

Maximum Purity with Guaranteed Ra

MaxPure

Bio-Pharm Fittings (ASME BPE) Price List



NEUMO



VNE



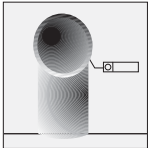
EGMO

Neumo Ehrenberg Group

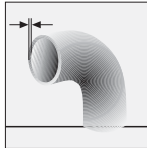
Fittings Specifications

Nominal OD Size	½"	¾"	1"	1½"	2"	2½"	3"	4"	6"
O.D. Tolerance	±.005	±.005	±.005	±.008	±.008	±.010	±.010	±.015	±.030
Nominal Wall Thickness	.065	.065	.065	.065	.065	.065	.065	.083	.109
Wall Thickness Tolerance before EP	+ .005 - .008	+ .005 - .008	+ .005 - .008	+ .005 - .008	+ .005 - .008	+ .005 - .008	+ .005 - .008	+ .008 - .010	+ .015 - .015
Wall Thickness Tolerance after EP	+ .005 - .010	+ .005 - .010	+ .005 - .010	+ .005 - .010	+ .005 - .010	+ .005 - .010	+ .005 - .010	+ .008 - .012	+ .015 - .017
Control Length (C)	.750	.750	.750	.750	.750	.750	.750	.750	.750
Tangent Length (T)	1.500	1.500	1.500	1.500	1.500	1.500	1.750	2.000	2.500
Squareness Face to Tangent (B)	.005	.005	.008	.008	.008	.010	.016	.016	.030
Off Angle (O)	.014	.018	.025	.034	.043	.054	.068	.086	.135
Off Plane (P)	±.030	±.030	±.030	±.050	±.050	±.050	±.050	±.060	±.060

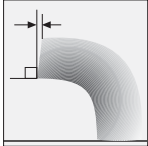
•Roundness



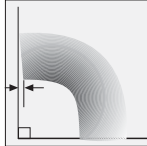
•Wall Thickness



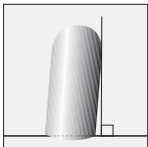
•Squareness Face to Tangent



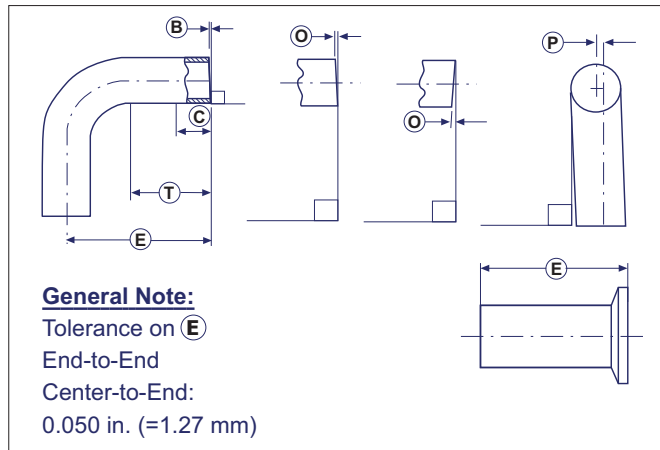
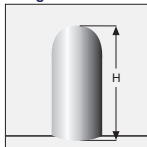
•Off Angle



•Off Plane



•Height



Fittings Specifications

Surface Finish:

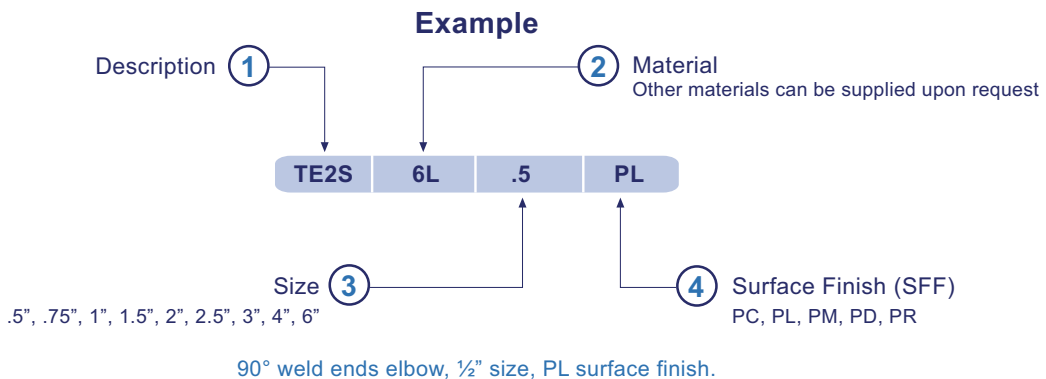
Reference: ASME BPE Part SF, table SF-4.

Surface Finish Code	ASME BPE Surface Designation	Inside Surface		Outside Surface	
		Ra Maximum		Surface Treatment	
		μ-in.	μm		Surface Treatment
PC	SFF1	20	0.5	Mechanically Polished	Unpolished
PL	SFF1	20	0.5	Mechanically Polished	Mechanically polished to 32 Ra μ-in.
PF	SFF3	30	0.75	Mechanically Polished	Unpolished
PT	SFF3	30	0.75	Mechanically Polished	Mechanically polished to 32 Ra μ-in.
PD	SFF4	15	0.375	Mechanically Polished & Electropolished	Unpolished
PR		10	0.25	Mechanically Polished & Electropolished	Mechanically polished to 32 Ra μ-in.
PM	SFF4	15	0.375	Mechanically Polished & Electropolished	Mechanically polished to 32 Ra μ-in.
PO	SFF5	20	0.5	Mechanically Polished & Electropolished	Mechanically polished to 32 Ra μ-in.

- General Notes:**
1. All Ra readings are taken across the lay, wherever possible.
 2. Other customized finishes are available on request.

Ordering Information

To specify the part completely, start with the product description and select the additional options as shown below:



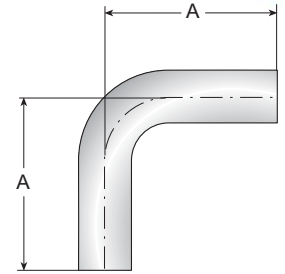
POA - Price On Availability



Elbows

TE2S - 90° ELBOW

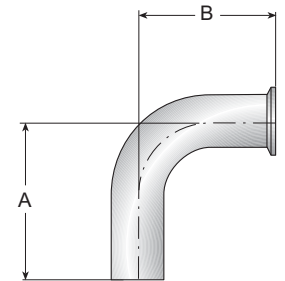
Nominal Size in.	Dimensions		Ordering Code	Price US\$				
	A in.	A mm		PC	PL	PD	PM	PR
½	3.00	76.2	TE2S6L.5-..	42.23	54.54	52.27	65.66	POA
¾	3.00	76.2	TE2S6L.75-..	42.23	54.54	52.27	65.66	POA
1	3.00	76.2	TE2S6L1.0-..	36.72	48.92	46.76	60.05	POA
1½	3.75	95.3	TE2S6L1.5-..	36.72	48.92	47.84	61.24	POA
2	4.75	120.7	TE2S6L2.0-..	45.58	60.05	57.89	72.36	POA
2½	5.50	139.7	TE2S6L2.5-..	66.74	90.07	83.48	107.89	POA
3	6.25	158.8	TE2S6L3.0-..	97.85	125.28	115.56	143.64	POA
4	8.00	203.2	TE2S6L4.0-..	160.92	216.00	183.60	237.60	POA
6	11.50	292.1	TE2S6L6.0-..	POA	1,348.92	POA	1,495.80	POA



BPE TABLE # DT-7

TE2C - 90° ELBOW CLAMP ONE END

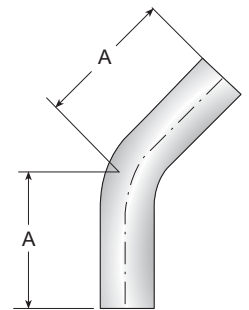
Nominal Size in.	Dimensions				Ordering Code	Price US\$				
	A in.	A mm	B in.	B mm		PC	PL	PD	PM	PR
½	3.00	76.2	1.625	41.3	TE2C6L.5-..	70.86	77.87	79.20	88.99	POA
¾	3.00	76.2	1.625	41.3	TE2C6L.75-..	70.86	77.87	79.20	88.99	POA
1	3.00	76.2	2.000	50.8	TE2C6L1.0-..	64.77	71.17	74.30	83.48	POA
1½	3.75	95.3	2.750	69.9	TE2C6L1.5-..	64.77	71.17	75.26	84.56	POA
2	4.75	120.7	3.500	88.9	TE2C6L2.0-..	81.97	90.07	95.06	106.81	POA
2½	5.50	139.7	4.250	108.0	TE2C6L2.5-..	125.80	138.24	143.22	160.92	POA
3	6.25	158.8	5.000	127.0	TE2C6L3.0-..	164.13	180.36	180.71	203.04	POA
4	8.00	203.2	6.625	168.3	TE2C6L4.0-..	255.53	280.80	274.90	308.88	POA
6	11.50	292.1	10.500	266.7	TE2C6L6.0-..	POA	1,436.40	POA	1,506.60	POA



BPE TABLE # DT-12

TE2KS - 45° ELBOW

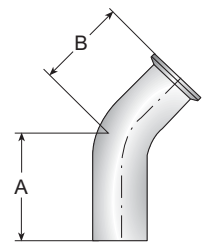
Nominal Size in.	Dimensions		Ordering Code	Price US\$				
	A in.	A mm		PC	PL	PD	PM	PR
½	2.250	57.2	TE2KS6L.5-..	46.76	57.89	58.97	67.82	POA
¾	2.250	57.2	TE2KS6L.75-..	46.76	57.89	58.97	67.82	POA
1	2.250	57.2	TE2KS6L1.0-..	41.15	50.11	51.19	61.24	POA
1½	2.500	63.5	TE2KS6L1.5-..	41.15	50.11	53.35	63.40	POA
2	3.000	76.2	TE2KS6L2.0-..	53.35	58.97	67.82	72.36	POA
2½	3.375	85.7	TE2KS6L2.5-..	54.54	67.82	74.52	85.64	POA
3	3.625	92.1	TE2KS6L3.0-..	67.82	80.14	86.72	100.12	POA
4	4.500	114.3	TE2KS6L4.0-..	126.36	139.32	152.28	162.00	POA
6	6.250	158.8	TE2KS6L6.0-..	POA	1,270.08	POA	1,408.32	POA



BPE TABLE # DT-8

TE2KC - 45° ELBOW CLAMP ONE END

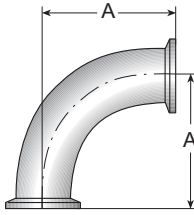
Nominal Size in.	Dimensions				Ordering Code	Price US\$				
	A in.	A mm	B in.	B mm		PC	PL	PD	PM	PR
½	2.250	57.2	1.000	25.4	TE2KC6L.5-..	66.61	73.44	76.22	85.64	POA
¾	2.250	57.2	1.000	25.4	TE2KC6L.75-..	66.61	73.44	76.22	85.64	POA
1	2.250	57.2	1.125	28.6	TE2KC6L1.0-..	64.77	71.17	74.30	83.48	POA
1½	2.500	63.5	1.438	36.5	TE2KC6L1.5-..	64.77	71.17	75.26	84.56	POA
2	3.000	76.2	1.750	44.5	TE2KC6L2.0-..	73.91	81.22	86.12	96.77	POA
2½	3.375	85.7	2.063	52.4	TE2KC6L2.5-..	94.15	103.46	110.54	124.20	POA
3	3.625	92.1	2.380	60.3	TE2KC6L3.0-..	125.80	138.24	143.22	160.92	POA
4	4.500	114.3	3.125	79.4	TE2KC6L4.0-..	170.02	186.84	191.28	214.92	POA
6	6.250	158.8	5.250	133.4	TE2KC6L6.0-..	POA	POA	POA	POA	POA



BPE TABLE # DT-13



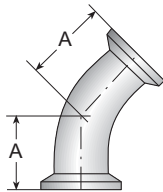
Elbows



BPE TABLE # DT-16

TEG2C - 90° ELBOW

Nominal Size in.	Dimensions		Ordering Code	Price US\$				
	A in.	A mm		PC	PL	PD	PM	PR
1/2	1.625	41.3	TEG2C6L.5-..	67.81	74.52	77.18	86.72	POA
3/4	1.625	41.3	TEG2C6L.75-..	67.81	74.52	77.18	86.72	POA
1	2.00	50.8	TEG2C6L1.0-..	59.75	65.66	68.34	76.79	POA
1 1/2	2.75	69.9	TEG2C6L1.5-..	59.75	65.66	70.26	78.95	POA
2	3.50	88.9	TEG2C6L2.0-..	80.00	87.91	92.08	103.46	POA
2 1/2	4.25	108.0	TEG2C6L2.5-..	131.70	144.72	146.10	164.16	POA
3	5.00	127.0	TEG2C6L3.0-..	149.39	164.16	166.29	186.84	POA
4	6.625	168.3	TEG2C6L4.0-..	306.63	336.96	326.81	367.20	POA
6	10.50	266.7	TEG2C6L6.0-..	1,729.73	1,900.80	1,855.12	2,084.40	POA



BPE TABLE # DT-17

TEG2K - 45° ELBOW

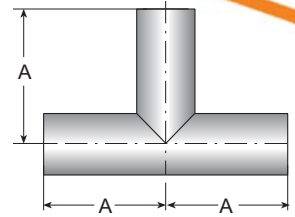
Nominal Size in.	Dimensions		Ordering Code	Price US\$				
	A in.	A mm		PC	PL	PD	PM	PR
1/2	1.000	25.4	TEG2K6L.5-..	80.98	88.99	90.06	101.20	POA
3/4	1.000	25.4	TEG2K6L.75-..	80.98	88.99	90.06	101.20	POA
1	1.125	28.6	TEG2K6L1.0-..	78.92	86.72	81.22	91.26	POA
1 1/2	1.483	37.67	TEG2K6L1.5-..	71.84	78.95	82.18	92.34	POA
2	1.750	44.5	TEG2K6L2.0-..	84.03	92.34	96.02	107.89	POA
2 1/2	2.063	52.4	TEG2K6L2.5-..	129.73	142.56	146.10	164.16	POA
3	2.375	60.3	TEG2K6L3.0-..	164.13	180.36	180.71	203.04	POA
4	3.125	79.4	TEG2K6L4.0-..	368.55	405.00	389.29	437.40	POA
6	5.250	133.4	TEG2K6L6.0-..	1,573.46	1,729.08	1,829.16	2,055.24	POA



Tees

TE7WWW - TEE

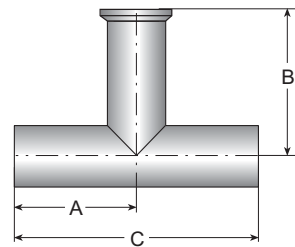
Nominal	Dimensions		Ordering Code	Price US\$				
Size in.	A in.	A mm		PC	PL	PD	PM	PR
½	1.875	47.6	TE7WWW6L.5-..	67.82	80.14	77.87	90.07	POA
¾	2.000	50.8	TE7WWW6L.75-..	67.82	80.14	77.87	90.07	POA
1	2.125	54.0	TE7WWW6L1.0-..	62.32	72.36	72.36	82.30	POA
1½	2.375	60.3	TE7WWW6L1.5-..	62.32	72.36	73.44	83.48	POA
2	2.875	73.0	TE7WWW6L2.0-..	71.17	83.48	84.56	99.04	POA
2½	3.125	79.4	TE7WWW6L2.5-..	88.99	103.46	109.08	122.04	POA
3	3.375	85.7	TE7WWW6L3.0-..	132.84	143.64	153.36	160.92	POA
4	4.125	104.8	TE7WWW6L4.0-..	194.40	208.44	217.08	231.12	POA
6	5.625	142.9	TE7WWW6L6.0-..	1,357.56	1,398.60	POA	1,553.04	POA



BPE TABLE # DT-9

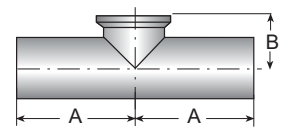
TE7WWC - TEE

Nominal	Dimensions						Ordering Code	Price US\$				
Size in.	A in.	A mm	B in.	B mm	C in.	C mm		PC	PL	PD	PM	PR
½	1.875	47.6	2.250	57.2	3.75	95.2	TE7WWC6L.5-..	85.01	93.42	95.06	106.81	POA
¾	2.000	50.8	2.375	60.3	4.00	101.6	TE7WWC6L.75-..	85.01	93.42	95.06	106.81	POA
1	2.125	54.0	2.625	66.68	4.25	108.0	TE7WWC6L1.0-..	75.97	83.48	84.20	94.61	POA
1½	2.375	60.3	2.875	73.03	4.75	120.6	TE7WWC6L1.5-..	75.97	83.48	87.08	97.85	POA
2	2.875	73.0	3.375	85.70	5.75	146.0	TE7WWC6L2.0-..	91.11	100.12	103.81	116.64	POA
2½	3.125	79.4	3.625	92.08	6.25	158.8	TE7WWC6L2.5-..	118.92	130.68	137.45	154.44	POA
3	3.375	85.7	3.875	98.43	6.75	171.4	TE7WWC6L3.0-..	162.16	178.20	179.74	201.96	POA
4	4.125	104.8	4.750	120.65	8.25	209.6	TE7WWC6L4.0-..	342.01	375.84	361.41	406.08	POA
6	5.625	142.9	7.125	181.0	11.25	285.8	TE7WWC6L6.0-..	POA	POA	POA	POA	POA



TE7WWCS - SHORT OUTLET TEE

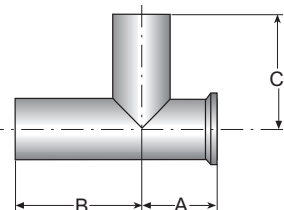
Nominal	Dimensions				Ordering Code	Price US\$				
Size in.	A in.	A mm	B in.	B mm		PC	PL	PD	PM	PR
½	1.875	47.6	1.000	25.4	TE7WWCS6L.5-..	85.01	93.42	95.06	106.81	POA
¾	2.000	50.8	1.125	28.6	TE7WWCS6L.75-..	85.01	93.42	95.06	106.81	POA
1	2.125	54.0	1.125	28.6	TE7WWCS6L1.0-..	75.97	83.48	84.20	94.61	POA
1½	2.375	60.3	1.375	34.9	TE7WWCS6L1.5-..	75.97	83.48	87.08	97.85	POA
2	2.875	73.0	1.625	41.3	TE7WWCS6L2.0-..	91.11	100.12	103.81	116.64	POA
2½	3.125	79.4	1.875	47.6	TE7WWCS6L2.5-..	118.92	130.68	137.45	154.44	POA
3	3.375	85.7	2.125	54.0	TE7WWCS6L3.0-..	162.16	178.20	179.74	201.96	POA
4	4.125	104.8	2.750	69.9	TE7WWCS6L4.0-..	342.01	375.84	361.41	406.08	POA
6	5.625	142.9	4.625	117.5	TE7WWCS6L6.0-..	POA	1,739.88	POA	1,931.04	POA



BPE TABLE # DT-15

TE7WCSW - SHORT OUTLET RUN TEE

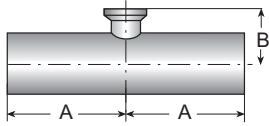
Nominal	Dimensions						Ordering Code	Price US\$				
Size in.	A in.	A mm	B in.	B mm	C in.	C mm		PC	PL	PD	PM	PR
½	0.875	22.2	1.879	47.7	1.875	47.6	TE7WCSW6L.5-..	85.01	93.42	95.06	106.81	POA
¾	1.00	25.4	2.00	50.8	2.00	50.8	TE7WCSW6L.75-..	85.01	93.42	95.06	106.81	POA
1	1.125	28.6	2.125	54.0	2.125	54.0	TE7WCSW6L1.0-..	75.97	83.48	84.20	94.61	POA
1½	1.375	34.9	2.375	60.3	2.375	60.3	TE7WCSW6L1.5-..	75.97	83.48	87.08	97.85	POA
2	1.625	41.5	2.875	73.0	2.875	73.0	TE7WCSW6L2.0-..	91.11	100.12	103.81	116.64	POA
2½	1.875	47.6	3.125	79.4	3.125	79.4	TE7WCSW6L2.5-..	118.92	130.68	137.45	154.44	POA
3	2.125	54.0	3.375	85.7	3.375	85.7	TE7WCSW6L3.0-..	162.16	178.20	179.74	201.96	POA
4	2.75	69.9	4.125	104.8	4.125	104.8	TE7WCSW6L4.0-..	342.01	375.84	361.41	406.08	POA
6	4.625	117.5	5.625	142.9	5.625	142.9	TE7WCSW6L6.0-..	POA	POA	POA	POA	POA



BPE TABLE # DT-25



Tees



BPE TABLE # DT-14

TE7RWWCS - SHORT OUTLET REDUCING TEE

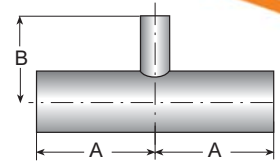
Nominal Size in.	Dimensions				Ordering Code	Price US\$				
	A in.	A mm	B in.	B mm		PC	PL	PD	PM	PR
¼ × ½	2.000	50.8	1.000	25.4	TE7RWWCS6L.75-.5-..	109.09	119.88	118.23	132.84	POA
1 × ½	2.125	54.0	1.125	28.6	TE7RWWCS6L1.0-.5-..	114.00	125.28	124.96	140.40	POA
1 × ¾	2.125	54.0	1.125	28.6	TE7RWWCS6L1.0-.75-..	114.00	125.28	124.96	140.40	POA
1½ × ½	2.375	60.3	1.375	34.9	TE7RWWCS6L1.5-.5-..	114.99	126.36	127.84	143.64	POA
1½ × ¾	2.375	60.3	1.375	34.9	TE7RWWCS6L1.5-.75-..	114.99	126.36	127.84	143.64	POA
1½ × 1	2.375	60.3	1.375	34.9	TE7RWWCS6L1.5-1.0-..	114.99	126.36	127.84	143.64	POA
2 × ½	2.875	73.0	1.625	41.3	TE7RWWCS6L2.0-.5-..	128.75	141.48	142.26	159.84	POA
2 × ¾	2.875	73.0	1.625	41.3	TE7RWWCS6L2.0-.75-..	128.75	141.48	142.26	159.84	POA
2 × 1	2.875	73.0	1.625	41.3	TE7RWWCS6L2.0-1.0-..	142.51	156.60	158.60	178.20	POA
2 × 1½	2.875	73.0	1.625	41.3	TE7RWWCS6L2.0-1.5-..	142.51	156.60	158.60	178.20	POA
2½ × ½	3.125	79.4	1.875	47.6	TE7RWWCS6L2.5-.5-..	179.85	197.64	198.01	222.48	POA
2½ × ¾	3.125	79.4	1.875	47.6	TE7RWWCS6L2.5-.75-..	179.85	197.64	198.01	222.48	POA
2½ × 1	3.125	79.4	1.875	47.6	TE7RWWCS6L2.5-1.0-..	179.85	197.64	198.01	222.48	POA
2½ × 1½	3.125	79.4	1.875	47.6	TE7RWWCS6L2.5-1.5-..	179.85	197.64	198.01	222.48	POA
2½ × 2	3.125	79.4	1.875	47.6	TE7RWWCS6L2.5-2.0-..	179.85	197.64	198.01	222.48	POA
3 × ½	3.375	85.7	2.125	54.0	TE7RWWCS6L3.0-.5-..	287.96	316.44	305.66	343.44	POA
3 × ¾	3.375	85.7	2.125	54.0	TE7RWWCS6L3.0-.75-..	287.96	316.44	305.66	343.44	POA
3 × 1	3.375	85.7	2.125	54.0	TE7RWWCS6L3.0-1.0-..	287.96	316.44	305.66	343.44	POA
3 × 1½	3.375	85.7	2.125	54.0	TE7RWWCS6L3.0-1.5-..	287.96	316.44	305.66	343.44	POA
3 × 2	3.375	85.7	2.125	54.0	TE7RWWCS6L3.0-2.0-..	287.96	316.44	305.66	343.44	POA
3 × 2½	3.375	85.7	2.125	54.0	TE7RWWCS6L3.0-2.5-..	287.96	316.44	305.66	343.44	POA
4 × ½	4.125	104.8	2.625	66.7	TE7RWWCS6L4.0-.5-..	414.74	455.76	434.46	488.16	POA
4 × ¾	4.125	104.8	2.625	66.7	TE7RWWCS6L4.0-.75-..	414.74	455.76	434.46	488.16	POA
4 × 1	4.125	104.8	2.625	66.7	TE7RWWCS6L4.0-1.0-..	414.74	455.76	434.46	488.16	POA
4 × 1½	4.125	104.8	2.625	66.7	TE7RWWCS6L4.0-1.5-..	414.74	455.76	434.46	488.16	POA
4 × 2	4.125	104.8	2.625	66.7	TE7RWWCS6L4.0-2.0-..	414.74	455.76	434.46	488.16	POA
4 × 2½	4.125	104.8	2.625	66.7	TE7RWWCS6L4.0-2.5-..	414.74	455.76	434.46	488.16	POA
4 × 3	4.125	104.8	2.625	66.7	TE7RWWCS6L4.0-3.0-..	414.74	455.76	434.46	488.16	POA
6 × 4	5.625	142.9	3.750	95.3	TE7RWWCS6L6.0-4.0-..	POA	1,460.16	POA	1,581.12	POA



Tees

TE7RWWW - REDUCING TEE

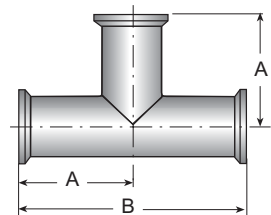
Nominal Size in.	Dimensions				Ordering Code	Price US\$				
	A in.	A mm	B in.	B mm		PC	PL	PD	PM	PR
¼ × ½	2.000	50.8	2.000	50.8	TE7RWWW6L.75-5-..	97.85	104.54	110.16	116.64	POA
1 × ½	2.125	54.0	2.125	54.0	TE7RWWW6L1.0-5-..	101.20	107.89	113.40	120.96	POA
1 × ¾	2.125	54.0	2.125	54.0	TE7RWWW6L1.0-.75-..	101.20	107.89	113.40	120.96	POA
1½ × ½	2.375	60.3	2.375	60.3	TE7RWWW6L1.5-5-..	106.81	113.40	120.96	128.52	POA
1½ × ¾	2.375	60.3	2.375	60.3	TE7RWWW6L1.5-.75-..	101.20	107.89	115.56	122.04	POA
1½ × 1	2.375	60.3	2.375	60.3	TE7RWWW6L1.5-1.0-..	106.81	113.40	120.96	128.52	POA
2 × ½	2.875	73.0	2.625	66.7	TE7RWWW6L2.0-5-..	123.12	146.88	141.48	162.00	POA
2 × ¾	2.875	73.0	2.625	66.7	TE7RWWW6L2.0-.75-..	123.12	146.88	141.48	162.00	POA
2 × 1	2.875	73.0	2.625	66.7	TE7RWWW6L2.0-1.0-..	123.12	146.88	141.48	162.00	POA
2 × 1½	2.875	73.0	2.625	66.7	TE7RWWW6L2.0-1.5-..	123.12	146.88	141.48	162.00	POA
2½ × ½	3.125	79.4	2.875	73.0	TE7RWWW6L2.5-5-..	155.52	180.36	178.20	203.04	POA
2½ × ¾	3.125	79.4	2.875	73.0	TE7RWWW6L2.5-.75-..	155.52	180.36	178.20	203.04	POA
2½ × 1	3.125	79.4	2.875	73.0	TE7RWWW6L2.5-1.0-..	155.52	180.36	178.20	203.04	POA
2½ × 1½	3.125	79.4	2.875	73.0	TE7RWWW6L2.5-1.5-..	155.52	180.36	178.20	203.04	POA
2½ × 2	3.125	79.4	2.875	73.0	TE7RWWW6L2.5-2.0-..	155.52	180.36	178.20	200.88	POA
3 × ½	3.375	85.7	3.125	79.4	TE7RWWW6L3.0-5-..	266.76	299.16	295.92	326.16	POA
3 × ¾	3.375	85.7	3.125	79.4	TE7RWWW6L3.0-.75-..	266.76	299.16	295.92	326.16	POA
3 × 1	3.375	85.7	3.125	79.4	TE7RWWW6L3.0-1.0-..	266.76	299.16	295.92	326.16	POA
3 × 1½	3.375	85.7	3.125	79.4	TE7RWWW6L3.0-1.5-..	266.76	299.16	295.92	326.16	POA
3 × 2	3.375	85.7	3.125	79.4	TE7RWWW6L3.0-2.0-..	266.76	299.16	295.92	326.16	POA
3 × 2½	3.375	85.7	3.125	79.4	TE7RWWW6L3.0-2.5-..	266.76	299.16	295.92	326.16	POA
4 × ½	4.125	104.8	3.625	92.1	TE7RWWW6L4.0-5-..	397.44	438.48	428.76	469.80	POA
4 × ¾	4.125	104.8	3.625	92.1	TE7RWWW6L4.0-.75-..	397.44	438.48	428.76	469.80	POA
4 × 1	4.125	104.8	3.625	92.1	TE7RWWW6L4.0-1.0-..	397.44	438.48	428.76	469.80	POA
4 × 1½	4.125	104.8	3.625	92.1	TE7RWWW6L4.0-1.5-..	397.44	438.48	428.76	469.80	POA
4 × 2	4.125	104.8	3.875	98.4	TE7RWWW6L4.0-2.0-..	397.44	438.48	428.76	469.80	POA
4 × 2½	4.125	104.8	3.875	98.4	TE7RWWW6L4.0-2.5-..	397.44	438.48	428.76	469.80	POA
4 × 3	4.125	104.8	3.875	98.4	TE7RWWW6L4.0-3.0-..	397.44	438.48	428.76	469.80	POA
6 × 4	5.625	142.9	5.125	130.2	TE7RWWW6L6.0-4.0-..	POA 1,443.96	POA 1,540.08	POA	POA	



BPE TABLE # DT-10

TEG7 - TEE

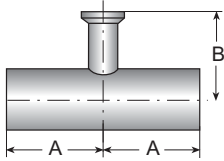
Nominal Size in.	Dimensions				Ordering Code	Price US\$				
	A in.	A mm	B in.	B mm		PC	PL	PD	PM	PR
½	2.250	57.2	4.50	114.4	TEG76L.5-..	109.09	119.88	118.23	132.84	POA
¾	2.375	60.3	4.75	120.6	TEG76L.75-..	109.09	119.88	118.23	132.84	POA
1	2.625	66.7	5.25	133.4	TEG76L1.0-..	98.18	107.89	106.69	119.88	POA
1½	2.875	73.0	5.75	146.0	TEG76L1.5-..	98.18	107.89	109.58	123.12	POA
2	3.375	85.7	6.75	175.4	TEG76L2.0-..	111.06	122.04	125.92	141.48	POA
2½	3.625	92.1	7.25	184.2	TEG76L2.5-..	146.44	160.92	166.29	186.84	POA
3	3.875	98.4	7.75	196.8	TEG76L3.0-..	314.50	345.60	331.61	372.60	POA
4	4.750	120.7	9.50	241.4	TEG76L4.0-..	604.42	664.20	626.70	704.16	POA
6	7.125	181.0	14.25	362.0	TEG76L6.0-..	2,883.54	3,168.72	3,021.05	3,394.44	POA



BPE TABLE # DT-18

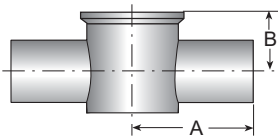


Tees



TE7RWWC - REDUCING TEE

Nominal Size in.	Dimensions				Ordering Code	Price US\$				
	A in.	A mm	B in.	B mm		PC	PL	PD	PM	PR
3/4 x 1/2	2.000	50.8	2.500	63.5	TE7RWWC6L.75-.5-..	109.09	119.88	118.23	132.84	POA
1 x 1/2	2.125	53.9	2.625	66.7	TE7RWWC6L1.0-.5-..	114.00	125.28	124.96	140.40	POA
1 x 3/4	2.125	53.9	2.625	66.7	TE7RWWC6L1.0-.75-..	114.00	125.28	124.96	140.40	POA
1 1/2 x 1/2	2.375	60.3	2.875	73.0	TE7RWWC6L1.5-.5-..	114.99	126.36	127.84	143.64	POA
1 1/2 x 3/4	2.375	60.3	2.875	73.0	TE7RWWC6L1.5-.75-..	114.99	126.36	127.84	143.64	POA
1 1/2 x 1	2.375	60.3	2.875	73.0	TE7RWWC6L1.5-1.0-..	114.99	126.36	127.84	143.64	POA
2 x 1/2	2.875	73.0	3.125	79.4	TE7RWWC6L2.0-.5-..	128.75	141.48	142.26	159.84	POA
2 x 3/4	2.875	73.0	3.125	79.4	TE7RWWC6L2.0-.75-..	128.75	141.48	142.26	159.84	POA
2 x 1	2.875	73.0	3.125	79.4	TE7RWWC6L2.0-1.0-..	142.51	156.60	158.60	178.20	POA
2 x 1 1/2	2.875	73.0	3.125	79.4	TE7RWWC6L2.0-1.5-..	142.51	156.60	158.60	178.20	POA
2 1/2 x 1/2	3.125	79.4	3.375	85.7	TE7RWWC6L2.5-.5-..	179.85	197.64	198.01	222.48	POA
2 1/2 x 1 1/2	3.125	79.4	3.375	85.7	TE7RWWC6L2.5-1.5-..	179.85	197.64	198.01	222.48	POA
2 1/2 x 2	3.125	79.4	3.375	85.7	TE7RWWC6L2.5-2.0-..	179.85	197.64	198.01	222.48	POA
3 x 1	3.375	85.7	3.625	92.1	TE7RWWC6L3.0-1.0-..	287.96	316.44	305.66	343.44	POA
3 x 1 1/2	3.375	85.7	3.625	92.1	TE7RWWC6L3.0-1.5-..	287.96	316.44	305.66	343.44	POA
3 x 2	3.375	85.7	3.625	92.1	TE7RWWC6L3.0-2.0-..	287.96	316.44	305.66	343.44	POA
3 x 2 1/2	3.375	85.7	3.625	92.1	TE7RWWC6L3.0-2.5-..	287.96	316.44	305.66	343.44	POA
4 x 1	4.125	104.8	4.125	104.8	TE7RWWC6L4.0-1.0-..	414.74	455.76	434.46	488.16	POA
4 x 1 1/2	4.125	104.8	4.125	104.8	TE7RWWC6L4.0-1.5-..	414.74	455.76	434.46	488.16	POA
4 x 2	4.125	104.8	4.375	111.1	TE7RWWC6L4.0-2.0-..	414.74	455.76	434.46	488.16	POA
4 x 2 1/2	4.125	104.8	4.375	111.1	TE7RWWC6L4.0-2.5-..	414.74	455.76	434.46	488.16	POA
4 x 3	4.125	104.8	4.375	111.1	TE7RWWC6L4.0-3.0-..	414.74	455.76	434.46	488.16	POA
6 x 4	5.625	142.9	5.750	146.1	TE7RWWC6L6.0-4.0-..	POA	POA	POA	POA	POA



BPE TABLE # DT-28

TE7IWWCS - INSTRUMENT TEE

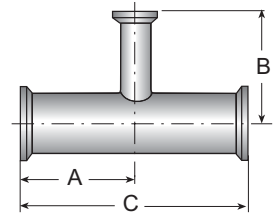
Nominal Size in.	Dimensions				Ordering Code	Price US\$				
	A in.	A mm	B in.	B mm		PC	PL	PD	PM	PR
1/2 x 1 1/2	2.500	63.5	0.875	22.2	TE7IWWCS6L.5-1.5-..	-	587.52	-	663.12	POA
3/4 x 1 1/2	2.500	63.5	1.000	25.4	TE7IWWCS6L.75-1.5-..	-	595.08	-	670.68	POA
1 x 1 1/2	2.500	63.5	1.125	28.6	TE7IWWCS6L1.0-1.5-..	-	613.44	-	692.28	POA
1 1/2 x 2	2.750	69.9	1.000	25.4	TE7IWWCS6L.5-2.0-..	-	587.52	-	663.12	POA
3/4 x 2	2.750	69.9	1.125	28.6	TE7IWWCS6L.75-2.0-..	-	594.00	-	669.60	POA
1 x 2	2.750	69.9	1.250	31.8	TE7IWWCS6L1.0-2.0-..	-	612.36	-	691.20	POA
1 1/2 x 2	2.750	69.9	1.500	38.1	TE7IWWCS6L1.5-2.0-..	-	612.36	-	692.28	POA



Tees

TEG7R - REDUCING TEE

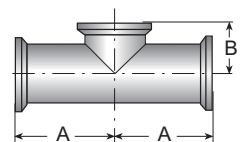
Nominal Size in.	Dimensions				Ref		Ordering Code	Price US\$				
	A in.	A mm	B in.	B mm	C in.	C mm		PC	PL	PD	PM	PR
3/4 x 1/2	2.500	63.5	2.500	63.5	5.00	127.0	TEG7R6L.75-.5..	154.30	169.56	163.40	183.60	POA
1 x 1/2	2.625	66.7	2.625	66.7	5.25	133.4	TEG7R6L1.0-.5..	162.16	178.20	170.13	191.16	POA
1 x 3/4	2.625	66.7	2.625	66.7	5.25	133.4	TEG7R6L1.0-.75..	162.16	178.20	170.13	191.16	POA
1 1/2 x 1/2	2.875	73.0	2.875	73.0	5.75	146.0	TEG7R6L1.5-.5..	162.16	178.20	172.05	193.32	POA
1 1/2 x 3/4	2.875	73.0	2.875	73.0	5.75	146.0	TEG7R6L1.5-.75..	162.16	178.20	172.05	193.32	POA
1 1/2 x 1	2.875	73.0	2.875	73.0	5.75	146.0	TEG7R6L1.5-1.0..	162.16	178.20	172.05	193.32	POA
2 x 1/2	3.375	85.7	3.125	79.4	6.75	171.4	TEG7R6L2.0-.5..	373.46	410.40	385.44	433.08	POA
2 x 3/4	3.375	85.7	3.125	79.4	6.75	171.4	TEG7R6L2.0-.75..	373.46	410.40	385.44	433.08	POA
2 x 1	3.375	85.7	3.125	79.4	6.75	171.4	TEG7R6L2.0-1.0..	179.85	197.64	195.12	219.24	POA
2 x 1 1/2	3.375	85.7	3.125	79.4	6.75	171.4	TEG7R6L2.0-1.5..	179.85	197.64	195.12	219.24	POA
2 1/2 x 1/2	3.625	92.1	3.375	85.7	7.25	184.2	TEG7R6L2.5-.5..	462.90	508.68	480.60	540.00	POA
2 1/2 x 3/4	3.625	92.1	3.375	85.7	7.25	184.2	TEG7R6L2.5-.75..	462.90	508.68	480.60	540.00	POA
2 1/2 x 1	3.625	92.1	3.375	85.7	7.25	184.2	TEG7R6L2.5-1.0..	239.80	263.52	257.60	289.44	POA
2 1/2 x 1 1/2	3.625	92.1	3.375	85.7	7.25	184.2	TEG7R6L2.5-1.5..	239.80	263.52	257.60	289.44	POA
2 1/2 x 2	3.625	92.1	3.375	85.7	7.25	184.2	TEG7R6L2.5-2.0..	239.80	263.52	257.60	289.44	POA
3 x 1/2	3.875	98.4	3.625	92.1	7.75	196.8	TEG7R6L3.0-.5..	643.73	707.40	661.31	743.04	POA
3 x 3/4	3.875	98.4	3.625	92.1	7.75	196.8	TEG7R6L3.0-.75..	643.73	707.40	661.31	743.04	POA
3 x 1	3.875	98.4	3.625	92.1	7.75	196.8	TEG7R6L3.0-1.0..	549.39	603.72	568.07	638.28	POA
3 x 1 1/2	3.875	98.4	3.625	92.1	7.75	196.8	TEG7R6L3.0-1.5..	513.02	563.76	532.50	598.32	POA
3 x 2	3.875	98.4	3.875	98.4	7.75	196.8	TEG7R6L3.0-2.0..	513.02	563.76	532.50	598.32	POA
3 x 2 1/2	3.875	98.4	3.875	98.4	7.75	196.8	TEG7R6L3.0-2.5..	513.02	563.76	532.50	598.32	POA
4 x 1/2	4.750	120.7	4.125	104.8	9.50	241.4	TEG7R6L4.0-.5..	813.76	894.24	834.32	937.44	POA
4 x 3/4	4.750	120.7	4.125	104.8	9.50	241.4	TEG7R6L4.0-.75..	813.76	894.24	834.32	937.44	POA
4 x 1	4.750	120.7	4.125	104.8	9.50	241.4	TEG7R6L4.0-1.0..	797.05	875.88	817.98	919.08	POA
4 x 1 1/2	4.750	120.7	4.125	104.8	9.50	241.4	TEG7R6L4.0-1.5..	797.05	875.88	817.98	919.08	POA
4 x 2	4.750	120.7	4.375	111.1	9.50	241.4	TEG7R6L4.0-2.0..	797.05	875.88	817.98	919.08	POA
4 x 2 1/2	4.750	120.7	4.375	111.1	9.50	241.4	TEG7R6L4.0-2.5..	734.15	806.76	753.58	846.72	POA
4 x 3	4.750	120.7	4.375	111.1	9.50	241.4	TEG7R6L4.0-3.0..	734.15	806.76	753.58	846.72	POA
6 x 4	7.125	181.0	5.750	146.1	14.25	362.0	TEG7R6L6.0-4.0..	-	POA	-	POA	POA



BPE TABLE # DT-19

TEG7S - SHORT OUTLET TEE

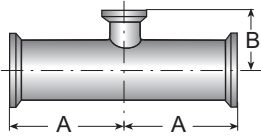
Nominal Size in.	Dimensions				Ordering Code	Price US\$				
	A in.	A mm	B in.	B mm		PC	PL	PD	PM	PR
1/2	2.250	57.2	1.000	25.4	TEG7S6L.5-..	106.14	116.64	114.38	128.52	POA
3/4	2.375	60.3	1.125	28.6	TEG7S6L.75-..	106.14	116.64	114.38	128.52	POA
1	2.625	66.7	1.125	28.6	TEG7S6L1.0-..	95.14	104.54	103.81	116.64	POA
1 1/2	2.875	73.0	1.375	34.9	TEG7S6L1.5-..	95.14	104.54	106.69	119.88	POA
2	3.375	85.7	1.625	41.3	TEG7S6L2.0-..	108.11	118.80	122.07	137.16	POA
2 1/2	3.625	92.1	1.875	47.6	TEG7S6L2.5-..	142.51	156.60	161.48	181.44	POA
3	3.875	98.4	2.125	54.0	TEG7S6L3.0-..	305.65	335.88	322.00	361.80	POA
4	4.750	120.7	2.750	69.9	TEG7S6L4.0-..	586.73	644.76	608.44	683.64	POA
6	7.125	181.0	4.625	117.5	TEG7S6L6.0-..	2,585.75	2,841.48	2,725.00	3,061.80	POA



BPE TABLE # DT-27



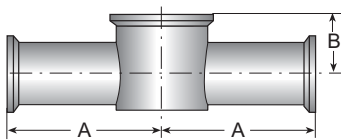
Tees



BPE TABLE # DT-20

TEG7RS - SHORT OUTLET REDUCING TEE

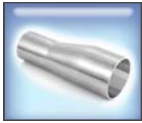
Nominal Size in.	Dimensions		Ordering Code		Price US\$					
	A in.	A mm	B in.	B mm	PC	PL	PD	PM	PR	
¾ × ½	2.500	63.5	1.000	25.4	TEG7RS6L.75-5-..	154.30	169.56	163.40	183.60	POA
1 × ½	2.625	66.7	1.125	28.6	TEG7RS6L1.0-5-..	162.16	178.20	170.13	191.16	POA
1 × ¾	2.625	66.7	1.125	28.6	TEG7RS6L1.0-75-..	162.16	178.20	170.13	191.16	POA
1½ × ½	2.875	73	1.375	34.9	TEG7RS6L1.5-5-..	162.16	178.20	170.13	191.16	POA
1½ × ¾	2.875	73	1.375	34.9	TEG7RS6L1.5-75-..	162.16	178.20	170.13	191.16	POA
1⅝ × 1	2.875	73	1.375	34.9	TEG7RS6L1.5-1.0-..	162.16	178.20	170.13	191.16	POA
2 × ½	3.375	85.7	1.625	41.3	TEG7RS6L2.0-5-..	373.46	410.40	385.44	433.08	POA
2 × ¾	3.375	85.7	1.625	41.3	TEG7RS6L2.0-75-..	373.46	410.40	385.44	433.08	POA
2 × 1	3.375	85.7	1.625	41.3	TEG7RS6L2.0-1.0-..	179.85	197.64	195.12	219.24	POA
2 × 1½	3.375	85.7	1.625	41.3	TEG7RS6L2.0-1.5-..	179.85	197.64	195.12	219.24	POA
2½ × ½	3.625	92.1	1.875	47.6	TEG7RS6L2.5-5-..	462.90	508.68	480.60	540.00	POA
2½ × ¾	3.625	92.1	1.875	47.6	TEG7RS6L2.5-75-..	462.90	508.68	480.60	540.00	POA
2½ × 1	3.625	92.1	1.875	47.6	TEG7RS6L2.5-1.0-..	239.80	263.52	257.60	289.44	POA
2½ × 1½	3.625	92.1	1.875	47.6	TEG7RS6L2.5-1.5-..	239.80	263.52	257.60	289.44	POA
2½ × 2	3.625	92.1	1.875	47.6	TEG7RS6L2.5-2.0-..	239.80	263.52	257.60	289.44	POA
3 × ½	3.875	98.4	2.125	54	TEG7RS6L3.0-5-..	643.73	707.40	661.31	743.04	POA
3 × ¾	3.875	98.4	2.125	54	TEG7RS6L3.0-75-..	643.73	707.40	661.31	743.04	POA
3 × 1	3.875	98.4	2.125	54	TEG7RS6L3.0-1.0-..	549.39	603.72	568.07	638.28	POA
3 × 1½	3.875	98.4	2.125	54	TEG7RS6L3.0-1.5-..	513.02	563.76	532.50	598.32	POA
3 × 2	3.875	98.4	2.125	54	TEG7RS6L3.0-2.0-..	513.02	563.76	532.50	598.32	POA
3 × 2½	3.875	98.4	2.125	54	TEG7RS6L3.0-2.5-..	513.02	563.76	532.50	598.32	POA
4 × ½	4.75	120.7	2.625	66.7	TEG7RS6L4.0-5-..	813.76	894.24	834.32	937.44	POA
4 × ¾	4.75	120.7	2.625	66.7	TEG7RS6L4.0-75-..	813.76	894.24	834.32	937.44	POA
4 × 1	4.75	120.7	2.625	66.7	TEG7RS6L4.0-1.0-..	797.05	875.88	817.98	919.08	POA
4 × 1½	4.75	120.7	2.625	66.7	TEG7RS6L4.0-1.5-..	797.05	875.88	817.98	919.08	POA
4 × 2	4.75	120.7	2.625	66.7	TEG7RS6L4.0-2.0-..	797.05	875.88	817.98	919.08	POA
4 × 2½	4.75	120.7	2.625	66.7	TEG7RS6L4.0-2.5-..	734.15	806.76	753.58	846.72	POA
4 × 3	4.75	120.7	2.625	66.7	TEG7RS6L4.0-3.0-..	734.15	806.76	753.58	846.72	POA
6 × 4	7.13	181.0	3.750	95.3	TEG7RS6L6.0-4.0-..	2,195.58	2,412.72	2,254.01	2,532.60	POA



BPE TABLE # DT-29

TEG7IS - INSTRUMENT TEE

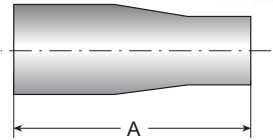
Nominal Size in.	Dimensions		Ordering Code		Price US\$					
	A in.	A mm	B in.	B mm	PC	PL	PD	PM	PR	
½ × 1½	3.000	76.2	0.875	22.2	TEG7IS6L.5-1.5-..	-	673.92	-	761.40	POA
¾ × 1½	3.000	76.2	1.000	25.4	TEG7IS6L.75-1.5-..	-	681.48	-	767.88	POA
1 × 1½	3.000	76.2	1.125	28.6	TEG7IS6L1.0-1.5-..	-	703.08	-	790.56	POA
½ × 2	3.250	82.6	1.000	25.4	TEG7IS6L.5-2.0-..	-	673.92	-	761.40	POA
¾ × 2	3.250	82.6	1.125	28.6	TEG7IS6L.75-2.0-..	-	681.48	-	767.88	POA
1 × 2	3.250	82.6	1.250	31.8	TEG7IS6L1.0-2.0-..	-	703.08	-	790.56	POA
1½ × 2	3.250	82.6	1.500	38.1	TEG7IS6L1.5-2.0-..	-	703.08	-	790.56	POA



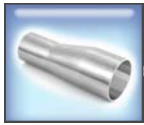
Reducers

TE31WW - CONCENTRIC REDUCER

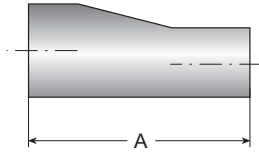
Nominal Size in.	Dimensions		Ordering Code	Price US\$				
	A in.	A mm		PC	PL	PD	PM	PR
3/4 x 1/2	4.000	101.6	TE31WW6L.75-.5-..	77.11	84.78	89.21	98.06	POA
1 x 1/2	4.500	114.3	TE31WW6L1.0-.5-..	99.14	104.65	110.16	117.72	POA
1 x 3/4	4.000	101.6	TE31WW6L1.0-.75-..	77.11	84.78	89.21	98.06	POA
1 1/2 x 1/2	5.500	139.7	TE31WW6L1.5-.5-..	197.64	218.16	213.84	234.36	POA
1 1/2 x 3/4	5.000	127.0	TE31WW6L1.5-.75-..	197.64	218.16	213.84	234.36	POA
1 1/2 x 1	5.000	127.0	TE31WW6L1.5-1.0-..	96.98	111.24	110.16	124.20	POA
2 x 1/2	7.750	196.9	TE31WW6L2.0-.5-..	POA	POA	POA	POA	POA
2 x 3/4	7.250	184.2	TE31WW6L2.0-.75-..	POA	POA	POA	POA	POA
2 x 1	7.250	184.2	TE31WW6L2.0-1.0-..	110.16	123.12	124.20	140.94	POA
2 x 1 1/2	5.250	133.4	TE31WW6L2.0-1.5-..	96.66	111.24	111.24	127.44	POA
2 1/2 x 1/2	9.750	247.7	TE31WW6L2.5-.5-..	POA	POA	POA	POA	POA
2 1/2 x 3/4	9.250	235.0	TE31WW6L2.5-.75-..	POA	POA	POA	POA	POA
2 1/2 x 1	9.250	235.0	TE31WW6L2.5-1.0-..	POA	POA	POA	POA	POA
2 1/2 x 1 1/2	7.250	184.2	TE31WW6L2.5-1.5-..	119.88	140.40	142.56	160.92	POA
2 1/2 x 2	5.500	139.7	TE31WW6L2.5-2.0-..	108.00	125.28	128.52	147.96	POA
3 x 1	11.250	285.8	TE31WW6L3.0-1.0-..	POA	POA	POA	POA	POA
3 x 1 1/2	9.250	235.0	TE31WW6L3.0-1.5-..	201.96	221.40	225.72	246.24	POA
3 x 2	7.500	190.5	TE31WW6L3.0-2.0-..	149.04	177.12	173.88	200.88	POA
3 x 2 1/2	5.500	139.7	TE31WW6L3.0-2.5-..	135.00	164.16	156.60	185.76	POA
4 x 1	15.500	393.7	TE31WW6L4.0-1.0-..	POA	POA	POA	POA	POA
4 x 1 1/2	13.500	342.9	TE31WW6L4.0-1.5-..	POA	POA	POA	POA	POA
4 x 2	11.750	298.5	TE31WW6L4.0-2.0-..	277.56	326.16	306.72	355.32	POA
4 x 2 1/2	9.750	247.7	TE31WW6L4.0-2.5-..	261.36	298.08	289.44	326.16	POA
4 x 3	7.750	196.9	TE31WW6L4.0-3.0-..	238.68	276.48	267.84	305.64	POA
6 x 4	10.000	254.0	TE31WW6L6.0-4.0-..	POA	1,435.32	POA	1,585.44	POA



BPE TABLE # DT-11



Reducers



BPE TABLE # DT-11

TE32WW - ECCENTRIC REDUCER

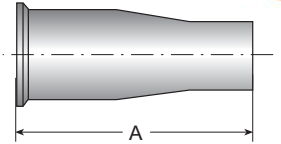
Nominal Size in.	Dimensions		Ordering Code	Price US\$				
	A in.	A mm		PC	PL	PD	PM	PR
3/4 x 1/2	4.000	101.6	TE32WW6L.75-.5-..	124.20	135.00	140.40	147.96	POA
1 x 1/2	4.500	114.3	TE32WW6L1.0-.5-..	135.00	137.16	147.96	150.12	POA
1 x 3/4	4.000	101.6	TE32WW6L1.0-.75-..	124.20	137.16	140.40	147.96	POA
1 1/2 x 1/2	5.500	139.7	TE32WW6L1.5-.5-..	254.88	278.64	270.00	295.92	POA
1 1/2 x 3/4	5.000	127.0	TE32WW6L1.5-.75-..	254.88	278.64	270.00	295.92	POA
1 1/2 x 1	5.000	127.0	TE32WW6L1.5-1.0-..	118.80	138.24	132.84	154.44	POA
2 x 1/2	7.750	196.9	TE32WW6L2.0-.5-..	POA	POA	POA	POA	POA
2 x 3/4	7.250	184.2	TE32WW6L2.0-.75-..	POA	POA	POA	POA	POA
2 x 1	7.250	184.2	TE32WW6L2.0-1.0-..	153.36	177.12	170.64	194.40	POA
2 x 1 1/2	5.250	133.4	TE32WW6L2.0-1.5-..	118.80	138.24	135.00	155.52	POA
2 1/2 x 1/2	9.750	247.7	TE32WW6L2.5-.5-..	POA	POA	POA	POA	POA
2 1/2 x 3/4	9.250	235.0	TE32WW6L2.5-.75-..	POA	POA	POA	POA	POA
2 1/2 x 1	9.250	235.0	TE32WW6L2.5-1.0-..	POA	POA	POA	POA	POA
2 1/2 x 1 1/2	7.250	184.2	TE32WW6L2.5-1.5-..	146.88	174.96	170.64	196.56	POA
2 1/2 x 2	5.500	139.7	TE32WW6L2.5-2.0-..	141.48	150.12	160.92	173.88	POA
3 x 1	11.250	285.8	TE32WW6L3.0-1.0-..	POA	POA	POA	POA	POA
3 x 1 1/2	9.250	235.0	TE32WW6L3.0-1.5-..	263.52	290.52	290.52	317.52	POA
3 x 2	7.500	190.5	TE32WW6L3.0-2.0-..	206.28	237.60	228.96	261.36	POA
3 x 2 1/2	5.500	139.7	TE32WW6L3.0-2.5-..	177.12	199.80	198.72	223.56	POA
4 x 1	15.500	393.7	TE32WW6L4.0-1.0-..	POA	POA	POA	POA	POA
4 x 1 1/2	13.500	342.9	TE32WW6L4.0-1.5-..	POA	POA	POA	POA	POA
4 x 2	11.750	298.5	TE32WW6L4.0-2.0-..	410.40	491.40	442.80	525.96	POA
4 x 2 1/2	9.750	247.7	TE32WW6L4.0-2.5-..	304.56	392.04	335.88	423.36	POA
4 x 3	7.750	196.9	TE32WW6L4.0-3.0-..	290.52	343.44	318.60	372.60	POA
6 x 4	10.000	254.0	TE32WW6L6.0-4.0-..	1,956.75	2,150.28	POA	2,301.48	POA



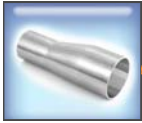
Reducers

TE31CW - CONCENTRIC REDUCER

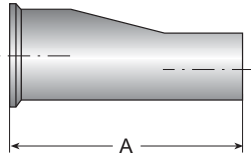
Nominal Size in.	Dimensions		Ordering Code	Price US\$				
	A in.	A mm		PC	PL	PD	PM	PR
3/4 x 1/2	3.000	76.2	TE31CW6L.75-.5-..	106.14	116.64	114.38	128.52	POA
1 x 1/2	3.500	88.9	TE31CW6L1.0-.5-..	108.11	118.80	116.31	130.68	POA
1 x 3/4	3.000	76.2	TE31CW6L1.0-.75-..	106.14	116.64	114.38	128.52	POA
1 1/2 x 1/2	4.500	114.3	TE31CW6L1.5-.5-..	212.28	233.28	222.04	249.48	POA
1 1/2 x 3/4	4.000	101.6	TE31CW6L1.5-.75-..	212.28	233.28	222.04	249.48	POA
1 1/2 x 1	4.000	101.6	TE31CW6L1.5-1.0-..	113.02	124.20	124.96	140.40	POA
2 x 1/2	6.500	165.1	TE31CW6L2.0-.5-..	-	POA	-	POA	POA
2 x 3/4	6.000	152.4	TE31CW6L2.0-.75-..	-	POA	-	POA	POA
2 x 1	6.000	152.4	TE31CW6L2.0-1.0-..	131.70	144.72	140.34	157.68	POA
2 x 1 1/2	4.000	101.6	TE31CW6L2.0-1.5-..	115.97	127.44	130.72	146.88	POA
2 1/2 x 1/2	8.500	215.9	TE31CW6L2.5-.5-..	POA	POA	-	POA	POA
2 1/2 x 3/4	8.000	203.2	TE31CW6L2.5-.75-..	POA	POA	-	POA	POA
2 1/2 x 1	8.000	203.2	TE31CW6L2.5-1.0-..	POA	POA	-	POA	POA
2 1/2 x 1 1/2	6.000	152.4	TE31CW6L2.5-1.5-..	155.28	170.64	173.02	194.40	POA
2 1/2 x 2	4.250	107.9	TE31CW6L2.5-2.0-..	142.51	156.60	160.52	180.36	POA
3 x 1	10.000	254.0	TE31CW6L3.0-1.0-..	-	POA	-	POA	POA
3 x 1 1/2	8.000	203.2	TE31CW6L3.0-1.5-..	251.60	276.48	268.17	301.32	POA
3 x 2	6.250	158.8	TE31CW6L3.0-2.0-..	209.34	230.04	226.84	254.88	POA
3 x 2 1/2	4.250	108.0	TE31CW6L3.0-2.5-..	198.53	218.16	213.39	239.76	POA
4 x 1	14.125	358.8	TE31CW6L4.0-1.0-..	-	POA	-	POA	POA
4 x 1 1/2	12.125	308.0	TE31CW6L4.0-1.5-..	-	POA	-	POA	POA
4 x 2	10.375	263.5	TE31CW6L4.0-2.0-..	409.83	450.36	430.62	483.84	POA
4 x 2 1/2	8.375	212.7	TE31CW6L4.0-2.5-..	385.26	423.36	403.70	453.60	POA
4 x 3	6.375	161.9	TE31CW6L4.0-3.0-..	366.58	402.84	385.13	432.00	POA
6 x 4	9.000	228.6	TE31CW6L6.0-4.0-..	POA	POA	POA	POA	POA



BPE TABLE # DT-26



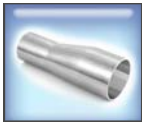
Reducers



BPE TABLE # DT-26

TE32CW - ECCENTRIC REDUCER

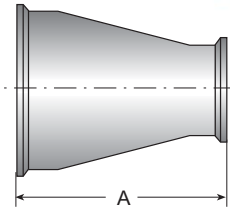
Nominal Size in.	Dimensions		Ordering Code	Price US\$					
	A in.	A mm		PC	PL	PD	PM	PR	
¾ × ½	3.000	76.2	TE32CW6L.75-.5-..	133.66	146.88	140.34	157.68	POA	
1 × ½	3.500	88.9	TE32CW6L1.0-.5-..	140.54	154.44	145.14	163.08	POA	
1 × ¾	3.000	76.2	TE32CW6L1.0-.75-..	133.66	146.88	143.22	160.92	POA	
1½ × ½	4.500	114.3	TE32CW6L1.5-.5-..	264.37	290.52	272.02	305.64	POA	
1½ × ¾	4.000	101.6	TE32CW6L1.5-.75-..	264.37	290.52	272.02	305.64	POA	
1½ × 1	4.000	101.6	TE32CW6L1.5-1.0-..	138.57	152.28	147.06	165.24	POA	
2 × ½	6.500	165.1	TE32CW6L2.0-.5-..	POA	POA	-	POA	POA	
2 × ¾	6.000	152.4	TE32CW6L2.0-.75-..	POA	POA	-	POA	POA	
2 × 1	6.000	152.4	TE32CW6L2.0-1.0-..	175.92	193.32	188.40	211.68	POA	
2 × 1½	4.000	101.6	TE32CW6L2.0-1.5-..	141.52	155.52	154.75	173.88	POA	
2½ × ½	8.500	215.9	TE32VW2.5-.5-..	POA	POA	-	POA	POA	
2½ × ¾	8.000	203.2	TE32CW6L2.5-.75-..	POA	POA	-	POA	POA	
2½ × 1	8.000	203.2	TE32CW6L2.5-1.0-..	POA	POA	-	POA	POA	
2½ × 1½	6.000	152.4	TE32CW6L2.5-1.5-..	183.78	201.96	202.81	227.88	POA	
2½ × 2	4.250	108.0	TE32CW6L2.5-2.0-..	163.14	179.28	179.74	201.96	POA	
3 × 1	10.000	254.0	TE32CW6L3.0-1.0-..	POA	POA	-	POA	POA	
3 × 1½	8.000	203.2	TE32CW6L3.0-1.5-..	311.55	342.36	327.77	368.28	POA	
3 × 2	6.250	158.8	TE32CW6L3.0-2.0-..	262.41	288.36	279.71	314.28	POA	
3 × 2½	4.250	108.0	TE32CW6L3.0-2.5-..	228.99	251.64	246.07	276.48	POA	
4 × 1	14.125	358.8	TE32CW6L4.0-1.0-..	POA	POA	-	POA	POA	
4 × 1½	12.125	308.0	TE32CW6L4.0-1.5-..	POA	POA	-	POA	POA	
4 × 2	10.375	263.5	TE32CW6L4.0-2.0-..	559.21	614.52	576.72	648.00	POA	
4 × 2½	8.375	212.7	TE32CW6L4.0-2.5-..	465.85	511.92	485.41	545.40	POA	
4 × 3	6.375	161.9	TE32CW6L4.0-3.0-..	422.60	464.40	440.23	494.64	POA	
6 × 4	9.000	228.6	TE32CW6L6.0-4.0-..	POA	POA	POA	POA	POA	



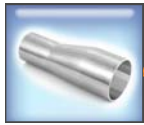
Reducers

TEG31CC - CONCENTRIC REDUCER

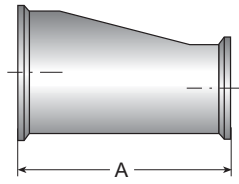
Nominal Size in.	Dimensions		Ordering Code	Price US\$				
	A in.	A mm		PC	PL	PD	PM	PR
3/4 x 1/2	2.000	50.8	TEG31CC6L.75-.5-..	152.33	167.40	161.48	181.44	POA
1 x 1/2	2.500	63.5	TEG31CC6L1.0-.5-..	182.80	200.88	193.20	217.08	POA
1 x 3/4	2.000	50.8	TEG31CC6L1.0-.75-..	152.33	167.40	161.48	181.44	POA
1 1/2 x 1/2	3.500	88.9	TEG31CC6L1.5-.5-..	256.51	281.88	268.17	301.32	POA
1 1/2 x 3/4	3.000	76.2	TEG31CC6L1.5-.75-..	256.51	281.88	268.17	301.32	POA
1 1/2 x 1	3.000	76.2	TEG31CC6L1.5-1.0-..	182.80	200.88	195.12	219.24	POA
2 x 1/2	5.500	139.7	TEG31CC6L2.0-.5-..	-	POA	-	POA	POA
2 x 3/4	5.000	127.0	TEG31CC6L2.0-.75-..	371.50	408.24	382.56	429.84	POA
2 x 1	5.000	127.0	TEG31CC6L2.0-1.0-..	225.06	247.32	234.53	263.52	POA
2 x 1 1/2	3.000	76.2	TEG31CC6L2.0-1.5-..	158.23	173.88	167.25	187.92	POA
2 1/2 x 1 1/2	7.500	190.5	TEG31CC6L2.5-.5-..	-	POA	-	POA	POA
2 1/2 x 3/4	7.000	177.8	TEG31CC6L2.5-.75-..	-	POA	-	POA	POA
2 1/2 x 1	7.000	177.8	TEG31CC6L2.5-1.0-..	-	POA	-	POA	POA
2 1/2 x 1 1/2	5.000	127.0	TEG31CC6L2.5-1.5-..	245.70	270.00	275.86	309.96	POA
2 1/2 x 2	3.000	76.2	TEG31CC6L2.5-2.0-..	195.58	214.92	210.50	236.52	POA
3 x 1	9.000	228.6	TEG31CC6L3.0-1.0-..	0.00	POA	0.00	POA	POA
3 x 1 1/2	7.000	177.8	TEG31CC6L3.0-1.5-..	292.87	321.84	309.51	347.76	POA
3 x 2	5.000	127.0	TEG31CC6L3.0-2.0-..	255.53	280.80	272.02	305.64	POA
3 x 2 1/2	3.000	76.2	TEG31CC6L3.0-2.5-..	240.79	264.60	258.56	290.52	POA
4 x 1	13.125	333.4	TEG31CC6L4.0-1.0-..	-	POA	-	POA	POA
4 x 1 1/2	11.125	282.6	TEG31CC6L4.0-1.5-..	-	POA	-	POA	POA
4 x 2	9.125	231.8	TEG31CC6L4.0-2.0-..	415.40	456.84	435.42	489.24	POA
4 x 2 1/2	7.125	181.0	TEG31CC6L4.0-2.5-..	417.69	459.00	437.35	491.40	POA
4 x 3	5.125	130.2	TEG31CC6L4.0-3.0-..	437.35	480.60	454.65	510.84	POA
6 x 4	7.625	193.7	TEG31CC6L6.0-4.0-..	1,596.07	1,753.92	1,993.53	2,239.92	POA



BPE TABLE # DT-21



Reducers



BPE TABLE # DT-21

TEG32CC - ECCENTRIC REDUCER

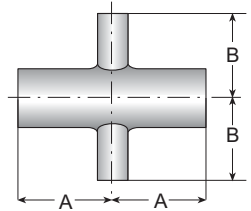
Nominal Size in.	Dimensions		Ordering Code	Price US\$				
	A in.	A mm		PC	PL	PD	PM	PR
3/4 x 1/2	2.000	50.8	TEG32CC6L.75-.5-..	189.68	208.44	198.97	223.56	POA
1 x 1/2	2.500	63.5	TEG32CC6L1.0-.5-..	189.68	208.44	198.97	223.56	POA
1 x 3/4	2.000	50.8	TEG32CC6L1.0-.75-..	222.11	244.08	231.65	260.28	POA
1 1/2 x 1/2	3.500	88.9	TEG32CC6L1.5-.5-..	308.60	339.12	320.08	359.64	POA
1 1/2 x 3/4	3.000	76.2	TEG32CC6L1.5-.75-..	308.60	339.12	320.08	359.64	POA
1 1/2 x 1	3.000	76.2	TEG32CC6L1.5-1.0-..	224.08	246.24	239.34	268.92	POA
2 x 1/2	5.500	139.7	TEG32CC6L2.0-.5-..	-	POA	-	POA	POA
2 x 3/4	5.000	127.0	TEG32CC6L2.0-.75-..	-	POA	-	POA	POA
2 x 1	5.000	127.0	TEG32CC6L2.0-1.0-..	287.96	316.44	299.89	336.96	POA
2 x 1 1/2	3.000	76.2	TEG32CC6L2.0-1.5-..	196.56	216.00	208.58	234.36	POA
2 1/2 x 1/2	7.500	190.5	TEG32CC6L2.5-.5-..	-	POA	-	POA	POA
2 1/2 x 3/4	7.000	177.8	TEG32CC6L2.5-.75-..	-	POA	-	POA	POA
2 1/2 x 1	7.000	177.8	TEG32CC6L2.5-1.0-..	-	POA	-	POA	POA
2 1/2 x 1 1/2	5.000	127.0	TEG32CC6L2.5-1.5-..	312.53	343.44	345.07	387.72	POA
2 1/2 x 2	3.000	76.2	TEG32CC6L2.5-2.0-..	255.53	280.80	271.06	304.56	POA
3 x 1	9.000	228.6	TEG32CC6L3.0-1.0-..	0.00	POA	0.00	POA	POA
3 x 1 1/2	7.000	177.8	TEG32CC6L3.0-1.5-..	482.55	530.28	499.82	561.60	POA
3 x 2	5.000	127.0	TEG32CC6L3.0-2.0-..	283.05	311.04	301.82	339.12	POA
3 x 2 1/2	3.000	76.2	TEG32CC6L3.0-2.5-..	287.96	316.44	304.70	342.36	POA
4 x 1	13.125	333.4	TEG32CC6L4.0-1.0-..	-	POA	-	POA	POA
4 x 1 1/2	11.125	282.6	TEG32CC6L4.0-1.5-..	-	POA	-	POA	POA
4 x 2	9.125	231.8	TEG32CC6L4.0-2.0-..	485.50	533.52	504.63	567.00	POA
4 x 2 1/2	7.125	181	TEG32CC6L4.0-2.5-..	500.25	549.72	519.05	583.20	POA
4 x 3	5.125	130.2	TEG32CC6L4.0-3.0-..	510.07	560.52	528.66	594.00	POA
6 x 4	7.625	193.7	TEG32CC6L6.0-4.0-..	1,885.99	2,072.52	2,003.14	2,250.72	POA



Crosses

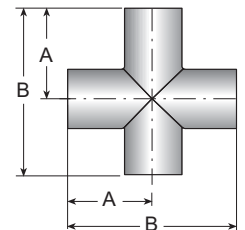
TE9RWWWW - REDUCING CROSS

Nominal		Dimensions			Ordering Code	Price US\$				
Size in.	A in.	A mm	B in.	B mm		PC	PL	PD	PM	PR
¼ × ½	2.000	50.8	2.000	50.8	TE9RWWWW6L.75-.5-..	264.37	290.52	272.98	306.72	POA
1 × ½	2.125	54.0	2.125	54.0	TE9RWWWW6L1.0-.5-..	277.15	304.56	287.40	322.92	POA
1 × ¾	2.125	54.0	2.125	54.0	TE9RWWWW6L1.0-.75-..	277.15	304.56	287.40	322.92	POA
1½ × ½	2.375	60.3	2.375	60.3	TE9RWWWW6L1.5-.5-..	277.15	304.56	290.28	326.16	POA
1½ × ¾	2.375	60.3	2.375	60.3	TE9RWWWW6L1.5-.75-..	277.15	304.56	290.28	326.16	POA
1½ × 1	2.375	60.3	2.375	60.3	TE9RWWWW6L1.5-1.0-..	530.71	583.20	541.16	608.04	POA
2 × ½	2.875	73.0	2.625	66.7	TE9RWWWW6L2.0-.5-..	561.18	616.68	572.88	643.68	POA
2 × ¾	2.875	73.0	2.625	66.7	TE9RWWWW6L2.0-.75-..	561.18	616.68	572.88	643.68	POA
2 × 1	2.875	73.0	2.625	66.7	TE9RWWWW6L2.0-1.0-..	485.50	533.52	498.86	560.52	POA
2 × 1½	2.875	73.0	2.625	66.7	TE9RWWWW6L2.0-1.5-..	485.50	533.52	498.86	560.52	POA
2½ × 1	3.125	79.4	2.875	73.0	TE9RWWWW6L2.5-1.0-..	591.65	650.16	609.40	684.72	POA
2½ × 1½	3.125	79.4	2.875	73.0	TE9RWWWW6L2.5-1.5-..	591.65	650.16	609.40	684.72	POA
2½ × 2	3.125	79.4	2.875	73.0	TE9RWWWW6L2.5-2.0-..	591.65	650.16	608.44	683.64	POA
3 × 1	3.375	85.7	3.125	79.4	TE9RWWWW6L3.0-1.0-..	625.06	686.88	644.00	723.60	POA
3 × 1½	3.375	85.7	3.125	79.4	TE9RWWWW6L3.0-1.5-..	625.06	686.88	644.00	723.60	POA
3 × 2	3.375	85.7	3.125	79.4	TE9RWWWW6L3.0-2.0-..	625.06	686.88	644.00	723.60	POA
3 × 2½	3.375	85.7	3.125	79.4	TE9RWWWW6L3.0-2.5-..	625.06	686.88	644.00	723.60	POA
4 × 1	4.125	104.8	3.625	92.1	TE9RWWWW6L4.0-1.0-..	1,119.41	1,230.12	1,140.94	1,281.96	POA
4 × 1½	4.125	104.8	3.625	92.1	TE9RWWWW6L4.0-1.5-..	1,119.41	1,230.12	1,140.94	1,281.96	POA
4 × 2	4.125	104.8	3.875	98.4	TE9RWWWW6L4.0-2.0-..	1,119.41	1,230.12	1,140.94	1,281.96	POA
4 × 2½	4.125	104.8	3.875	98.4	TE9RWWWW6L4.0-2.5-..	1,119.41	1,230.12	1,140.94	1,281.96	POA
4 × 3	4.125	104.8	3.875	98.4	TE9RWWWW6L4.0-3.0-..	1,119.41	1,230.12	1,140.94	1,281.96	POA
6 × 4	5.625	142.9	5.125	130.2	TE9RWWWW6L6.0-4.0-..	POA	POA	POA	POA	POA



TE9WWWW - CROSS

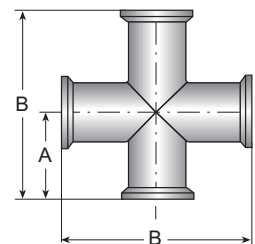
Nominal		Dimensions			Ordering Code	Price US\$				
Size in.	A in.	A mm	B in.	B mm		PC	PL	PD	PM	PR
½	1.875	47.6	3.750	95.2	TE9WWWW6L.5-..	183.60	203.04	198.72	219.24	POA
¾	2.000	50.8	4.000	101.6	TE9WWWW6L.75-..	183.60	203.04	198.72	219.24	POA
1	2.125	54.0	4.250	108.0	TE9WWWW6L1.0-..	164.16	179.28	180.36	193.32	POA
1½	2.375	60.3	4.750	120.6	TE9WWWW6L1.5-..	164.16	179.28	181.44	194.40	POA
2	2.875	73.0	5.750	146.0	TE9WWWW6L2.0-..	179.28	197.64	196.56	218.16	POA
2½	3.125	79.4	6.250	158.8	TE9WWWW6L2.5-..	183.60	197.64	207.36	222.48	POA
3	3.375	85.7	6.750	171.4	TE9WWWW6L3.0-..	299.16	328.32	327.24	356.40	POA
4	4.125	104.8	8.250	209.6	TE9WWWW6L4.0-..	382.32	417.96	412.56	451.44	POA
6	5.625	142.9	11.250	285.8	TE9WWWW6L6.0-..	POA	POA	POA	POA	POA



BPE TABLE # DT-9

TEG9 - CROSS

Nominal		Dimensions			Ordering Code	Price US\$				
Size in.	A in.	A mm	B in.	B mm		PC	PL	PD	PM	PR
½	2.250	57.2	4.50	114.4	TEG96L .5-..	201.47	221.40	209.54	235.44	POA
¾	2.375	60.3	4.75	120.6	TEG96L .75-..	201.47	221.40	209.54	235.44	POA
1	2.625	66.7	5.25	133.4	TEG96L 1.0-..	177.89	195.48	185.51	208.44	POA
1½	2.875	73.0	5.75	146.0	TEG96L 1.5-..	177.89	195.48	186.47	209.52	POA
2	3.375	85.7	6.75	171.4	TEG96L 2.0-..	213.27	234.36	226.84	254.88	POA
2½	3.625	92.1	7.25	184.2	TEG96L 2.5-..	273.22	300.24	292.20	328.32	POA
3	3.875	98.4	7.75	196.8	TEG96L 3.0-..	372.48	409.32	390.25	438.48	POA
4	4.750	120.7	9.50	241.4	TEG96L 4.0-..	723.34	794.88	744.93	837.00	POA
6	7.125	181.0	14.25	362.0	TEG96L 6.0-..	POA	POA	POA	POA	POA

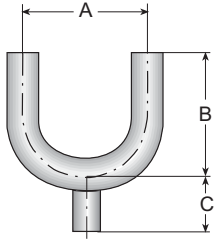


BPE TABLE # DT-18



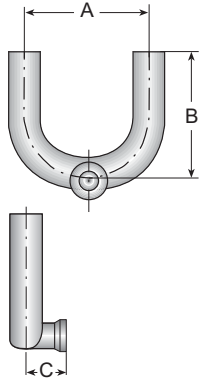
Use Points

TE2UBWWW - 180° BOTTOM OUTLET WELD USE POINT



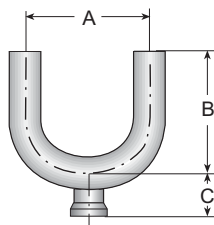
Nominal		Dimensions						Ordering Code		Price US\$				
Size in.	A in.	A mm	B in.	B mm	C in.	C mm			PC	PL	PD	PM	PR	
3/4	x 1/2	4.500	114.3	3.750	95.3	1.875	47.6	TE2UBWWW6L.75-.5-..	-	POA	-	POA	POA	
3/4	x 3/4	4.500	114.3	3.750	95.3	1.875	47.6	TE2UBWWW6L.75-.75-..	-	POA	-	POA	POA	
1	x 1/2	3.000	76.2	3.000	76.2	2.062	52.4	TE2UBWWW6L1.0-.5-..	-	651.24	-	757.08	POA	
1 1/2	x 1/2	4.500	114.3	4.500	114.3	2.312	58.7	TE2UBWWW6L1.5-.5-..	-	651.24	-	757.08	POA	
2	x 1/2	6.000	152.4	5.000	127.0	2.562	65.1	TE2UBWWW6L2.0-.5-..	-	741.96	-	847.80	POA	
2 1/2	x 1/2	7.500	190.5	5.750	146.1	2.812	71.4	TE2UBWWW6L2.5-.5-..	-	847.80	-	953.64	POA	
3	x 1/2	9.000	228.6	6.500	165.1	3.062	77.8	TE2UBWWW6L3.0-.5-..	-	1,001.16	-	1,107.00	POA	
4	x 1/2	12.000	304.8	8.500	215.9	3.562	90.5	TE2UBWWW6L4.0-.5-..	-	1,260.36	-	1,366.20	POA	

TE2USWWC - 180° SIDE OUTLET CLAMP USE POINT

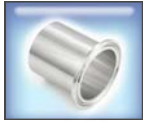


Nominal		Dimensions						Ordering Code		Price US\$				
Size in.	A in.	A mm	B in.	B mm	C in.	C mm			PC	PL	PD	PM	PR	
3/4	x 1/2	4.500	114.3	3.750	95.3	0.875	22.2	TE2USWWC6L.75-.5-..	-	POA	-	POA	POA	
3/4	x 3/4	4.500	114.3	3.750	95.3	0.875	22.2	TE2USWWC6L.75-.75-..	-	POA	-	POA	POA	
1	x 1/2	3.000	76.2	3.000	76.2	1.062	26.9	TE2USWWC6L1.0-.5-..	-	736.56	-	842.40	POA	
1 1/2	x 1/2	4.500	114.3	4.500	114.3	1.312	33.3	TE2USWWC6L1.5-.5-..	-	736.56	-	842.40	POA	
2	x 1/2	6.000	152.4	5.000	127.0	1.562	39.7	TE2USWWC6L2.0-.5-..	-	847.80	-	953.64	POA	
2 1/2	x 1/2	7.500	190.5	5.750	146.1	1.812	46.0	TE2USWWC6L2.5-.5-..	-	959.04	-	1,064.88	POA	
3	x 1/2	9.000	228.6	6.500	165.1	2.062	52.4	TE2USWWC6L3.0-.5-..	-	1,138.32	-	1,243.08	POA	
4	x 1/2	12.000	304.8	8.500	215.9	2.562	65.0	TE2USWWC6L4.0-.5-..	-	1,429.92	-	1,562.76	POA	

TE2UBWWC - 180° BOTTOM OUTLET CLAMP USE POINT



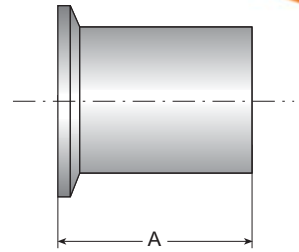
Nominal		Dimensions						Ordering Code		Price US\$				
Size in.	A in.	A mm	B in.	B mm	C in.	C mm			PC	PL	PD	PM	PR	
3/4	x 1/2	4.500	114.3	3.750	95.3	0.875	22.2	TE2UBWWC6L.75-.5-..	-	POA	-	POA	POA	
3/4	x 3/4	4.500	114.3	3.750	95.3	0.875	22.2	TE2UBWWC6L.75-.75-..	-	POA	-	POA	POA	
1	x 1/2	3.000	76.2	3.000	76.2	1.062	27.0	TE2UBWWC6L1.0-.5-..	-	672.84	-	778.68	POA	
1 1/2	x 1/2	4.500	114.3	4.500	114.3	1.312	33.3	TE2UBWWC6L1.5-.5-..	-	672.84	-	778.68	POA	
2	x 1/2	6.000	152.4	5.000	127.0	1.562	39.7	TE2UBWWC6L2.0-.5-..	-	767.88	-	873.72	POA	
2 1/2	x 1/2	7.500	190.5	5.750	146.1	1.812	46.0	TE2UBWWC6L2.5-.5-..	-	873.72	-	1,085.40	POA	
3	x 1/2	9.000	228.6	6.500	165.1	2.062	52.4	TE2UBWWC6L3.0-.5-..	-	1,032.48	-	1,138.32	POA	
4	x 1/2	12.000	304.8	8.500	215.9	2.562	65.1	TE2UBWWC6L4.0-.5-..	-	1,302.48	-	1,408.32	POA	



Ferrules & End Caps

TEG14AM7 - CLAMP FERRULE

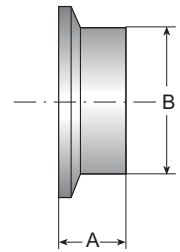
Nominal Size in.	Dimensions		Ordering Code	Price US\$				
	A in.	A mm		PC	PL	PD	PM	PR
½	1.750	44.5	TEG14AM7 6L.5-..	-	19.98	-	27.86	POA
¾	1.750	44.5	TEG14AM7 6L.75-..	-	19.98	-	27.86	POA
1	1.750	44.5	TEG14AM7 6L1.0-..	-	18.36	-	26.68	POA
1½	1.750	44.5	TEG14AM7 6L1.5-..	-	18.36	-	27.86	POA
2	2.250	57.2	TEG14AM7 6L2.0-..	-	21.17	-	31.10	POA
2½	2.250	57.2	TEG14AM7 6L2.5-..	-	30.02	-	44.49	POA
3	2.250	57.2	TEG14AM7 6L3.0-..	-	44.50	-	60.04	POA
4	2.250	57.2	TEG14AM7 6L4.0-..	-	102.38	-	118.80	POA
6	3.000	76.2	TEG14AM7 6L6.0-..	-	245.16	-	278.64	POA



BPE TABLE # DT-22

TEG2CS - SHORT WELDING FERRULE

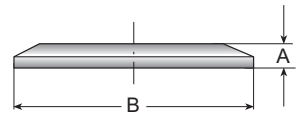
Nominal Size in.	Dimensions				Ordering Code	Price US\$				
	A in.	A mm	B in.	B mm		PC	PL	PD	PM	PR
1	.500	12.7	.870	22.1	TEG2CS6L1.0-..	-	26.68	-	41.15	POA
1½	.500	12.7	1.370	34.8	TEG2CS6L1.5-..	-	26.68	-	42.23	POA
2	.500	12.7	1.870	47.5	TEG2CS6L2.0-..	-	30.02	-	46.76	POA
2½	.500	12.7	2.370	60.2	TEG2CS6L2.5-..	-	43.42	-	67.82	POA
3	.500	12.7	2.870	72.9	TEG2CS6L3.0-..	-	65.66	-	90.07	POA
4	.625	15.9	3.834	97.4	TEG2CS6L4.0-..	-	149.04	-	181.44	POA
6	.750	22.2	5.78	146.58	TEG2CS6L6.0-..	-	POA	-	POA	POA



BPE TABLE # DT-22

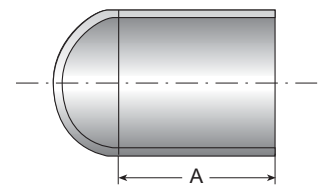
TEG16A - SOLID END CAP

Nominal Size in.	Dimensions				Ordering Code	Price US\$				
	A in.	A mm	B in.	B mm		PC	PL	PD	PM	PR
½ & ¾	0.19	4.8	1.00	25.4	TEG16A6L.5/.75-..	-	11.45	-	21.17	POA
1 & 1½	0.25	6.3	1.99	50.5	TEG16A6L1.0/1.5-..	-	10.37	-	19.98	POA
2	0.25	6.3	2.52	64.0	TEG16A6L2.0-..	-	13.82	-	25.60	POA
2½	0.25	6.3	3.05	77.5	TEG16A6L2.5-..	-	19.98	-	36.72	POA
3	0.25	6.3	3.58	90.9	TEG16A6L3.0-..	-	31.10	-	48.92	POA
4	0.31	7.9	4.69	119.0	TEG16A6L4.0-..	-	81.22	-	101.20	POA
6	0.44	11.1	6.56	166.5	TEG16A6L6.0-..	-	588.60	-	690.12	POA



TE16W - CAP

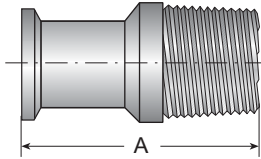
Nominal Size in.	Dimensions		Ordering Code	Price US\$				
	A in.	A mm		PC	PL	PD	PM	PR
½	1.500	38.1	TE16W6L.5-..	-	41.15	-	51.19	POA
¾	1.500	38.1	TE16W6L.75-..	-	59.62	-	70.09	POA
1	1.500	38.1	TE16W6L1.0-..	-	37.80	-	47.84	POA
1½	1.500	38.1	TE16W6L1.5-..	-	57.89	-	69.01	POA
2	1.500	38.1	TE16W6L2.0-..	-	63.40	-	75.60	POA
2½	1.500	38.1	TE16W6L2.5-..	-	88.99	-	106.81	POA
3	1.750	44.5	TE16W6L3.0-..	-	100.12	-	116.64	POA
4	2.000	50.8	TE16W6L4.0-..	-	138.24	-	156.60	POA
6	2.500	63.5	TE16W6L6.0-..	-	POA	-	POA	POA



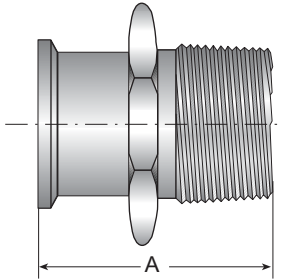
BPE TABLE # DT-30



Adapters & Stub Ends



FRACTIONAL SIZES

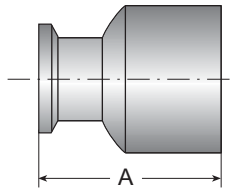


1" THROUGH 4"

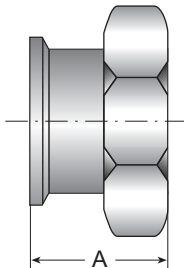
TEG21 - MALE ADAPTER

Nominal	Dimensions		Ordering Code	Price US\$				
Size in.	A in.	A mm		PC	PL	PD	PM	PR
1/2 x 1/8	2.00	50.8	TEG21 6L.5-1/8-..	-	91.26	-	101.20	POA
1/2 x 1/4	2.00	50.8	TEG21 6L.5-1/4-..	-	92.34	-	103.46	POA
1/2 x 3/8	2.00	50.8	TEG21 6L.5-3/8-..	-	92.34	-	103.46	POA
1/2 x 1/2	2.00	50.8	TEG21 6L.5-1/2-..	-	94.61	-	104.54	POA
1/2 x 3/4	2.00	50.8	TEG21 6L.5-3/4-..	-	97.85	-	106.81	POA
3/4 x 1/8	2.00	50.8	TEG21 6L.75-1/8-..	-	91.26	-	101.20	POA
3/4 x 1/4	2.00	50.8	TEG21 6L.75-1/4-..	-	92.34	-	103.46	POA
3/4 x 3/8	2.00	50.8	TEG21 6L.75-3/8-..	-	92.34	-	103.46	POA
3/4 x 1/2	2.00	50.8	TEG21 6L.75-1/2-..	-	92.34	-	103.46	POA
3/4 x 3/4	2.00	50.8	TEG21 6L.75-3/4-..	-	97.85	-	106.81	POA
1	2.25	57.1	TEG21 6L1.0-1.0-..	-	147.96	-	156.60	POA
1 1/2	2.44	61.9	TEG21 6L1.5-1.5-..	-	147.96	-	156.60	POA
2	2.66	67.5	TEG21 6L2.0-2.0-..	-	167.40	-	181.44	POA
2 1/2	3.28	83.3	TEG21 6L2.5-2.5-..	-	254.88	-	273.24	POA
3	3.50	88.9	TEG21 6L3.0-3.0-..	-	321.84	-	341.28	POA
4	3.81	96.7	TEG21 6L4.0-4.0-..	-	493.56	-	514.08	POA

TEG22 - FEMALE ADAPTER



FRACTIONAL SIZES



1" THROUGH 4"

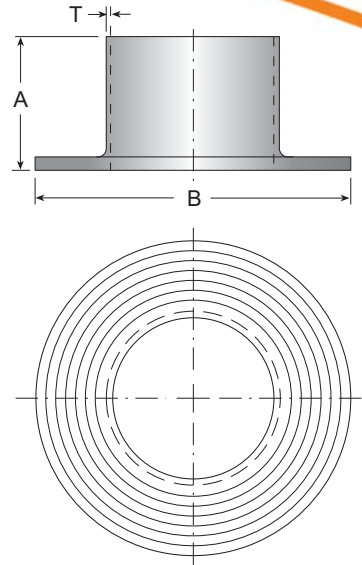
Nominal	Dimensions		Ordering Code	Price US\$				
Size in.	A in.	A mm		PC	PL	PD	PM	PR
1/2 x 1/8	1.25	31.7	TEG22 6L.5-1/8-..	-	147.96	-	156.60	POA
1/2 x 1/4	1.50	38.1	TEG22 6L.5-1/4-..	-	149.04	-	156.60	POA
1/2 x 3/8	1.50	38.1	TEG22 6L.5-3/8-..	-	149.04	-	156.60	POA
1/2 x 1/2	1.50	38.1	TEG22 6L.5-1/2-..	-	150.12	-	158.76	POA
1/2 x 3/4	1.62	41.1	TEG22 6L.5-3/4-..	-	147.96	-	156.60	POA
3/4 x 1/8	1.25	31.7	TEG22 6L.75-1/8-..	-	147.96	-	156.60	POA
3/4 x 1/4	1.50	38.1	TEG22 6L.75-1/4-..	-	149.04	-	156.60	POA
3/4 x 3/8	1.50	38.1	TEG22 6L.75-3/8-..	-	149.04	-	156.60	POA
3/4 x 1/2	1.50	38.1	TEG22 6L.75-1/2-..	-	150.12	-	158.76	POA
3/4 x 3/4	1.62	41.1	TEG22 6L.75-3/4-..	-	152.28	-	160.92	POA
1	1.62	41.1	TEG22 6L1.0-1.0-..	-	178.20	-	186.84	POA
1 1/2	2.25	57.1	TEG22 6L1.5-1.5-..	-	178.20	-	186.84	POA
2	2.34	59.4	TEG22 6L2.0-2.0-..	-	201.96	-	217.08	POA
2 1/2	2.09	53.08	TEG22 6L2.5-2.5-..	-	321.84	-	340.20	POA
3	2.19	55.6	TEG22 6L3.0-3.0-..	-	406.08	-	424.44	POA
4	2.66	67.5	TEG22 6L4.0-4.0-..	-	544.32	-	564.84	POA



Adapters & Stub Ends

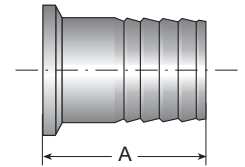
TE14WA - TYPE A STUB END WITH GROOVES

Nominal Size in.	Dimensions						Ordering Code	Price US\$				
	A in.	A mm	B in.	B mm	T in.	T mm		PC	PL	PD	PM	PR
½	2.000	50.8	1.625	41.3	.065	1.65	TE14WA6L5-..	-	219.24	-	254.88	POA
¾	2.000	50.8	1.687	42.9	.065	1.65	TE14WA6L75-..	-	219.24	-	254.88	POA
1	2.000	50.8	2.000	50.8	.065	1.65	TE14WA6L1.0-..	-	200.88	-	237.60	POA
1¼	2.000	50.8	2.500	63.5	.065	1.65	TE14WA6L1¼-..	-	POA	-	POA	POA
1½	2.000	50.8	2.875	73.0	.065	1.65	TE14WA6L1.5-..	-	203.04	-	243.00	POA
2	2.500	63.5	3.265	92.1	.065	1.65	TE14WA6L2.0-..	-	234.36	-	275.40	POA
2½	2.500	63.5	4.125	104.8	.065	1.65	TE14WA6L2.5-..	-	290.52	-	344.52	POA
3	2.500	63.5	5.000	127.0	.065	1.65	TE14WA6L3.0-..	-	292.68	-	346.68	POA
4	2.500	63.5	6.187	157.2	.083	2.11	TE14WA6L4.0-..	-	347.76	-	412.56	POA
6	3.000	76.2	8.500	215.9	.109	2.77	TE14WA6L6.0-..	-	POA	-	POA	POA



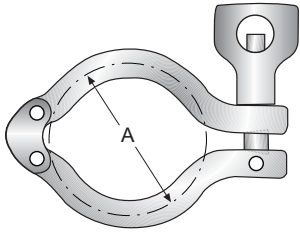
TEG14RT - HOSE ADAPTER

Nominal Size in.	Dimensions		Ordering Code	Price US\$				
	A in.	A mm		PC	PL	PD	PM	PR
½ × ¼	1.50	38.1	TEG14RT6L.5.25-..	-	126.36	-	145.80	POA
½ × ⅜	1.50	38.1	TEG14RT6L.5.38-..	-	126.36	-	145.80	POA
½ × ½	1.50	38.1	TEG14RT6L.5.5-..	-	65.66	-	74.52	POA
¾ × ¼	1.50	38.1	TEG14RT6L.75.25-..	-	130.68	-	151.20	POA
¾ × ⅜	1.50	38.1	TEG14RT6L.75.38-..	-	130.68	-	151.20	POA
¾ × ½	1.50	38.1	TEG14RT6L.75.5-..	-	82.30	-	91.80	POA
¾ × ¾	1.50	38.1	TEG14RT6L.75.75-..	-	66.74	-	76.79	POA
1 × 1	1.69	42.9	TEG14RT6L1.01.0-..	-	67.82	-	76.79	POA
1½ × 1½	1.69	42.9	TEG14RT6L1.51.5-..	-	97.85	-	106.81	POA
2 × 2	2.31	58.7	TEG14RT6L2.02.0-..	-	127.44	-	141.48	POA
2½ × 2½	2.34	59.5	TEG14RT6L2.52.5-..	-	167.40	-	182.52	POA
3 × 3	3.09	78.6	TEG14RT6L3.03.0-..	-	262.44	-	291.60	POA
4 × 4	3.41	86.5	TEG14RT6L4.04.0-..	-	387.72	-	POA	POA



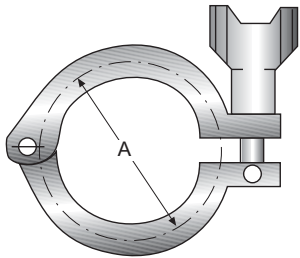


Clamps



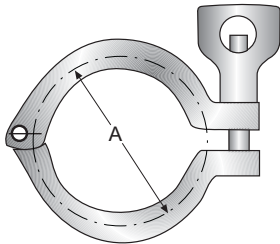
13MHHMD - DOUBLE HINGED HEAVY DUTY CLAMP

Nominal Size in.	Dimensions		Ordering Code	Price US\$
	A in.	A mm		
1 ½	2.122	53.9	13MHHMD1.5	POA
2	2.654	67.4	13MHHMD2.0	POA
2 ½	3.185	80.8	13MHHMD2.5	POA
3	3.717	94.4	13MHHMD3.0	POA
4	4.820	108.7	13MHHMD4.0	POA



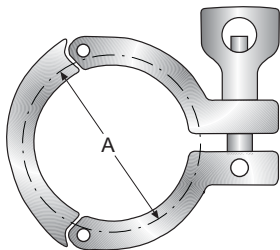
13MHHM - HEAVY DUTY CLAMP

Nominal Size in.	Dimensions		Ordering Code	Price US\$
	A in.	A mm		
½ & ¾	1.125	28.5	13MHHM.75	POA
1 & 1 ½	2.122	53.9	13MHHM1.5	POA
2	2.654	64.5	13MHHM2.0	POA
2 ½	3.185	80.8	13MHHM2.5	POA
3	3.717	94.4	13MHHM3.0	POA
4	4.820	122.42	13MHHM4.0	POA
6	6.695	170.05	13MHHM6.0	POA



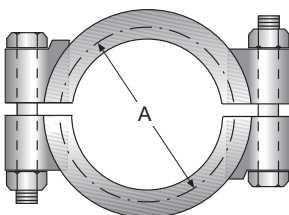
13MHHM-H - HEAVY DUTY CLAMP (Wing Nut With Hole)

Nominal Size in.	Dimensions		Ordering Code	Price US\$
	A in.	A mm		
½ & ¾	1.125	28.9	13MHHM.75-H	POA
1 & 1 ½	2.122	53.9	13MHHM1.5-H	POA
2	2.654	67.4	13MHHM2.0-H	POA
2 ½	3.185	80.8	13MHHM2.5-H	POA
3	3.717	94.4	13MHHM3.0-H	POA
4	4.820	122.4	13MHHM4.0-H	POA
6	6.695	170.05	13MHHM6.0-H	POA



13MHHS - THREE PIECE HEAVY DUTY CLAMP

Nominal Size in.	Dimensions		Ordering Code	Price US\$
	A in.	A mm		
1 ½	2.122	53.9	13MHHS1.5	POA
2	2.654	67.4	13MHHS2.0	POA
2 ½	3.185	80.8	13MHHS2.5	POA
3	3.717	94.4	13MHHS3.0	POA
4	4.820	108.7	13MHHS4.0	POA



13MHP - HIGH PRESSURE CLAMP

Nominal Size in.	Dimensions		Ordering Code	Price US\$
	A in.	A mm		
1 ½	2.046	51.97	13MHP1.5	POA
2	2.578	65.48	13MHP2.0	POA
2 ½	3.110	78.99	13MHP2.5	POA
3	3.640	92.46	13MHP3.0	POA
4	4.744	120.50	13MHP4.0	POA
6	6.632	168.45	13MHP6.0	POA



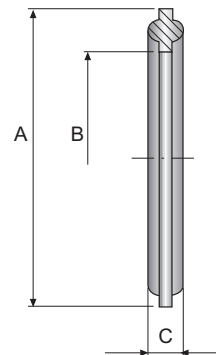
Gaskets & Pipe Hangers

TEG40 - GASKET

Nominal	Dimensions								Ordering Code	Price US\$
Size in.	A in.	A mm	B in.	B mm	C in.	C mm	W in.	W mm		
½	1.00	25.40	0.3701	9.40	-	-	0.22	5.50	TEG40.5*..	POA
¾	1.00	25.40	0.6181	15.70	-	-	0.22	5.50	TEG40.75*..	POA
1	1.99	50.50	0.8661	22.00	0.18	4.50	-	-	TEG401.0*..	POA
1½	1.99	50.50	1.3701	34.80	0.18	4.50	-	-	TEG401.5*..	POA
2	2.52	64.00	1.8701	47.50	0.18	4.50	-	-	TEG402.0*..	POA
2½	3.05	77.50	2.3701	60.20	0.18	4.50	-	-	TEG403.2.5*..	POA
3	3.58	91.00	2.874	73.00	0.18	4.50	-	-	TEG403.0*..	POA
4	4.69	119.00	3.8346	97.40	0.18	4.50	-	-	TEG404.0*..	POA

* Please specify the gasket material.

Note: Gaskets are type USP Class VI Pharmaceutical Grade.



GASKET MATERIALS:

PTFE®

VITON®

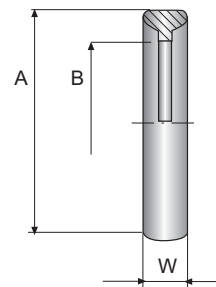
Envelope type - TEFLON with EPDM Filler

TEFLON with VITON Filler

SILICON.

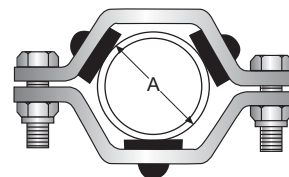
BUNA

EPDM and TEF-STEEL®



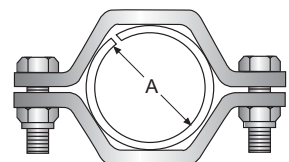
E24 - PIPE HANGER

Nominal	Dimensions		Ordering Code	Price US\$
Size in.	A in.	A mm		
½	.500	12.7	E24 .5	POA
¾	.750	19.05	E24 .75	POA
1	1.00	25.4	E24 1.0	POA
1½	1.50	38.1	E24 1.5	POA
2	2.00	50.8	E24 2.0	POA
2½	2.50	63.5	E24 2.5	POA
3	3.00	76.2	E24 3.0	POA
4	4.00	101.6	E24 4.0	POA



E24PVC - HANGER

Nominal	Dimensions		Ordering Code	Price US\$
Size in.	A in.	A mm		
½	.500	12.7	E24PVC.5	POA
¾	.750	19.05	E24PVC.75	POA
1	1.00	25.4	E24PVC1.0	POA
1½	1.50	38.1	E24PVC1.5	POA
2	2.00	50.8	E24PVC2.0	POA
2½	2.50	63.5	E24PVC2.5	POA
3	3.00	76.2	E24PVC3.0	POA
4	4.00	101.6	E24PVC4.0	POA





88° & 92° Elbows

TE2S - 88° ELBOW

Nominal Size in.	T inch (mm)	Dimensions				Ordering Code
		$\alpha=88^\circ$				
		A in.	A mm	B in.	B mm	
½	.065 (1.65)	3.00	76.2	3.00	76.2	TE2S88 6L.5-..
¾	.065 (1.65)	3.00	76.2	3.00	76.2	TE2S88 6L.75-..
1	.065 (1.65)	3.00	76.2	3.00	76.2	TE2S88 6L1.0-..
1½	.065 (1.65)	3.75	95.3	3.75	95.3	TE2S88 6L1.5-..
2	.065 (1.65)	4.75	120.7	4.75	120.7	TE2S88 6L2.0-..
2½	.065 (1.65)	5.50	139.7	5.50	139.7	TE2S88 6L2.5-..
3	.065 (1.65)	6.25	158.8	6.25	158.8	TE2S88 6L3.0-..
4	.083 (2.115)	8.00	203.2	8.00	203.2	TE2S88 6L4.0-..

TE2S - 92° ELBOW

Nominal Size in.	T inch (mm)	Dimensions				Ordering Code	Price US\$
		$\alpha=92^\circ$					
		A in.	A mm	B in.	B mm		
½	.065 (1.65)	3.00	76.2	3.00	76.2	TE2S92 6L.5-..	POA
¾	.065 (1.65)	3.00	76.2	3.00	76.2	TE2S92 6L.75-..	POA
1	.065 (1.65)	3.00	76.2	3.00	76.2	TE2S92 6L1.0-..	POA
1½	.065 (1.65)	3.75	95.3	3.75	95.3	TE2S92 6L1.5-..	POA
2	.065 (1.65)	4.75	120.7	4.75	120.7	TE2S92 6L2.0-..	POA
2½	.065 (1.65)	5.50	139.7	5.50	139.7	TE2S92 6L2.5-..	POA
3	.065 (1.65)	6.25	158.8	6.25	158.8	TE2S92 6L3.0-..	POA
4	.083 (2.115)	8.00	203.2	8.00	203.2	TE2S92 6L4.0-..	POA

TEG2C - 88° ELBOW

Nominal Size in.	T inch (mm)	Dimensions				Ordering Code
		$\alpha=88^\circ$				
		A in.	A mm	B in.	B mm	
½	.065 (1.65)	1.65	41.3	1.65	41.3	TEG2C88 6L.5-..
¾	.065 (1.65)	1.65	41.3	1.65	41.3	TEG2C88 6L.75-..
1	.065 (1.65)	2.00	50.8	2.00	50.8	TEG2C88 6L1.0-..
1½	.065 (1.65)	2.75	69.9	2.75	69.9	TEG2C88 6L1.5-..
2	.065 (1.65)	3.50	88.9	3.50	88.9	TEG2C88 6L2.0-..
2½	.065 (1.65)	4.25	108.0	4.25	108.0	TEG2C88 6L2.5-..
3	.065 (1.65)	5.00	127.0	5.00	127.0	TEG2C88 6L3.0-..
4	.083 (2.115)	6.62	168.3	6.62	168.3	TEG2C88 6L4.0-..

TEG2C - 92° ELBOW

Nominal Size in.	T inch (mm)	Dimensions				Ordering Code	Price US\$
		$\alpha=92^\circ$					
		A in.	A mm	B in.	B mm		
½	.065 (1.65)	1.65	41.3	1.65	41.3	TEG2C92 6L.5-..	POA
¾	.065 (1.65)	1.65	41.3	1.65	41.3	TEG2C92 6L.75-..	POA
1	.065 (1.65)	2.00	50.8	2.00	50.8	TEG2C92 6L 1.0-..	POA
1½	.065 (1.65)	2.75	69.9	2.75	69.9	TEG2C92 6L 1.5-..	POA
2	.065 (1.65)	3.50	88.9	3.50	88.9	TEG2C92 6L 2.0-..	POA
2½	.065 (1.65)	4.25	108.0	4.25	108.0	TEG2C92 6L 2.5-..	POA
3	.065 (1.65)	5.00	127.0	5.00	127.0	TEG2C92 6L 3.0-..	POA
4	.083 (2.115)	6.62	168.3	6.62	168.3	TEG2C92 6L 4.0-..	POA

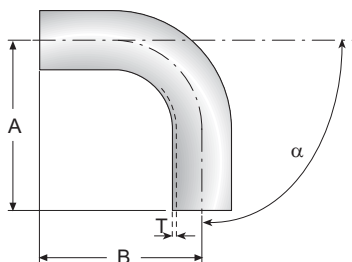
TE2C - 88° ELBOW

Nominal Size in.	T inch (mm)	Dimensions				Ordering Code
		$\alpha=88^\circ$				
		A in.	A mm	B in.	B mm	
½	.065 (1.65)	3.00	76.2	1.62	41.3	TE2C88 6L.5-..
¾	.065 (1.65)	3.00	76.2	1.62	41.3	TE2C88 6L.75-..
1	.065 (1.65)	3.00	76.2	2.00	50.8	TE2C88 6L1.0-..
1½	.065 (1.65)	3.75	95.3	2.75	69.9	TE2C88 6L1.5-..
2	.065 (1.65)	4.75	120.7	3.50	88.9	TE2C88 6L2.0-..
2½	.065 (1.65)	5.50	139.7	4.25	108.0	TE2C88 6L2.5-..
3	.065 (1.65)	6.25	158.8	5.00	127.0	TE2C88 6L3.0-..
4	.083 (2.115)	8.00	203.2	6.62	168.3	TE2C88 6L4.0-..

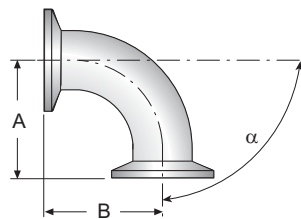
TE2C - 92° ELBOW

Nominal Size in.	T inch (mm)	Dimensions				Ordering Code	Price US\$
		$\alpha=92^\circ$					
		A in.	A mm	B in.	B mm		
½	.065 (1.65)	3.00	76.2	1.62	41.3	TE2C92 6L .5-..	POA
¾	.065 (1.65)	3.00	76.2	1.62	41.3	TE2C92 6L .75-..	POA
1	.065 (1.65)	3.00	76.2	2.00	50.8	TE2C92 6L 1.0-..	POA
1½	.065 (1.65)	3.75	95.3	2.75	69.9	TE2C92 6L 1.5-..	POA
2	.065 (1.65)	4.75	120.7	3.50	88.9	TE2C92 6L 2.0-..	POA
2½	.065 (1.65)	5.50	139.7	4.25	108.0	TE2C92 6L 2.5-..	POA
3	.065 (1.65)	6.25	158.8	5.00	127.0	TE2C92 6L 3.0-..	POA
4	.083 (2.115)	8.00	203.2	6.62	168.3	TE2C92 6L 4.0-..	POA

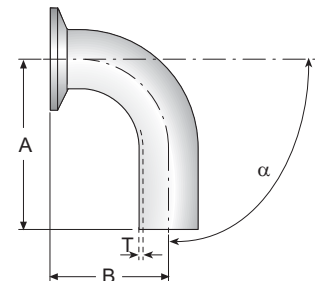
Note: 89 & 91 degree elbows are available upon request.



TE2S - 88°/92° ELBOW



TEG2C - 88°/92° ELBOW



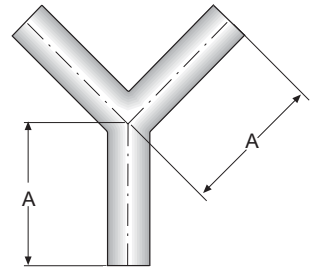
TE2C - 88°/92° ELBOW



True Y

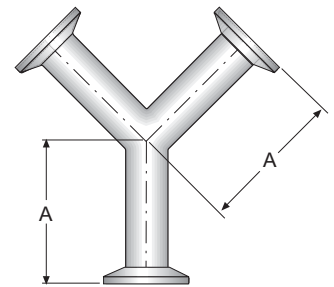
TE28WB - TRUE Y

Nominal Size in.	Dimensions			Ordering Code	Price US\$
A in.	A mm	Nom. Wall			
½	2.00	50.8	.065	TE28WB6L ½-...	POA
¾	2.00	50.8	.065	TE28WB6L ¾-...	POA
1	3.00	76.2	.065	TE28WB6L1.0-..	POA
1½	3.00	76.2	.065	TE28WB6L1.5-..	POA
2	4.00	101.6	.065	TE28WB6L2.0-..	POA
2½	5.00	127.0	.065	TE28WB6L2.5-..	POA
3	6.00	152.4	.065	TE28WB6L3.0-..	POA
4	8.00	302.2	.083	TE28WB6L4.0-..	POA
6	8.00	302.2	.109	TE28WB6L6.0-..	POA



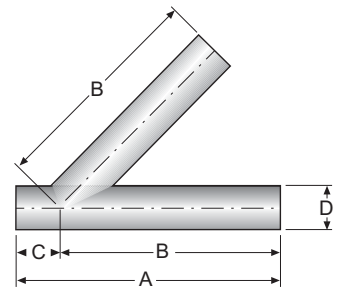
TEG28B - CLAMP TRUE Y

Nominal Size in.	Dimensions		Ordering Code	Price US\$
A in.	A mm			
½	2.50	63.5	TEG28B6L.5-..	POA
¾	2.50	63.5	TEG28B6L.75-..	POA
1	3.50	88.9	TEG28B6L1.0-..	POA
1½	3.50	88.9	TEG28B6L1.5-..	POA
2	4.50	114.9	TEG28B6L2.0-..	POA
2½	5.50	139.7	TEG28B6L2.5-..	POA
3	6.50	165.1	TEG28B6L3.0-..	POA
4	8.625	219.1	TEG28B6L4.0-..	POA
6	8.875	225.4	TEG28B6L6.0-..	POA



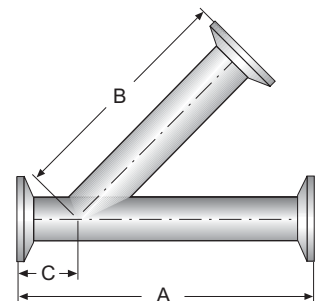
TE28WA - 45° LATERAL

Nominal Size in.	Dimensions								Ordering Code	Price US\$
A in.	A mm	B in.	B mm	C in.	C mm	D in.	D mm			
½	6.00	152.4	5.00	127.0	1.00	25.4	0.50	12.7	TE28WA6L.5-..	POA
¾	6.00	152.4	5.00	127.0	1.00	25.4	0.75	19.1	TE28WA6L.75-..	POA
1	6.00	152.4	5.00	127.0	1.00	25.4	1.00	25.4	TE28WA6L1.0-..	POA
1½	7.38	187.45	6.19	157.2	1.19	30.2	1.50	38.1	TE28WA6L1.5-..	POA
2	8.75	222.3	7.12	181.0	1.63	41.4	2.00	50.8	TE28WA6L2.0-..	POA
2½	10.00	254.0	8.50	215.9	1.50	38.1	2.50	63.50	TE28WA6L2.5-..	POA
3	10.75	270.1	8.87	225.4	1.87	47.5	3.00	76.2	TE28WA6L3.0-..	POA
4	12.81	325.4	10.75	273.1	2.06	52.4	4.00	101.6	TE28WA6L4.0-..	POA
6	16.50	419.1	12.50	317.5	4.00	101.6	6.00	152.4	TE28WA6L6.0-..	POA



TEG28A - 45° CLAMP LATERAL

Nominal Size in.	Dimensions					Ordering Code	Price US\$	
A in.	A mm	B in.	B mm	C in.	C mm			
½	7.000	177.8	5.500	139.7	1.500	38.1	TEG28A6L ½-...	POA
¾	7.000	177.8	5.500	139.7	1.500	38.1	TEG28A6L ¾-...	POA
1	7.000	177.8	5.500	139.7	1.500	38.1	TEG28A6L1.0-..	POA
1½	8.375	212.7	6.687	169.9	1.687	42.9	TEG28A6L1.5-..	POA
2	9.750	247.7	7.625	193.7	2.125	54.0	TEG28A6L2.0-..	POA
2½	11.000	279.4	9.000	228.6	2.000	50.8	TEG28A6L2.5-..	POA
3	11.750	298.5	9.375	238.1	2.375	60.3	TEG28A6L3.0-..	POA
4	14.062	357.2	11.375	288.9	2.687	68.3	TEG28A6L4.0-..	POA
6	18.250	479.4	15.375	390.5	4.875	111.1	TEG28A6L6.0-..	POA



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