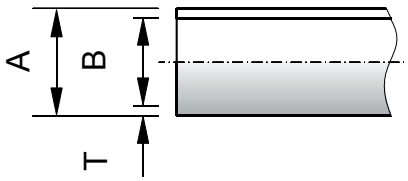
Size	Tube OD mm./in.		Tube wall thickness mm./in.	
1/4"	6.35	0.25	0.89	0.035
3/8"	9.35	0.375	0.89	0.035
1/2"	12.70	0.5	1.65	0.065
3/4"	19.05	0.75	1.65	0.065
1"	25.40	1	1.65	0.065
1½"	38.10	1.5	1.65	0.065
2	50.80	2	1.65	0.065
2½"	63.50	2.5	1.65	0.065
3	76.20	3	1.65	0.065
4	101.60	4	2.11	0.083
6	152.40	6	2.77	0.109
SANITARY TUBING SIZE				
8	203.2	8	2.77	0.109
10	254	10	2.77	0.109
12	304.8	12	2.77	0.109

TABLE SF-3 RA READINGS FOR PRODUCT CONTACT SURFACES

Surface designation	Mechanically polished Ra Max µ-in.	µm
SF0	No finish requirement	No finish requirement
SF1	20	0.51
SF2	25	0.64
SF3	30	0.76

Surface designation	Mechanically polished and electropolished Ra Max µ-in.	µm
SF4	15	0,38
SF5	20	0.51
SF6	25	0.64

TUBI INOX (INDUSTRIA FARMACEUTICA)
STAINLESS STEEL TUBING (PHARMACEUTICAL INDUSTRIES)



CARATTERISTICHE

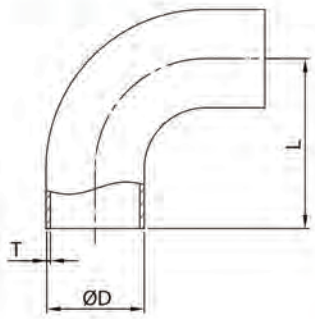
• Tipo AISI 316L elettrounito, scordonato e trafilato, secondo specifiche ASTM A270.
• I tubi sono costruiti e testati secondo ASTM A270 con tolleranza ASTM A269
• Esternamente marchiati con n° di colata per l'identificazione.
• La finitura interna è di Ra <0,5 µm, esterna Ra <0,8 µm (elettrolucidatura su richiesta).
• Dopo la lavorazione meccanica i tubi sono passivati e risciacquati con acqua deionizzata e asciugati.
• I tubi sono chiusi nelle estremità con tappi in plastica e protetti esternamente con film plastico.
• La lunghezza standard nominale è di 6 m.
• Test report (MTR) quali certificati di analisi chimica con n° di colata e prove di rugosità sono forniti su richiesta e devono essere richiesti al momento dell'ordine del tubo.

CHARACTERISTICS

• AISI 316L TIG welded, grounded and extruded, according to ASTM A270 specifications.
• Tubing are manufactured and tested according to ASTM A270 tolerances A269.
• Outside permanently marked with heat number for identification.
• Inside finishing Ra <0,5 µm, outside finishing Ra <0,8 µm (electropolished on request).
• Tubing to be passivated and rinsed with deionized water after polishing.
• Tubing to be end capped, paper or plastic sleeved and placed in nylon sheet
• Available in 6 meters nominal lenght.
• Test report (MTR) like chemical analysis certificates with heat number and roughness test are supplied on request and have to be requested at order issue with the tubing.

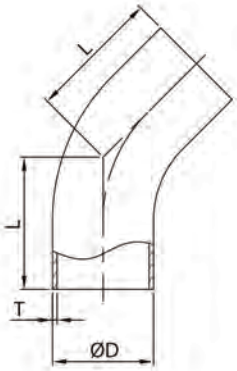
Size	A	B	T	Weight Kg/m
1/2"	12.7	9.4	1.65	0.45
3/4"	19.05	15.7	1.65	0.71
1"	25.4	22.1	1.65	0.97
1½"	38.1	34.8	1.65	1.49
2	50.8	47.5	1.65	2.02
2½"	63.5	60.2	1.65	2.54
3	76.2	72.9	1.65	3.06
4	101.6	97.4	2.11	5.22
6	152.4	147	2.77	10.00

RACCORDI ASME-BPE
ASME-BPE FITTINGS



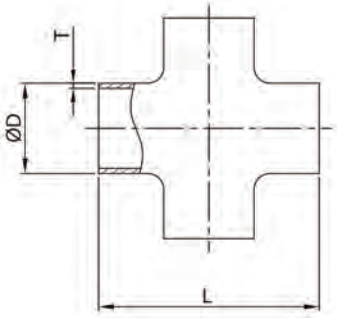
DT-4.1.1-1 LONG WELD 90° ELBOW (DT-7)

SIZE	ØD	L	T
1/2"	12.7	76.2	1.65
3/4"	19.05	76.2	1.65
1"	25.4	76.2	1.65
1.5"	38.1	95.25	1.65
2"	50.8	120.65	1.65
2.5"	63.5	139.7	1.65
3"	76.2	158.75	1.65
4"	101.6	203.2	2.11
6"	152.4	292.1	2.77



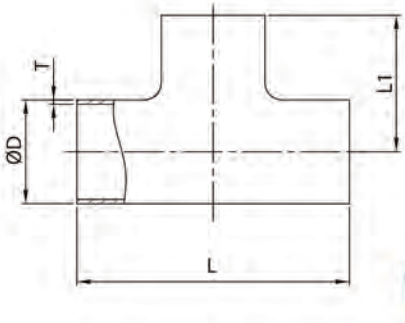
DT-4.1.1-4 LONG 45° ELBOW (DT-8)

SIZE	ØD	L	T
1/2"	12.7	57.15	1.65
3/4"	19.05	57.15	1.65
1"	25.4	57.15	1.65
1.5"	38.1	63.5	1.65
2"	50.8	76.2	1.65
2.5"	63.5	85.73	1.65
3"	76.2	92.08	1.65
4"	101.6	114.3	2.11
6"	152.4	158.75	2.77



DT-4.1.2-1C CROSS (DT-9)

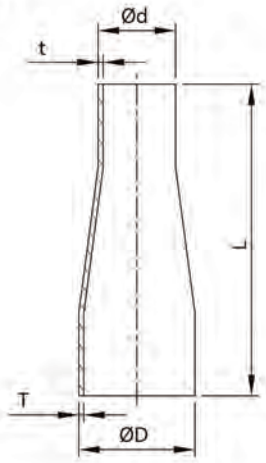
SIZE	ØD	L	T
1/2"	12.7	95.26	1.65
3/4"	19.05	101.6	1.65
1"	25.4	107.96	1.65
1.5"	38.1	120.66	1.65
2"	50.8	146.06	1.65
2.5"	63.5	158.76	1.65
3"	76.2	171.46	1.65
4"	101.6	209.56	2.11
6"	152.4	285.76	2.77



DT-4.1.2-1T TEE (DT-9)

SIZE	ØD	L	L1	T
1/2"	12.7	95.26	47.63	1.65
3/4"	19.05	101.6	50.8	1.65
1"	25.4	107.96	53.98	1.65
1.5"	38.1	120.66	60.33	1.65
2"	50.8	146.06	73.03	1.65
2.5"	63.5	158.76	79.38	1.65
3"	76.2	171.46	85.73	1.65
4"	101.6	209.56	104.78	2.11
6"	152.4	285.76	142.88	2.77

(a)



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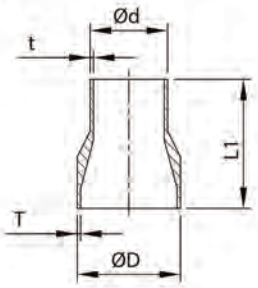
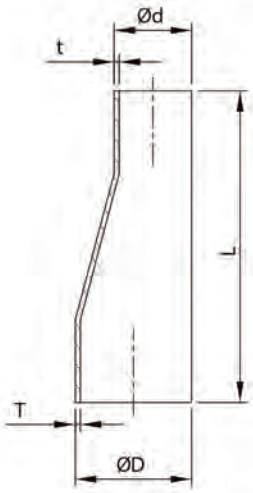


DT-4.1.3-1 CONCENTRIC REDUCER (DT11)

SIZE	ØD	Ød	L	L1	T	t
3/4"*1/2"	19.05	12.7	101.6	53.93	1.65	1.65
1.0"*1/2"	25.4	12.7	114.3	63.5	1.65	1.65
1.0"*3/4"	25.4	19.05	101.6	53.93	1.65	1.65
1.5"*1/2"	38.1	12.7	139.7	76.2	1.65	1.65
1.5"*3/4"	38.1	19.05	127	76.2	1.65	1.65
1.5"*1.0"	38.1	25.4	127	63.5	1.65	1.65
2.0"*1/2"	50.8	12.7	196.9	85.73	1.65	1.65
2.0"*3/4"	50.8	19.05	184.2	85.73	1.65	1.65
2.0"*1.0"	50.8	25.4	184.2	85.73	1.65	1.65
2.0"*1.5"	50.8	38.1	133.4	63.5	1.65	1.65
2.5"*1/2"	63.5	12.7	247.7	—	1.65	1.65
2.5"*3/4"	63.5	19.05	235	—	1.65	1.65
2.5"*1.0"	63.5	25.4	235	85.73	1.65	1.65
2.5"*1.5"	63.5	38.1	184.2	85.73	1.65	1.65
2.5"*2.0"	63.5	50.8	139.7	63.5	1.65	1.65
3.0"*1.0"	76.2	25.4	285.8	107.95	1.65	1.65
3.0"*1.5"	76.2	38.1	235	107.95	1.65	1.65
3.0"*2.0"	76.2	50.8	190.5	85.73	1.65	1.65
3.0"*2.5"	76.2	63.5	139.7	66.68	1.65	1.65
4.0"*1.0"	101.6	25.4	393.7	—	2.11	1.65
4.0"*1.5"	101.6	38.1	342.9	—	2.11	1.65
4.0"*2.0"	101.6	50.8	298.5	130.18	2.11	1.65
4.0"*2.5"	101.6	63.5	247.7	107.95	2.11	1.65
4.0"*3.0"	101.6	76.2	196.9	98.43	2.11	1.65
6.0"*3.0"	152.4	76.2	—	184.15	2.77	1.65
6.0"*4.0"	152.4	101.6	254	142.88	2.77	2.11

RACCORDI ASME-BPE
ASME-BPE FITTINGS

(a)



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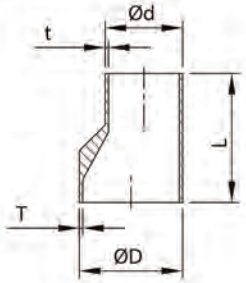
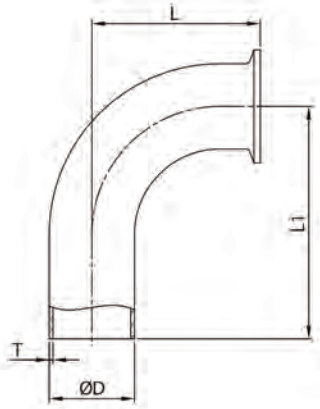


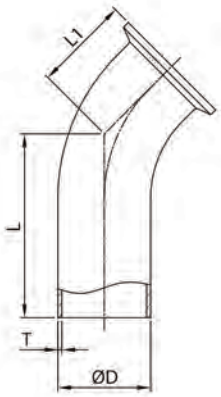
DT-4.1.3-1 ECCENTRIC REDUCER (DT11)

SIZE	ØD	Ød	L	L1	T	t
3/4"*1/2"	19.05	12.7	101.6	53.93	1.65	1.65
1.0"*1/2"	25.4	12.7	114.3	63.5	1.65	1.65
1.0"*3/4"	25.4	19.05	101.6	53.93	1.65	1.65
1.5"*1/2"	38.1	12.7	139.7	76.2	1.65	1.65
1.5"*3/4"	38.1	19.05	127	76.2	1.65	1.65
1.5"*1.0"	38.1	25.4	127	63.5	1.65	1.65
2.0"*1/2"	50.8	12.7	196.9	85.73	1.65	1.65
2.0"*3/4"	50.8	19.05	184.2	85.73	1.65	1.65
2.0"*1.0"	50.8	25.4	184.2	85.73	1.65	1.65
2.0"*1.5"	50.8	38.1	133.4	63.5	1.65	1.65
2.5"*1/2"	63.5	12.7	247.7	—	1.65	1.65
2.5"*3/4"	63.5	19.05	235	—	1.65	1.65
2.5"*1.0"	63.5	25.4	235	85.73	1.65	1.65
2.5"*1.5"	63.5	38.1	184.2	85.73	1.65	1.65
2.5"*2.0"	63.5	50.8	139.7	63.5	1.65	1.65
3.0"*1.0"	76.2	25.4	285.8	107.95	1.65	1.65
3.0"*1.5"	76.2	38.1	235	107.95	1.65	1.65
3.0"*2.0"	76.2	50.8	190.5	85.73	1.65	1.65
3.0"*2.5"	76.2	63.5	139.7	66.68	1.65	1.65
4.0"*1.0"	101.6	25.4	393.7	—	2.11	1.65
4.0"*1.5"	101.6	38.1	342.9	—	2.11	1.65
4.0"*2.0"	101.6	50.8	298.5	130.18	2.11	1.65
4.0"*2.5"	101.6	63.5	247.7	107.95	2.11	1.65
4.0"*3.0"	101.6	76.2	196.9	98.43	2.11	1.65
6.0"*3.0"	152.4	76.2	—	184.15	2.77	1.65
6.0"*4.0"	152.4	101.6	254	142.88	2.77	2.11



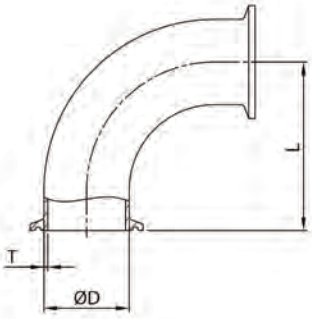
DT-4.1.1-2 90° CLAMP/WELD ELBOW (DT-12)

SIZE	ØD	L	L1	T
1/2"	12.7	41.28	76.2	1.65
3/4"	19.05	41.28	76.2	1.65
1"	25.4	50.8	76.2	1.65
1.5"	38.1	69.85	95.25	1.65
2"	50.8	88.9	120.65	1.65
2.5"	63.5	107.95	139.7	1.65
3"	76.2	127	158.75	1.65
4"	101.6	168.28	203.2	2.11
6"	152.4	266.7	292.1	2.77



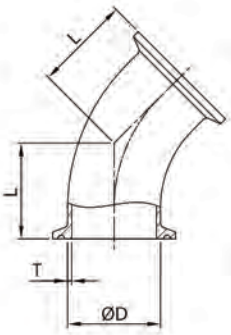
DT-4.1.1-5 45° CLAMP/WELD ELBOW (DT-13)

SIZE	ØD	L	L1	T
1/2"	12.7	57.15	25.4	1.65
3/4"	19.05	57.15	25.4	1.65
1"	25.4	57.15	28.58	1.65
1.5"	38.1	63.5	36.53	1.65
2"	50.8	76.2	44.45	1.65
2.5"	63.5	85.73	52.4	1.65
3"	76.2	92.08	60.33	1.65
4"	101.6	114.3	79.38	2.11
6"	152.4	158.75	133.35	2.77



DT-4.1.1-3 90° CLAMP ELBOW (DT-16)

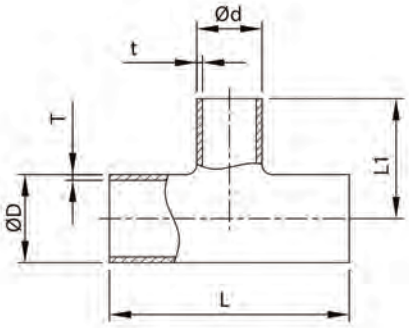
SIZE	ØD	L	T
1/2"	12.7	41.28	1.65
3/4"	19.05	41.28	1.65
1"	25.4	50.8	1.65
1.5"	38.1	69.85	1.65
2"	50.8	88.9	1.65
2.5"	63.5	107.95	1.65
3"	76.2	127	1.65
4"	101.6	168.28	2.11
6"	152.4	266.7	2.77



DT-4.1.1-6 45° CLAMP ELBOW (DT-17)

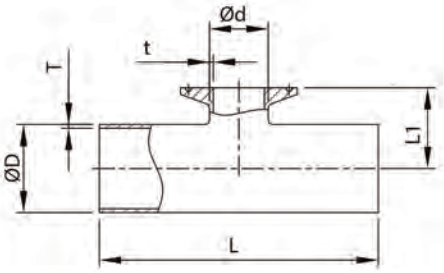
SIZE	ØD	L	T
1/2"	12.7	25.4	1.65
3/4"	19.05	25.4	1.65
1"	25.4	28.58	1.65
1.5"	38.1	36.5	1.65
2"	50.8	44.45	1.65
2.5"	63.5	52.4	1.65
3"	76.2	60.33	1.65
4"	101.6	79.38	2.11
6"	152.4	133.35	2.77

RACCORDI ASME-BPE
ASME-BPE FITTINGS



DT-4.1.2-6 REDUCING TEE (DT-10)

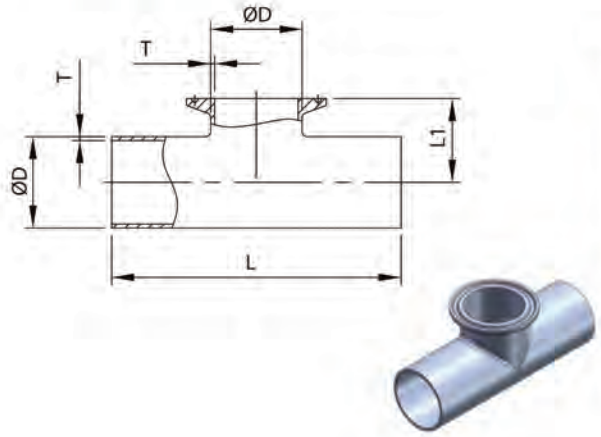
SIZE	ØD	Ød	L	L1	T	t
3/4"*1/2"	19.05	12.7	101.6	50.8	1.65	1.65
1"*1/2"	25.4	12.7	107.96	53.98	1.65	1.65
1"*3/4"	25.4	19.05	107.96	53.98	1.65	1.65
1.5"*1/2"	38.1	12.7	120.66	60.33	1.65	1.65
1.5"*3/4"	38.1	19.05	120.66	60.33	1.65	1.65
1.5"*1"	38.1	25.4	120.66	60.33	1.65	1.65
2"*1/2"	50.8	12.7	146.06	66.68	1.65	1.65
2"*3/4"	50.8	19.05	146.06	66.68	1.65	1.65
2"*1"	50.8	25.4	146.06	66.68	1.65	1.65
2"*1.5"	50.8	38.1	146.06	66.68	1.65	1.65
2.5"*1/2"	63.5	12.7	158.76	73.03	1.65	1.65
2.5"*3/4"	63.5	19.05	158.76	73.03	1.65	1.65
2.5"*1"	63.5	25.4	158.76	73.03	1.65	1.65
2.5"*1.5"	63.5	38.1	158.76	73.03	1.65	1.65
2.5"*2"	63.5	50.8	158.76	73.03	1.65	1.65
3"*1/2"	76.2	12.7	171.46	79.38	1.65	1.65
3"*3/4"	76.2	19.05	171.46	79.38	1.65	1.65
3"*1"	76.2	25.4	171.46	79.38	1.65	1.65
3"*1.5"	76.2	38.1	171.46	79.38	1.65	1.65
3"*2"	76.2	50.8	171.46	79.38	1.65	1.65
3"*2.5"	76.2	63.5	171.46	79.38	1.65	1.65
4"*1/2"	101.6	12.7	209.56	92.08	2.11	1.65
4"*3/4"	101.6	19.05	209.56	92.08	2.11	1.65
4"*1"	101.6	25.4	209.56	92.08	2.11	1.65
4"*1.5"	101.6	38.1	209.56	92.08	2.11	1.65
4"*2"	101.6	50.8	209.56	98.43	2.11	1.65
4"*2.5"	101.6	63.5	209.56	98.43	2.11	1.65
4"*3"	101.6	76.2	209.56	98.43	2.11	1.65
6"*3"	152.4	76.2	285.76	123.83	2.77	1.65
6"*4"	152.4	101.6	285.76	130.18	2.77	2.11



DT-4.1.2-7 SHORT OUTLET W/C REDUCING TEE (DT-14)

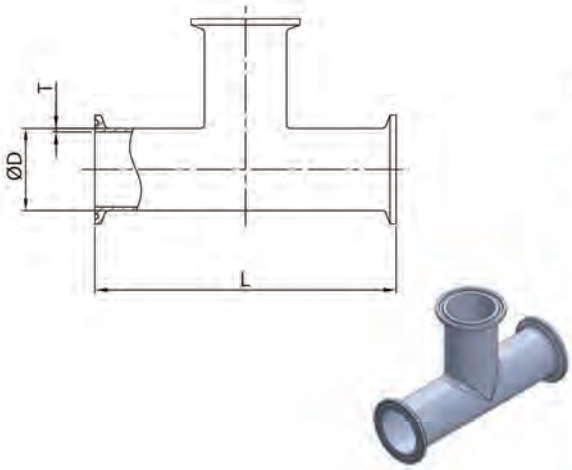
SIZE	ØD	Ød	L	L1	T	t
3/4"*1/2"	19.05	12.7	101.6	25.4	1.65	1.65
1"*1/2"	25.4	12.7	107.96	28.58	1.65	1.65
1"*3/4"	25.4	19.05	107.96	28.58	1.65	1.65
1.5"*1/2"	38.1	12.7	120.66	34.93	1.65	1.65
1.5"*3/4"	38.1	19.05	120.66	34.93	1.65	1.65
1.5"*1"	38.1	25.4	120.66	34.93	1.65	1.65
2"*1/2"	50.8	12.7	146.06	41.28	1.65	1.65
2"*3/4"	50.8	19.05	146.06	41.28	1.65	1.65
2"*1"	50.8	25.4	146.06	41.28	1.65	1.65
2"*1.5"	50.8	38.1	146.06	41.28	1.65	1.65
2.5"*1/2"	63.5	12.7	158.76	47.63	1.65	1.65
2.5"*3/4"	63.5	19.05	158.76	47.63	1.65	1.65
2.5"*1"	63.5	25.4	158.76	47.63	1.65	1.65
2.5"*1.5"	63.5	38.1	158.76	47.63	1.65	1.65
2.5"*2"	63.5	50.8	158.76	47.63	1.65	1.65
3"*1/2"	76.2	12.7	171.46	53.98	1.65	1.65
3"*3/4"	76.2	19.05	171.46	53.98	1.65	1.65
3"*1"	76.2	25.4	171.46	53.98	1.65	1.65
3"*1.5"	76.2	38.1	171.46	53.98	1.65	1.65
3"*2"	76.2	50.8	171.46	53.98	1.65	1.65
3"*2.5"	76.2	63.5	171.46	53.98	1.65	1.65
4"*1/2"	101.6	12.7	209.56	66.68	2.11	1.65
4"*3/4"	101.6	19.05	209.56	66.68	2.11	1.65
4"*1"	101.6	25.4	209.56	66.68	2.11	1.65
4"*1.5"	101.6	38.1	209.56	66.68	2.11	1.65
4"*2"	101.6	50.8	209.56	66.68	2.11	1.65
4"*2.5"	101.6	63.5	209.56	66.68	2.11	1.65
4"*3"	101.6	76.2	209.56	66.68	2.11	1.65
6"*1/2"	152.4	12.7	285.76	92.08	2.77	1.65
6"*3/4"	152.4	19.05	285.76	92.08	2.77	1.65
6"*1"	152.4	25.4	285.76	92.08	2.77	1.65
6"*1.5"	152.4	38.1	285.76	92.08	2.77	1.65
6"*2"	152.4	50.8	285.76	92.08	2.77	1.65
6"*2.5"	152.4	63.5	285.76	92.08	2.77	1.65
6"*3"	152.4	76.2	285.76	92.08	2.77	1.65
6"*4"	152.4	101.6	285.76	92.25	2.77	2.11

RACCORDI ASME-BPE
ASME-BPE FITTINGS



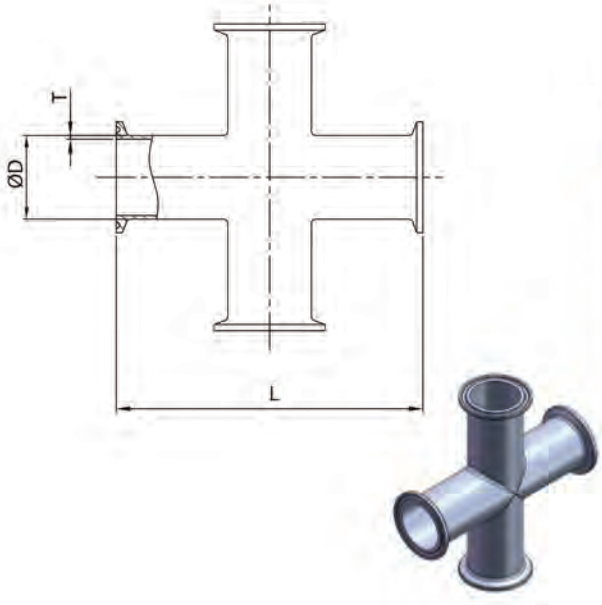
DT-4.1.2-2 EQUAL OUTLET WELD/CLAMP TEE (DT-15)

SIZE	ØD	L	L1	T
1/2"	12.7	95.26	25.4	1.65
3/4"	19.05	101.6	28.58	1.65
1"	25.4	107.96	28.59	1.65
1.5"	38.1	120.66	34.39	1.65
2"	50.8	146.06	41.28	1.65
2.5"	63.5	158.76	47.63	1.65
3"	76.2	171.46	53.98	1.65
4"	101.6	209.56	69.85	2.11
6"	152.4	285.76	117.48	2.77



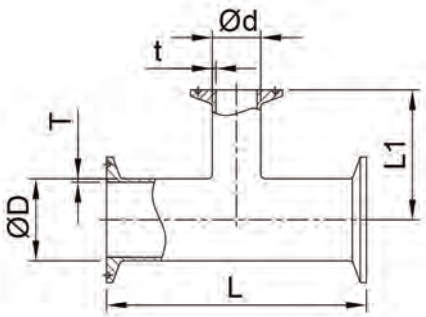
DT-4.1.2-4T CLAMP TEE (DT-18)

SIZE	ØD	L	T
1/2"	12.7	114.3	1.65
3/4"	19.05	120.66	1.65
1"	25.4	133.36	1.65
1.5"	38.1	146.06	1.65
2"	50.8	171.46	1.65
2.5"	63.5	184.16	1.65
3"	76.2	196.86	1.65
4"	101.6	241.3	2.11
6"	152.4	361.96	2.77



DT-4.1.2-4C CLAMP CROSS (DT-18)

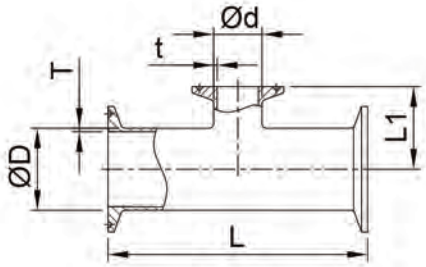
SIZE	ØD	L	T
1/2"	12.7	114.3	1.65
3/4"	19.05	120.66	1.65
1"	25.4	133.36	1.65
1.5"	38.1	146.06	1.65
2"	50.8	171.46	1.65
2.5"	63.5	184.16	1.65
3"	76.2	196.86	1.65
4"	101.6	241.3	2.11
6"	152.4	361.96	2.77



DT-4.1.2-8 REDUCING TEE CLAMP END (DT-19)

SIZE	ØD	Ød	L	L1	T	t
3/4"*1/2"	19.05	12.7	127	63.5	1.65	1.65
1.0"*1/2"	25.4	12.7	133.36	66.68	1.65	1.65
1.0"*3/4"	25.4	19.05	133.36	66.68	1.65	1.65
1.5"*1/2"	38.1	12.7	146.06	73.03	1.65	1.65
1.5"*3/4"	38.1	19.05	146.06	73.03	1.65	1.65
1.5"*1.0"	38.1	25.4	146.06	73.03	1.65	1.65
2.0"*1/2"	50.8	12.7	171.46	79.38	1.65	1.65
2.0"*3/4"	50.8	19.05	171.46	79.38	1.65	1.65
2.0"*1.0"	50.8	25.4	171.46	79.38	1.65	1.65
2.0"*1.5"	50.8	38.1	171.46	79.38	1.65	1.65
2.5"*1/2"	63.5	12.7	184.16	85.73	1.65	1.65
2.5"*3/4"	63.5	19.05	184.16	85.73	1.65	1.65
2.5"*1.0"	63.5	25.4	184.16	85.73	1.65	1.65
2.5"*1.5"	63.5	38.1	184.16	85.73	1.65	1.65
2.5"*2.0"	63.5	50.8	184.16	85.73	1.65	1.65
3.0"*1/2"	76.2	12.7	196.86	92.08	1.65	1.65
3.0"*3/4"	76.2	19.05	196.86	92.08	1.65	1.65
3.0"*1.0"	76.2	25.4	196.86	92.08	1.65	1.65
3.0"*1.5"	76.2	38.1	196.86	92.08	1.65	1.65
3.0"*2.0"	76.2	50.8	196.86	92.08	1.65	1.65
3.0"*2.5"	76.2	63.5	196.86	92.08	1.65	1.65
4.0"*1/2"	101.6	12.7	241.3	104.78	2.11	1.65
4.0"*3/4"	101.6	19.05	241.3	104.78	2.11	1.65
4.0"*1.0"	101.6	25.4	241.3	104.78	2.11	1.65
4.0"*1.5"	101.6	38.1	241.3	104.78	2.11	1.65
4.0"*2.0"	101.6	50.8	241.3	111.13	2.11	1.65
4.0"*2.5"	101.6	63.5	241.3	111.13	2.11	1.65
4.0"*3.0"	101.6	76.2	241.3	111.13	2.11	1.65
6.0"*3.0"	152.4	76.2	361.96	136.53	2.77	1.65
6.0"*4.0"	152.4	101.6	361.96	146.05	2.77	2.11

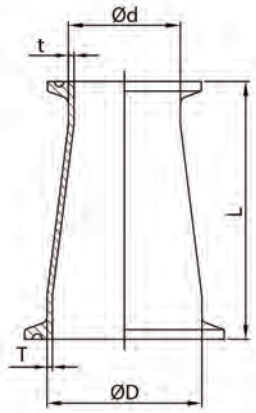
RACCORDI ASME-BPE
ASME-BPE FITTINGS



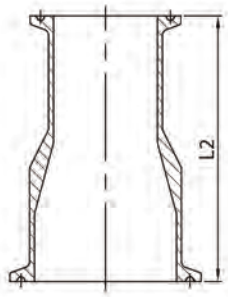
DT-4.1.2-9 REDUCING TEE CLAMP END (DT-20)

SIZE	ØD	Ød	L	L1	T	t
3/4"*1/2"	19.05	12.7	127	25.4	1.65	1.65
1.0"*1/2"	25.4	12.7	133.36	28.58	1.65	1.65
1.0"*3/4"	25.4	19.05	133.36	28.58	1.65	1.65
1.5"*1/2"	38.1	12.7	146.06	34.93	1.65	1.65
1.5"*3/4"	38.1	19.05	146.06	34.93	1.65	1.65
1.5"*1.0"	38.1	25.4	146.06	34.93	1.65	1.65
2.0"*1/2"	50.8	12.7	171.46	41.28	1.65	1.65
2.0"*3/4"	50.8	19.05	171.46	41.28	1.65	1.65
2.0"*1.0"	50.8	25.4	171.46	41.28	1.65	1.65
2.0"*1.5"	50.8	38.1	171.46	41.28	1.65	1.65
2.5"*1/2"	63.5	12.7	184.16	47.63	1.65	1.65
2.5"*3/4"	63.5	19.05	184.16	47.63	1.65	1.65
2.5"*1.0"	63.5	25.4	184.16	47.63	1.65	1.65
2.5"*1.5"	63.5	38.1	184.16	47.63	1.65	1.65
2.5"*2.0"	63.5	50.8	184.16	47.63	1.65	1.65
3.0"*1/2"	76.2	12.7	196.86	53.98	1.65	1.65
3.0"*3/4"	76.2	19.05	196.86	53.98	1.65	1.65
3.0"*1.0"	76.2	25.4	196.86	53.98	1.65	1.65
3.0"*1.5"	76.2	38.1	196.86	53.98	1.65	1.65
3.0"*2.0"	76.2	50.8	196.86	53.98	1.65	1.65
3.0"*2.5"	76.2	63.5	196.86	53.98	1.65	1.65
4.0"*1/2"	101.6	12.7	241.3	66.68	2.11	1.65
4.0"*3/4"	101.6	19.05	241.3	66.68	2.11	1.65
4.0"*1.0"	101.6	25.4	241.3	66.68	2.11	1.65
4.0"*1.5"	101.6	38.1	241.3	66.68	2.11	1.65
4.0"*2.0"	101.6	50.8	241.3	66.68	2.11	1.65
4.0"*2.5"	101.6	63.5	241.3	66.68	2.11	1.65
4.0"*3.0"	101.6	76.2	241.3	66.68	2.11	1.65
6.0"*1/2"	152.4	12.7	361.96	92.08	2.77	1.65
6.0"*3/4"	152.4	19.05	361.96	92.08	2.77	1.65
6.0"*1.0"	152.4	25.4	361.96	92.08	2.77	1.65
6.0"*1.5"	152.4	38.1	361.96	92.08	2.77	1.65
6.0"*2.0"	152.4	50.8	361.96	92.08	2.77	1.65
6.0"*2.5"	152.4	63.5	361.96	92.08	2.77	1.65
6.0"*3.0"	152.4	76.2	361.96	92.08	2.77	1.65
6.0"*4.0"	152.4	101.6	361.96	95.25	2.77	2.11

(a)



(b)

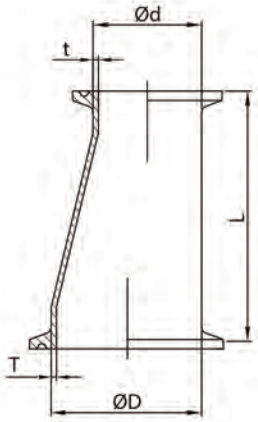


DT-4.1.3-3 CLAMP CONCENTRIC REDUCER (DT-21)

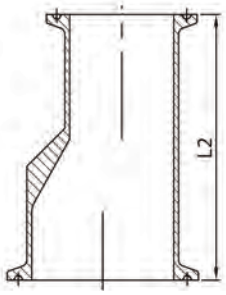
SIZE	ØD	Ød	L	T	t	L2
3/4"*1/2"	19.05	12.7	50.8	1.65	1.65	79.38
1"*1/2"	25.4	12.7	63.5	1.65	1.65	88.9
1"*3/4"	25.4	19.05	50.8	1.65	1.65	79.38
1.5"*1/2"	38.1	12.7	88.9	1.65	1.65	101.6
1.5"*3/4"	38.1	19.05	76.2	1.65	1.65	101.6
1.5"*1"	38.1	25.4	76.2	1.65	1.65	88.9
2"*1/2"	50.8	12.7	139.7	1.65	1.65	111.13
2"*3/4"	50.8	19.05	127	1.65	1.65	111.13
2"*1"	50.8	25.4	127	1.65	1.65	111.13
2"*1.5"	50.8	38.1	76.2	1.65	1.65	88.9
2.5"*1/2"	63.5	12.7	190.5	1.65	1.65	—
2.5"*3/4"	63.5	19.05	177.8	1.65	1.65	—
2.5"*1"	63.5	25.4	177.8	1.65	1.65	111.13
2.5"*1.5"	63.5	38.1	127	1.65	1.65	111.13
2.5"*2"	63.5	50.8	76.2	1.65	1.65	88.9
3"*1"	76.2	25.4	288.6	1.65	1.65	133.35
3"*1.5"	76.2	38.1	117.8	1.65	1.65	133.35
3"*2"	76.2	50.8	127	1.65	1.65	111.13
3"*2.5"	76.2	63.5	76.2	1.65	1.65	92.08
4"*1"	101.6	25.4	333.4	2.11	1.65	—
4"*1.5"	101.6	38.1	282.6	2.11	1.65	—
4"*2"	101.6	50.8	231.8	2.11	1.65	158.75
4"*2.5"	101.6	63.5	181	2.11	1.65	136.53
4"*3"	101.6	76.2	130.2	2.11	2.1	127
6"*3"	152.4	76.2	—	2.77	1.65	215.9
6"*4"	152.4	101.6	193.7	2.77	2.11	177.8

RACCORDI ASME-BPE
ASME-BPE FITTINGS

(a)



(b)

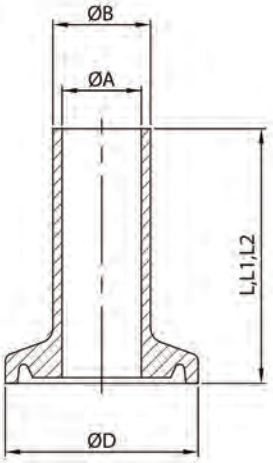


DT-4.1.3-3 CLAMP ECCENTRIC REDUCER (DT-21)

SIZE	ØD	Ød	L	T	t	L2
3/4"*1/2"	19.05	12.7	50.8	1.65	1.65	79.38
1"*1/2"	25.4	12.7	63.5	1.65	1.65	88.9
1"*3/4"	25.4	19.05	50.8	1.65	1.65	79.38
1.5"*1/2"	38.1	12.7	88.9	1.65	1.65	101.6
1.5"*3/4"	38.1	19.05	76.2	1.65	1.65	101.6
1.5"*1"	38.1	25.4	76.2	1.65	1.65	88.9
2"*1/2"	50.8	12.7	139.7	1.65	1.65	111.13
2"*3/4"	50.8	19.05	127	1.65	1.65	111.13
2"*1"	50.8	25.4	127	1.65	1.65	111.13
2"*1.5"	50.8	38.1	76.2	1.65	1.65	88.9
2.5"*1/2"	63.5	12.7	190.5	1.65	1.65	—
2.5"*3/4"	63.5	19.05	177.8	1.65	1.65	—
2.5"*1"	63.5	25.4	177.8	1.65	1.65	111.13
2.5"*1.5"	63.5	38.1	127	1.65	1.65	111.13
2.5"*2"	63.5	50.8	76.2	1.65	1.65	88.9
3"*1"	76.2	25.4	288.6	1.65	1.65	133.35
3"*1.5"	76.2	38.1	117.8	1.65	1.65	133.35
3"*2"	76.2	50.8	127	1.65	1.65	111.13
3"*2.5"	76.2	63.5	76.2	1.65	1.65	92.08
4"*1"	101.6	25.4	333.4	2.11	1.65	—
4"*1.5"	101.6	38.1	282.6	2.11	1.65	—
4"*2"	101.6	50.8	231.8	2.11	1.65	158.75
4"*2.5"	101.6	63.5	181	2.11	1.65	136.53
4"*3"	101.6	76.2	130.2	2.11	2.11	127
6"*3"	152.4	76.2	—	2.77	1.65	215.9
6"*4"	152.4	101.6	193.7	2.77	2.11	177.8

(Type A)

1/2"~1"

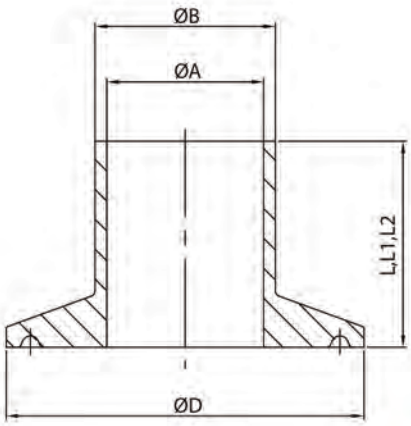


DT-4.1.4-1WELD FERRULE (DT-22)

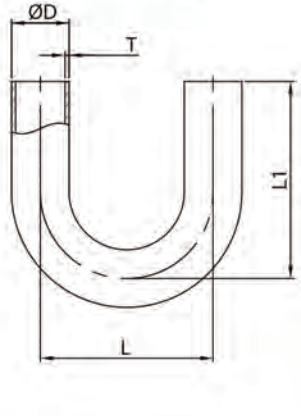
TYPE	SIZE	ØA	ØB	ØD	L	L1	L2
A	1/4"	4.57	6.35	25	12.7	28.58	44.45
	3/8"	7.75	9.53	25	12.7	28.58	44.45
	1/2"	9.4	12.7	25	12.7	28.58	44.45
	3/4"	15.75	19.05	25	12.7	28.58	44.45
	1.0"	22.1	25.4	34	12.7	28.58	44.45
B	1.0"	22.1	25.4	50.39	12.7	28.58	44.45
	1.5"	34.8	38.1	50.39	12.7	28.58	44.45
	2.0"	47.5	50.8	63.91	12.7	28.58	57.15
	2.5"	60.2	63.5	77.39	12.7	28.58	57.15
	3.0"	72.9	76.2	90.91	12.7	28.58	57.15
	4.0"	97.38	101.6	118.92	15.88	28.58	57.15
	6.0"	146.86	152.4	166.88	19.05	38.1	76.2

(Type B)

1"~6"

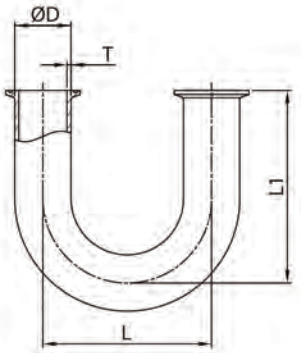


RACCORDI ASME-BPE
ASME-BPE FITTINGS



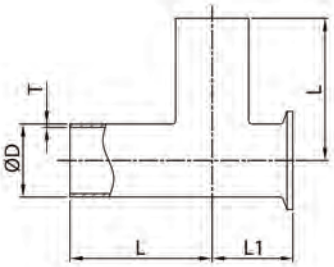
DT-4.1.1-7 180° WELD ELBOW (DT-23)

SIZE	ØD	L	L1	T
1/2"	12.7	114.3	76.2	1.65
3/4"	19.05	114.3	76.2	1.65
1"	25.4	76.2	76.2	1.65
1.5"	38.1	114.3	114.3	1.65
2"	50.8	152.4	127	1.65
2.5"	63.5	190.5	146.05	1.65
3"	76.2	228.6	165.1	1.65
4"	101.6	304.8	215.9	2.11
6"	152.4	457.2	292.1	2.77



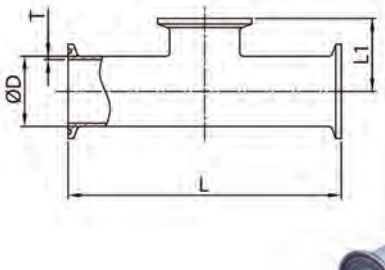
DT-4.1.1-8 180° CLAMP ELBOW (DT-24)

SIZE	ØD	L	L1	T
1/2"	12.7	114.3	88.9	1.65
3/4"	19.05	114.3	88.9	1.65
1"	25.4	76.2	88.9	1.65
1.5"	38.1	114.3	127	1.65
2"	50.8	152.4	139.7	1.65
2.5"	63.5	190.5	158.78	1.65
3"	76.2	228.6	177.8	1.65
4"	101.6	304.8	231.78	2.11
6"	152.4	457.2	330.2	2.77



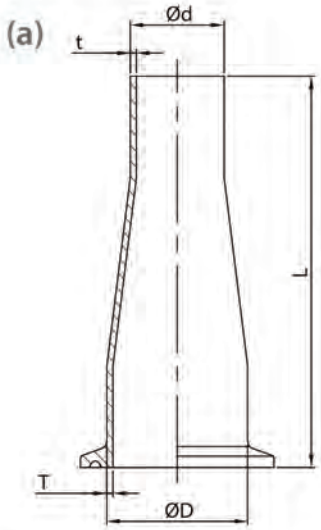
DT-4.1.2-3 SHORT OUTLET RUN WELD/CLAMP TEE (DT-25)

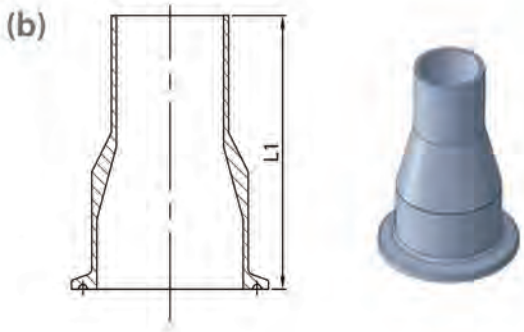
SIZE	ØD	L	L1	T
1/2"	12.7	47.63	22.23	1.65
3/4"	19.05	50.8	25.4	1.65
1"	25.4	53.98	28.58	1.65
1.5"	38.1	60.33	34.93	1.65
2"	50.8	73.03	41.28	1.65
2.5"	63.5	79.38	47.63	1.65
3"	76.2	85.73	53.98	1.65
4"	101.6	104.78	69.85	2.11
6"	152.4	142.88	117.48	2.77



DT-4.1.2-5 SHORT OUTLET TEE CLAMP END (DT-27)

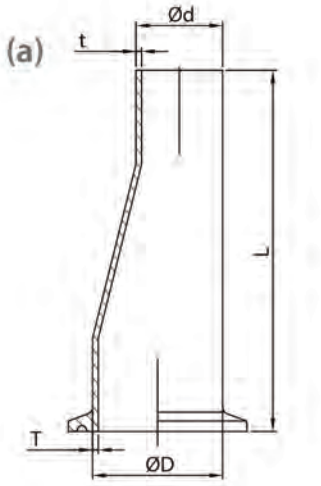
SIZE	ØD	L	L1	T
1/2"	12.7	114.3	25.4	1.65
3/4"	19.05	120.66	28.58	1.65
1"	25.4	133.36	28.58	1.65
1.5"	38.1	146.06	34.93	1.65
2"	50.8	171.46	41.28	1.65
2.5"	63.5	184.16	47.63	1.65
3"	76.2	196.86	53.98	1.65
4"	101.6	241.3	69.85	2.11
6"	152.4	361.96	117.48	2.77

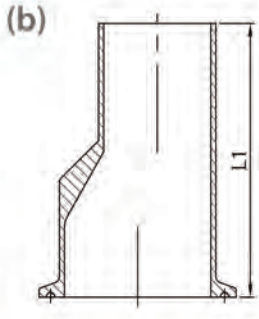




DT-4.1.3-2AC CONCENTRIC REDUCER (DT-26)

SIZE	ØD	Ød	T	t	L	L1
3/4"*1/2"	19.05	12.7	1.65	1.65	76.2	66.68
1"*1/2"	25.4	12.7	1.65	1.65	88.9	76.2
1"*3/4"	25.4	19.05	1.65	1.65	76.2	66.68
1.5"*1/2"	38.1	12.7	1.65	1.65	—	88.9
1.5"*3/4"	38.1	19.05	1.65	1.65	101.6	88.9
1.5"*1"	38.1	25.4	1.65	1.65	101.6	76.2
2"*1/2"	50.8	12.7	1.65	1.65	—	98.43
2"*3/4"	50.8	19.05	1.65	1.65	—	98.43
2"*1"	50.8	25.4	1.65	1.65	152.4	98.43
2"*1.5"	50.8	38.1	1.65	1.65	101.6	76.2
2.5"*1"	63.5	25.4	1.65	1.65	—	98.43
2.5"*1.5"	63.5	38.1	1.65	1.65	152.4	98.43
2.5"*2"	63.5	50.8	1.65	1.65	107.9	76.2
3"*1"	76.2	25.4	1.65	1.65	—	120.65
3"*1.5"	76.2	38.1	1.65	1.65	203.2	120.65
3"*2"	76.2	50.8	1.65	1.65	158.8	98.43
3"*2.5"	76.2	63.5	1.65	1.65	108	79.38
4"*2"	101.6	50.8	2.11	1.65	263.5	146.05
4"*2.5"	101.6	63.5	2.11	1.65	212.7	123.83
4"*3"	101.6	76.2	2.11	1.65	161.9	114.3
6"*3"	152.4	76.2	2.77	2.77	228.6	203.2
6"*4"	152.4	101.6	2.77	2.77	228.6	161.93



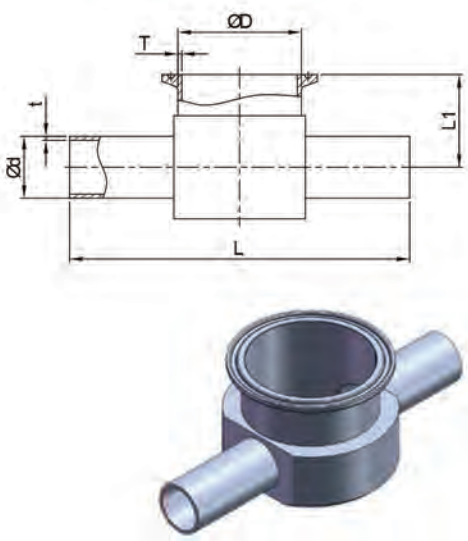


DT-4.1.3-2AE ECCENTRIC REDUCER (DT-26)

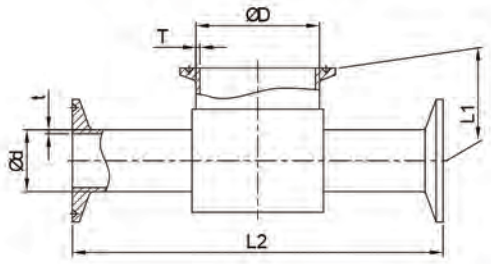
SIZE	ØD	Ød	T	t	L	L1
3/4"*1/2"	19.05	12.7	1.65	1.65	76.2	66.68
1"*1/2"	25.4	12.7	1.65	1.65	88.9	76.2
1"*3/4"	25.4	19.05	1.65	1.65	76.2	66.68
1.5"*1/2"	38.1	12.7	1.65	1.65	—	88.9
1.5"*3/4"	38.1	19.05	1.65	1.65	101.6	88.9
1.5"*1"	38.1	25.4	1.65	1.65	101.6	76.2
2"*1/2"	50.8	12.7	1.65	1.65	—	98.43
2"*3/4"	50.8	19.05	1.65	1.65	—	98.43
2"*1"	50.8	25.4	1.65	1.65	152.4	98.43
2"*1.5"	50.8	38.1	1.65	1.65	101.6	76.2
2.5"*1"	63.5	25.4	1.65	1.65	—	98.43
2.5"*1.5"	63.5	38.1	1.65	1.65	152.4	98.43
2.5"*2"	63.5	50.8	1.65	1.65	107.9	76.2
3"*1"	76.2	25.4	1.65	1.65	—	120.65
3"*1.5"	76.2	38.1	1.65	1.65	203.2	120.65
3"*2"	76.2	50.8	1.65	1.65	158.8	98.43
3"*2.5"	76.2	63.5	1.65	1.65	108	79.38
4"*2"	101.6	50.8	2.11	1.65	263.5	146.05
4"*2.5"	101.6	63.5	2.11	1.65	212.7	123.83
4"*3"	101.6	76.2	2.11	1.65	161.9	114.3
6"*3"	152.4	76.2	2.77	1.65	222.3	203.2
6"*4"	152.4	101.6	2.77	2.11	228.6	161.93

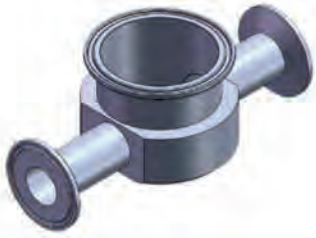
RACCORDI ASME-BPE
ASME-BPE FITTINGS

DT-4.1.2-10 (DT-28)



DT-4.1.2-11 (DT-29)

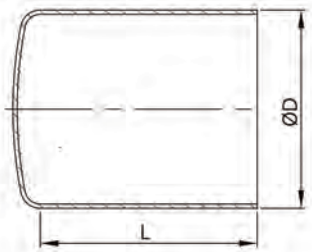




INSTRUMENT TEE WELD/CLAMP END

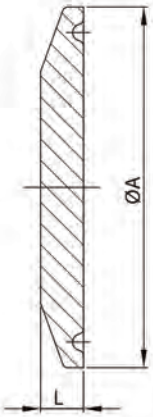
SIZE	ØD	Ød	L	L1	L2	T	t
1.5"*1/2"	38.1	12.7	127	22.23	152.4	1.65	1.65
1.5"*3/4"	38.1	19.05	127	25.4	152.4	1.65	1.65
1.5"*1"	38.1	25.4	127	28.58	152.4	1.65	1.65
2"*1/2"	50.8	12.7	139.7	25.4	165.1	1.65	1.65
2"*3/4"	50.8	19.05	139.7	28.58	165.1	1.65	1.65
2"*1"	50.8	25.4	139.7	31.75	165.1	1.65	1.65
2"*1.5"	50.8	38.1	139.7	38.1	165.1	1.65	1.65
2.5"*1/2"	63.5	12.7	170	35	195.4	1.65	1.65
2.5"*3/4"	63.5	19.05	170	38.1	195.4	1.65	1.65
2.5"*1"	63.5	25.4	170	41.3	195.4	1.65	1.65
2.5"*1.5"	63.5	38.1	170	44.5	195.4	1.65	1.65
2.5"*2"	63.5	50.8	170	48	195.4	1.65	1.65
3"*1/2"	76.2	12.7	180	38.1	205.4	1.65	1.65
3"*3/4"	76.2	19.05	180	41.3	205.4	1.65	1.65
3"*1"	76.2	25.4	180	44.5	205.4	1.65	1.65
3"*1.5"	76.2	38.1	180	48	205.4	1.65	1.65
3"*2"	76.2	50.8	180	50.8	205.4	1.65	1.65
3"*2.5"	76.2	63.5	180	54	205.4	1.65	1.65
4"*1/2"	101.6	12.7	220	79.4	245.4	1.65	1.65
4"*3/4"	101.6	19.05	220	82.6	245.4	1.65	1.65
4"*1"	101.6	25.4	220	85.7	245.4	2.11	1.65
4"*1.5"	101.6	38.1	220	88.9	245.4	2.11	1.65
4"*2"	101.6	50.8	220	95.2	245.4	2.11	1.65
4"*2.5"	101.6	63.5	220	98.4	245.4	2.11	1.65
4"*3"	101.6	76.2	220	101.6	245.4	2.11	1.65

DT-4.1.5-1 AUTOMATIC TUBE WELD CAP(DT-30)



SIZE	ØD	L
1/2"	12.7	38.1
3/4"	19.05	38.1
1.0"	25.4	38.1
1.5"	38.1	38.1
2.0"	50.8	38.1
2.5"	63.5	38.1
3.0"	76.2	44.45
4.0"	101.6	50.8
6.0"	152.4	63.5

DT-4.1.5-2 SOLID END CAP HYGIENIC CLAMP JOINT(DT-31)



SIZE	ØD	L
1/4"	25	4.75
3/8"	25	4.75
1/2"	25	4.75
3/4"	25	4.75
1.0"	34/50.39	6.35
1.5"	50.39	6.35
2.0"	63.91	6.35
2.5"	77.39	6.35
3.0"	90.91	6.35
4.0"	118.92	7.92
6.0"	166.88	11.1

GUARNIZIONI CLAMP
CLAMP GASKETS

CARATTERISTICHE:

- Certificazione U.S. Pharmacopeia Class VI
- Criteri Citotossicità
- cfr. Titolo 21 Sezione 177.1550
- cfr. Titolo 21 Sezione 177.2600
- Tracciabilità: Lotto
- Certificazione: Lotto
- Norme ASME-BPE
- Norme USDA
- Norme sanitarie 3-A
- Current Good Manufacturing Practices (cGMP)
- Specifiche e dati del Costruttore
- Consultazione con vari utilizzatori farmaceutici
- Nessun ingrediente di origine animale

I materiali delle guarnizioni considerate sono Tuf-Steel® (PTFE/Acciaio Inossidabile), Tuf-Flex®, PTFE, Silicone (platino), FKM Fluoroelastomero, EPDM e Buna.

CHARACTERISTICS:

- Certificazione U.S. Pharmacopeia Class VI
- U.S. Pharmacopeia Class VI Certification
- Cytotoxicity Criteria
- CFR Title 21 Section 177.1550
- CFR Title 21 Section 177.2600
- Traceability: Lot and Batch
- Certification: Lot and Batch
- ASME-BPE Standards
- USDA Standards
- 3-A Sanitary Standards
- Current Good Manufacturing Practices (cGMP)
- Manufacturer data and specifications
- Consultation with various pharmaceutical users
- Animal Derived Ingredient Free

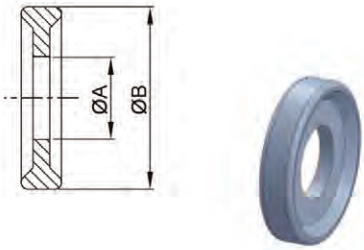
The gasket materials considered are Tuf-Steel® (PTFE/Stainless Steel), Tuf-Flex®, PTFE, Silicone (platinum), FKM Fluoroelastomer, EPDM and Buna.

A richiesta si forniscono guarnizioni in gylon blue.

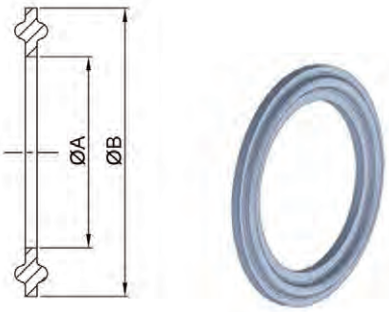
Upon request gylon blue gaskets.

13PG

1/2"-3/4"



1"~8"
DN10~DN200



13PG (EPDM、SILICONE、VITON、PTFE)

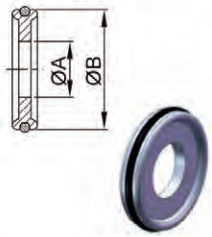
Imperial	ØA	ØB
1/2"	9.9	21.8
3/4"	16.3	21.8
A37	19	33
1"	22.7	50
1.25"	29.5	50.5
1.5"	35.9	50
2"	48.6	63.5
2.5"	61.3	76.2
3"	74	88.9
3.5"	86	105
4"	98.6	118
4.5"	110.5	129
5"	134.7	153
6"	147.8	165
8"	198.6	216

ISO(PTFE)	ØA	ØB
DN8	11.1	33.2
DN12	14.8	33.2
DN15	18.9	33.2
DN20	24.5	49.7
DN25	31.3	49.7
DN32	40	49.7
DN40	45.9	63.2
DN50	57.1	76.7
DN65	72.9	90.2
DN80	85.7	105.2
DN100	109.9	129.2
DN125	134.5	154.2
DN150	163.1	182.2
DN200	211.9	232.7

DIN(EPDM)	ØA	ØB
DN10	9.8	33.2
DN15	15.8	33.2
DN20	19.8	33.2
DN28	25.8	49.7
DN34	31.8	49.7
DN40	37.8	49.7
DN52	49.8	63.2
DN70	66.8	90.2
DN85	81.8	105.2
DN101.6	98.4	118.2
DN104	100.8	118.2
DN125	125.8	154.2
DN150	150.8	182.2
DN200	200.8	232.7

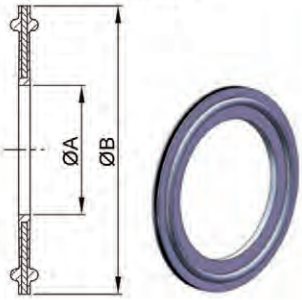
13PG(EP+PT)

1/2"



3/4"

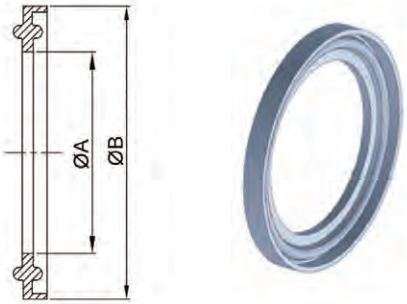
1.0"~4.0"



Imperial 13PG(EP+PT)

SIZE	ØA	ØB
1/2"	10	21.5
3/4"	16.3	21.8
1"	22.5	50.2
1.5"	34.9	50.2
2"	47.6	63.5
2.5"	60.5	77.7
3"	73.2	90.5
4"	97.7	118.4

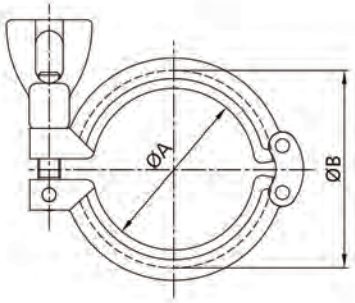
13FG



FLANGE TYPE 13FG

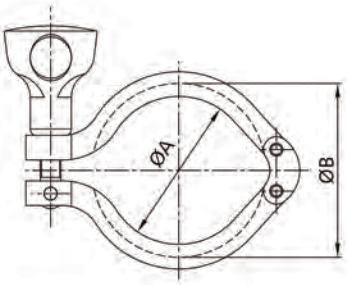
SIZE	ØA	ØB
1"	22.8	52.7
1.5"	35.8	52.7
2"	48.8	66.2
2.5"	60.5	79.7
3"	73.1	93.2
4"	97.8	121.2
6"	148	169.1
8"	217.9	220.1
10"	249	270.7
12"	300	321.5

CHIUSURE CLAMP
HEAVY DUTY CLAMP-RING



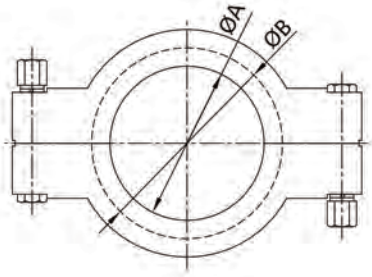
13SF HEAVY DUTY DOUBLE PIN CLAMP

SIZE	ØA	ØB
1/2"~3/4"	20	28
A37	27.5	42.9
1"~1.5"	45	53.6
2"	59	72
2.5"	67	84
3"	85	98
4"	114	127
6"	158	178
8"	210	227
10"	262	278



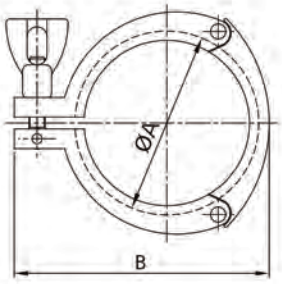
13MHHM DOUBLE PIN CLAMP

SIZE	ØA	ØB
1/2"~3/4"	20	28
A37	28	38
1"~1.5"	43.6	53.6
2"	57	67
2.5"	70.6	80.6
3"	84	94
4"	112	122
6"	155	170
8"	205	220.8



13MHP
HIGH PRESSURE BOLTED CLAMP

SIZE	ØA	ØB
1/2"~3/4"	20	28
1"~1.5"	43.32	52
2"	56.44	65.5
2.5"	69.54	79
3"	77.56	92.5
4"	108.86	120.5
6"	158	170
6.5"	173	186.2
8"	205	220.8
10"	258.2	276.8
12"	309	327.6



13MHHS
3 PIECE CLAMP

SIZE	ØA	B
1"~1.5"	54	80
2"	67.5	94
2.5"	80.9	109
3"	84.4	126
4"	122.4	154

TUBI SPECIALI
SPECIAL HOSES

TUBI TEFLON: ZAC Inox garantisce ai propri clienti di vedere soddisfatta ogni loro richiesta nella realizzazione di tubi speciali in PTFE, certificati FDA. Questi sono utilizzati nel settore farmaceutico, biotecnico, chimico ed alimentare.

TEFLON HOSES: ZAC Inox produces a wide range of special tubes in PTFE approved by the FDA. They are used in the Pharmaceutical, Biotechnical, Chemical and Food Industries.

I TUBI IN SILICONE: progettati per il trasferimento di prodotti di elevate prestazioni operative per i settori farmaceutico ed alimentare. Tutta la gamma di tubi in silicone, prodotti secondo le normative internazionali, è sempre disponibile a stock.

SILICONE HOSES: *are designed to deliver high-performance products for the pharmaceutical and food industries. The entire range of silicone hoses are produced according to international standards and is always in stock.*

TUBI SPECIALI: a richiesta, ZAC Inox, esegue tubi speciali non proposti a catalogo.Vengono anche realizzati tubi speciali con sbordatura diretta in PTFE su ogni tipo di raccordo.

SPECIAL HOSES: on demand, ZAC Inox, perform special hoses out of the catalogue offer. Zac inox also realizes special ptfe hose that can be lined.

VALVOLE SANITARIE
SANITARY VALVES

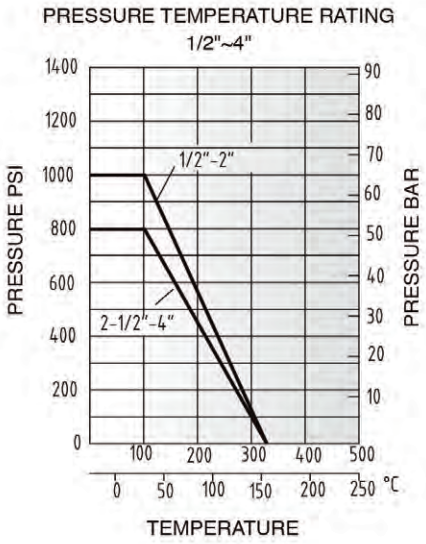
Ball Valve For Food And Bpe Use With ISO Mount Plate Weld/male/clamp End-fulled Cavity Seat

Weld End

Male End

Clamp End

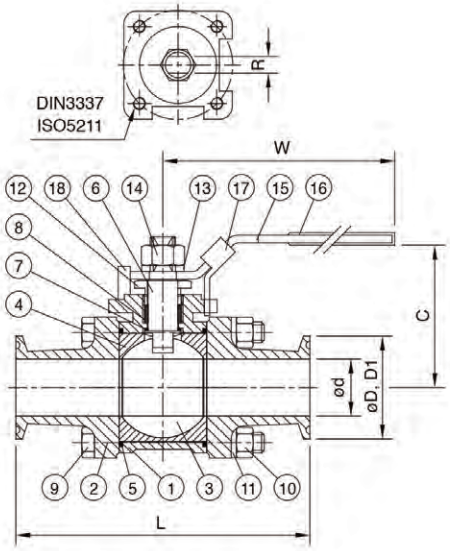
Long End



- Lock device can be required.
- 100% air tested under water at 100psi, open and closed positions.
- Hydrostatic test pressure :
  Body W.P 1000 PSI Tube End W.P 200 PSI
- Standard End: Weld & Clamp-End
  Other SMS. DIN. RJT. IDF
  Male/Male can be required.

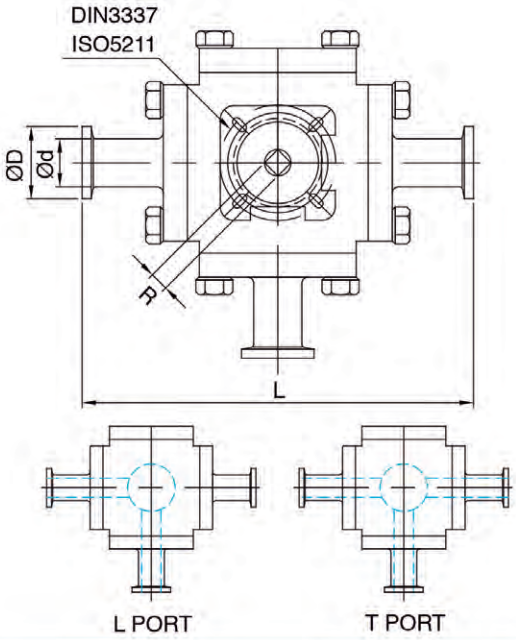
Specifications for Clamp & Weld End

SIZE	1/2"	3/4"	1"	1.5"	2"	2.5"	3"	4"
	DN15	DN20	DN25	DN40	DN50	DN65	DN80	DN100
ISO-5211	F03	F03	F04	F05	F05	F07	F07	F10
C	55	60	69	84	92	126.8	136	158.8
ød	9.4	15.75	22.1	34.8	47.5	60.2	72.9	97.4
øD	25	25	50.4	50.4	63.9	77.4	90.9	118.9
øD1	12.7	19.05	25.4	38.1	50.8	63.5	76.2	101.6
L	89	101	114	140	156	197	229	242.7
R	5	5	6.5	8.5	8.5	12	12	16
W	132	131.5	165	194.3	194.3	252	252	332



NO.	PART NAME	MATERIAL
1	BODY	ASTM-A351-CF8M
2	CAP	ASTM-A351-CF8M
3	BALL	A351-CF8M
4	Seat	PTFE
5	GASKET	PTFE
6	STEM	SUS316
7	THRUST WASHER	PTFE
8	STEM PACKING	PTFE
9	BOLT	SUS304
10	HEX NUT	SUS304
11	BOLT WASHER	SUS304
12	GLAND	SUS304
13	WASHER	SUS304
14	NUT	SUS304
15	HANDLE	SUS304
16	PLASTIC COVER	PLASTIC
17	LOCK DEVICE	SUS304
18	STOP PIN	SUS304

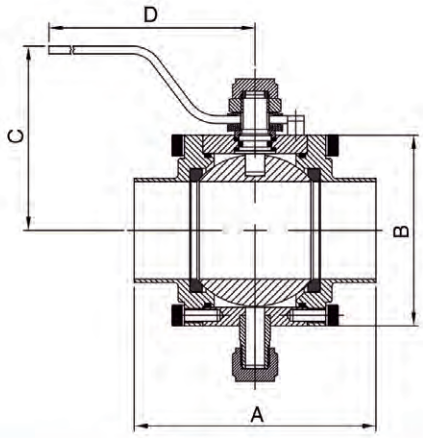
Sanitary-Ball Valve For Food Chemical, and Vacuum use. With Iso Mount Plate Weld/Male End



3 Way

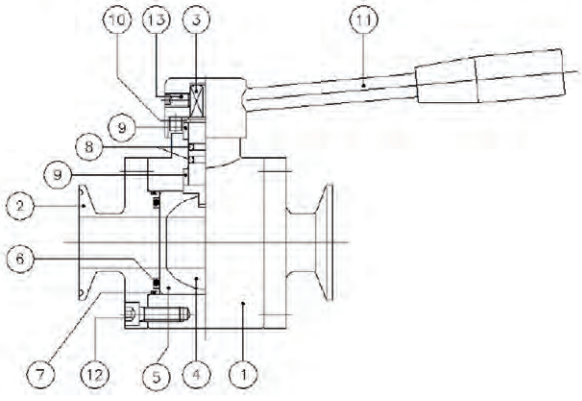
SIZE	DN	ISO-5211	L	ød	øD	R
1/2"	15	F03	118	9.5	25.4	9
3/4"	20	F03	127	15.8	25.4	9
1"	25	F04	152.6	22.2	50.4	11
1-1/2"	40	F05	175	35	50.4	14
2"	50	F05	190	47.6	63.9	14
2-1/2"	65	F07	228	60.3	77.5	17
3"	80	F10	260.6	73	90.9	22
4"	100	F10	290	97.4	118.9	22

HIGH PURITY BALL VALVE - Fulled Cavity PTFE Seat, or Half Cavity Seat



SIZE	A	B	C	D
1"	95.3	58.7	60.3	163.5
1.5"	108	77.8	71.4	163.5
2"	119	93.7	79.4	163.5
2.5"	135	106.4	85.7	163.5
3"	165.1	125.4	95.3	163.5

HIGH PURITY BALL VALVE - Fulled Cavity PTFE Seat, or Half Cavity Seat



SIZE	A	B	C	D
1"	95.3	58.7	60.3	163.5
1.5"	108	77.8	71.4	163.5
2"	119	93.7	79.4	163.5
2.5"	135	106.4	85.7	163.5
3"	165.1	125.4	95.3	163.5

NOTES // NOTE

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