

1.2 BioPharm Fittings

Tri-Clover® Pharma fittings with either Tri-Weld® ends suitable for use with orbital welding equipment or self-aligning Tri-Clamp® end connections. Our full line are manufactured in compliance with the current revision of the ASME BPE Standards.



Price Sheets

BioPharm Tri-Clamps Elbows	1.2.44
BioPharm Tri-Clamps Tees	1.2.45
BioPharm Tri-Clamps Reducing Tees	1.2.46
BioPharm Tri-Clamps Instrument Tees	1.2.48
BioPharm Tri-Clamps Crosses	1.2.49
BioPharm Tri-Clamps Ferrules	1.2.50
BioPharm Tri-Clamps	1.2.51
BioPharm Tri-Clamps Gaskets	1.2.53
BioPharm Tri-Clamps Solid End Caps	1.2.55
BioPharm Tri-Clamps Adapters	1.2.56
BioPharm Tri-Clamps Reducers	1.2.57
BioPharm Tri-Weld Bends	1.2.58
BioPharm Tri-Weld Use-Point Fittings	1.2.60
BioPharm Tri-Weld Tees	1.2.62
BioPharm Tri-Weld Reducing Tees	1.2.63
BioPharm Tri-Weld Instrument Tees	1.2.66
BioPharm Tri-Weld Crosses	1.2.67
BioPharm Tri-Weld Reducing Crosses	1.2.68
BioPharm Tri-Weld End Caps	1.2.69
BioPharm Tri-Weld Reducers	1.2.70

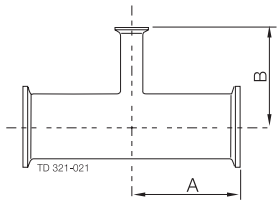
Material: 316L
Product code: 5017/AI

Finish Item No.	Finish Item No.	Size DN/OD		Dimension A		
		Inch	mm	Inch	mm	
PL	PM					B2CMP (3A)
9634-002819	9634-002828	1/2	12.7	1.63	41.3	
9634-002820	9634-002829	3/4	19.0	1.63	41.3	
9634-002821	9634-002830	1	25.4	2.00	50.8	
9634-002822	9634-002831	1 1/2	38.1	2.75	69.9	
9634-002823	9634-002832	2	50.8	3.50	88.9	
9634-002824	9634-002833	2 1/2	63.5	4.25	108.0	
9634-002825	9634-002834	3	76.2	5.00	127.0	
9634-002826	9634-002835	4	101.6	6.63	168.3	
9634-002827	9634-002836	6	152.4	10.50	266.7	
9634-003019	9634-003028	1/2	12.7	1.00	25.4	
9634-003020	9634-003029	3/4	19.0	1.00	25.4	
9634-003021	9634-003030	1	25.4	1.13	28.6	
9634-003022	9634-003031	1 1/2	38.1	1.44	36.5	
9634-003023	9634-003032	2	50.8	1.75	44.5	
9634-003024	9634-003033	2 1/2	63.5	2.06	52.4	
9634-003025	9634-003034	3	76.2	2.38	60.3	
9634-003026	9634-003035	4	101.6	3.13	79.4	
9634-003027	9634-003036	6	152.4	5.25	133.4	

Material: 316L
Product code: 5030/AA

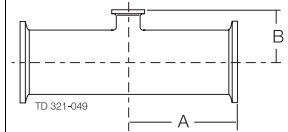
Finish Item No.	Finish Item No.	Size DN/OD		Dimension				
				A		B		
PL	PM	Inch	mm	Inch	mm	Inch	mm	B7MP (3A)
9634-003219	9634-003228	1/2	12.7	2.25	57.2			
9634-003220	9634-003229	3/4	19.0	2.38	60.3			
9634-003221	9634-003230	1	25.4	2.63	66.7			
9634-003222	9634-003231	1 1/2	38.1	2.88	73.0			
9634-003223	9634-003232	2	50.8	3.38	85.7			
9634-003224	9634-003233	2 1/2	63.5	3.63	92.1			
9634-003225	9634-003234	3	76.2	3.88	98.4			
9634-003226	9634-003235	4	101.6	4.75	181.0			
9634-003227	9634-003236	6	152.4	7.13	181.0			
B7MPS (3A)								
9634-043017	9634-043025	1/2	12.7	2.25	57.2	1.00	25.4	
9634-043018	9634-043026	3/4	19.0	2.38	60.3	1.13	28.6	
9634-043019	9634-043027	1	25.4	2.63	66.7	1.13	26.9	
9634-043020	9634-043028	1 1/2	38.1	2.88	73.0	1.38	34.9	
9634-043021	9634-043029	2	50.8	3.38	85.7	1.63	41.3	
9634-043022	9634-043030	2 1/2	63.5	3.63	92.1	1.88	47.6	
9634-043023	9634-043031	3	76.2	3.88	98.4	2.13	54.0	
9634-043024	9634-043032	4	101.6	4.75	120.7	2.75	69.8	
9634050011	9634050012	6	152.4	7.13	181.0	4.63	117.5	

Material: 316L
Product code: 5037/AI

Finish Item No.	Finish Item No.	Size DN/OD		Dimension				B7RMP (3A)
				A		B		
PL	PM	Inch	mm	Inch	mm	Inch	mm	
9634-003643	9634-003664	¾ x ½	19.0 x 12.7	2.50	63.5	2.50	63.5	
9634-003644	9634-003665	1 x ½	25.4 x 12.7	2.63	66.7	2.63	66.7	
9634-003645	9634-003666	1 x ¾	25.4 x 19.0	2.63	66.7	2.63	66.7	
9634-003646	9634-003667	1½ x ½	38.1 x 12.7	2.88	73.0	2.88	73.0	
9634-003647	9634-003668	1½ x ¾	38.1 x 19.0	2.88	73.0	2.88	73.0	
9634-003648	9634-003669	1½ x 1	38.1 x 25.4	2.88	73.0	2.88	73.0	
9634-003649	9634-003670	2 x ½	50.8 x 12.7	3.38	85.7	3.13	79.4	
9634-003650	9634-003671	2 x ¾	50.8 x 19.0	3.38	85.7	3.13	79.4	
9634-003651	9634-003672	2 x 1	50.8 x 25.4	3.38	85.7	3.13	79.4	
9634-003652	9634-003673	2 x 1½	50.8 x 38.1	3.38	85.7	3.13	79.4	
9634-003653	9634-003674	2½ x ½	63.5 x 12.7	3.63	92.1	3.38	85.7	
9634-003654	9634-003675	2½ x ¾	63.5 x 19.0	3.63	92.1	3.38	85.7	
9634-003655	9634-003676	2½ x 1	63.5 x 25.4	3.63	92.1	3.38	85.7	
9634-003656	9634-003677	2½ x 1½	63.5 x 38.1	3.63	92.1	3.38	85.7	
9634-003657	9634-003678	2½ x 2	63.5 x 50.8	3.63	92.1	3.38	85.7	
9634-003658	9634-003679	3 x ½	76.2 x 12.7	3.88	98.4	3.63	92.1	
9634-003659	9634-003680	3 x ¾	76.2 x 19.0	3.88	98.4	3.63	92.1	
9634-003660	9634-003681	3 x 1	76.2 x 25.4	3.88	98.4	3.63	92.1	
9634-003661	9634-003682	3 x 1½	76.2 x 38.1	3.88	98.4	3.63	92.1	
9634-003662	9634-003683	3 x 2	76.2 x 50.8	3.88	98.4	3.63	92.1	
9634-003663	9634-003684	3 x 2½	76.2 x 63.5	3.88	98.4	3.63	92.1	
9634-003717	9634-003725	4 x ½	101.6 x 12.7	4.75	120.7	4.13	104.8	
9634-003718	9634-003726	4 x ¾	101.6 x 19.0	4.75	120.7	4.13	104.8	
9634-003719	9634-003727	4 x 1	101.6 x 25.4	4.75	120.7	4.13	104.8	
9634-003720	9634-003728	4 x 1½	101.6 x 38.1	4.75	120.7	4.13	104.8	
9634-003721	9634-003729	4 x 2	101.6 x 50.8	4.75	120.7	4.38	111.1	
9634-003722	9634-003730	4 x 2½	101.6 x 63.5	4.75	120.7	4.38	111.1	
9634-003723	9634-003731	4 x 3	101.6 x 76.2	4.75	120.7	4.38	111.1	

Material: 316L
Product code: 5037/AI

Finish Item No.	Finish Item No.	Size DN/OD		Dimension				B7RMPS (3A)
				A		B		
				Inch	mm	Inch	mm	
9634-003943	9634-003964	¾ x ½	19.0 x 12.7	2.50	63.5	1.00	25.4	
9634-003944	9634-003965	1 x ½	25.4 x 12.7	2.63	66.7	1.13	28.6	
9634-003945	9634-003966	1 x ¾	25.4 x 19.0	2.63	66.7	1.13	28.6	
9634-003946	9634-003967	1½ x ½	38.1 x 12.7	2.88	73.0	1.38	34.9	
9634-003947	9634-003968	1½ x ¾	38.1 x 19.0	2.88	73.0	1.38	34.9	
9634-003948	9634-003969	1½ x 1	38.1 x 25.4	2.88	73.0	1.38	34.9	
9634-003949	9634-003970	2 x ½	50.8 x 12.7	3.38	85.7	1.63	41.3	
9634-003950	9634-003971	2 x ¾	50.8 x 19.0	3.38	85.7	1.63	41.3	
9634-003951	9634-003972	2 x 1	50.8 x 25.4	3.38	85.7	1.63	41.3	
9634-003952	9634-003973	2 x 1½	50.8 x 38.1	3.38	85.7	1.63	41.3	
9634-003953	9634-003974	2½ x ½	63.5 x 12.7	3.63	92.1	1.88	47.6	
9634-003954	9634-003975	2½ x ¾	63.5 x 19.0	3.63	92.1	1.88	47.6	
9634-003955	9634-003976	2½ x 1	63.5 x 25.4	3.63	92.1	1.88	47.6	
9634-003956	9634-003977	2½ x 1½	63.5 x 38.1	3.63	92.1	1.88	47.6	
9634-003957	9634-003978	2½ x 2	63.5 x 50.8	3.63	92.1	1.88	47.6	
9634-003958	9634-003979	3 x ½	76.2 x 12.7	3.88	98.4	2.13	54.0	
9634-003959	9634-003980	3 x ¾	76.2 x 19.0	3.88	98.4	2.13	54.0	
9634-003960	9634-003981	3 x 1	76.2 x 25.4	3.88	98.4	2.13	54.0	
9634-003961	9634-003982	3 x 1½	76.2 x 38.1	3.88	98.4	2.13	54.0	
9634-003962	9634-003983	3 x 2	76.2 x 50.8	3.88	98.4	2.13	54.0	
9634-003963	9634-003984	3 x 2½	76.2 x 63.5	3.88	98.4	2.13	54.0	
9634-004017	9634-004025	4 x ½	101.6 x 12.7	4.75	120.7	2.63	66.7	
9634-004018	9634-004026	4 x ¾	101.6 x 19.0	4.75	120.7	2.63	66.7	
9634-004019	9634-004027	4 x 1	101.6 x 25.4	4.75	120.7	2.63	66.7	
9634-004020	9634-004028	4 x 1½	101.6 x 38.1	4.75	120.7	2.63	66.7	
9634-004021	9634-004029	4 x 2	101.6 x 50.8	4.75	120.7	2.63	66.7	
9634-004022	9634-004030	4 x 2½	101.6 x 63.5	4.75	120.7	2.63	66.7	
9634-004023	9634-004031	4 x 3	101.6 x 76.2	4.75	120.7	2.63	66.7	
9634-050035	9634-050036	6 x ½	152.4 x 12.7	7.13	181.0	3.75	95.3	
9634-050038	9634-050039	6 x ¾	152.4 x 19.0	7.13	181.0	3.75	95.3	
9634-050041	9634-050042	6 x 1	152.4 x 25.4	7.13	181.0	3.75	95.3	
9634-050044	9634-050045	6 x 1½	152.4 x 38.1	7.13	181.0	3.75	95.3	
9634-050047	9634-050048	6 x 2	152.4 x 50.8	7.13	181.0	3.75	95.3	
9634-050050	9634-050051	6 x 2½	152.4 x 63.5	7.13	181.0	3.75	95.3	
9634-050053	9634-050054	6 x 3	152.4 x 76.2	7.13	181.0	3.75	95.3	
9634-004024	9634-004032	6 x 4	152.4 x 101.6	7.13	181.0	3.75	95.3	



Material: 316L
Product code: 5037/AI

Finish Item No.	Finish Item No.	Size DN/OD		Dimension				B7IMPS (3A)
				A		B		
PL	PM	Inch	mm	Inch	mm	Inch	mm	
211171	211169	½ x 1½	12.7 x 38.1	3.00	76.2	0.88	22.2	
211543	211544	½ x 2	12.7 x 50.8	3.25	82.5	1.00	25.4	
211170	211377	¾ x 1½	19.0 x 38.1	3.00	76.2	1.00	25.4	
211545	211546	¾ x 2	19.0 x 50.8	3.25	82.5	1.13	28.6	
211173	211158	1 x 1½	25.4 x 38.1	3.00	76.2	1.13	28.6	
211547	211616	1 x 2	25.4 x 50.8	3.25	82.5	1.25	31.7	
211172	211187	1½ x 2	38.1 x 50.8	3.25	82.5	1.50	38.1	

Material: 316L
Product code: 5037/AI

Finish Item No.	Finish Item No.	Size DN/OD		Dimension A		B9MP (3A)
		Inch	mm	Inch	mm	
9634-003419	9634-003428	1/2	12.7	2.25	57.2	
9634-003420	9634-003429	3/4	19.0	2.38	60.3	
9634-003421	9634-003430	1	25.4	2.63	66.7	
9634-003422	9634-003431	1 1/2	38.1	2.88	73.0	
9634-003423	9634-003432	2	50.8	3.38	85.7	
9634-003424	9634-003433	2 1/2	63.5	3.63	92.1	
9634-003425	9634-003434	3	76.2	3.88	98.4	
9634-003426	9634-003435	4	101.6	4.75	120.7	

Material: 316L
Product code: 5056/Al

Finish Item No.	Finish Item No.	Size DN/OD		Dimension				
				A		B		
PL	PM	Inch	mm	Inch	mm	Inch	mm	BS14AM (3A)
9634-004801	9634-004810	1/2	12.7	1.75	44.5			
9634-004802	9634-004811	3/4	19.0	1.75	44.5			
9634-004803	9634-004812	1	25.4	1.75	44.5			
9634-004804	9634-004813	1 1/2	38.1	1.75	44.5			
9634-004805	9634-004814	2	50.8	2.25	57.2			
9634-004806	9634-004815	2 1/2	63.5	2.25	57.2			
9634-004807	9634-004816	3	76.2	2.25	57.2			
9634-004808	9634-004817	4	101.6	2.25	57.2			
9634-004809	9634-004818	6	152.4	3.00	76.2			
14WMPS (3A)								
610264	610265	1/2	12.7	0.98	24.9	0.50	12.7	
610269	610270	3/4	19.0	0.98	24.9	0.50	12.7	
610274	610275	1	25.4	1.98	50.4	0.50	12.7	
610276	610812	1 1/2	38.1	1.98	50.4	0.50	12.7	
610790	610277	2	50.8	2.52	63.9	0.50	12.7	
610278	610279	2 1/2	63.5	3.05	77.4	0.50	12.7	
610280	610281	3	76.2	3.58	90.9	0.50	12.7	
610282	610283	4	101.6	4.69	119.1	0.63	15.9	
660028	Contact AL	6	152.4	6.58	167.1	1.50	38.1	

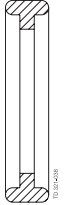
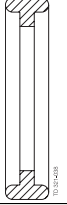
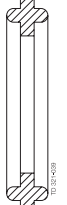
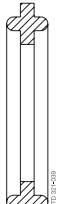
Product code: 5056/AI

Material Item No..	Size DN/OD		Dimension A		
	Inch	mm	Inch	mm	
1.4301 (304)					13MHM
212195	1 x 1½	25.4 x 38.1	2.13	54.0	
212196	2	50.8	2.66	67.5	
212197	2½	63.5	3.19	81.0	
212198	3	76.2	3.72	94.5	
212199	4	101.6	4.83	122.6	
210129	6	152.4	6.69	169.9	
					A13MHM
211053	1 x 1½	25.4 x 38.1	2.13	54.0	
211054	2	50.8	2.66	67.1	
211055	2½	63.5	3.19	81.0	
211056	3	76.2	3.72	94.5	
211057	4	101.6	4.83	122.2	
211058	6	152.4	6.69	169.9	
					13MW
9612-0119-02	1½	38.1	2.06	52.3	
9612-0119-03	2	50.8	2.56	65.0	
9612-0119-04	2½	63.5	3.12	79.2	
9612-0119-05	3	76.2	3.66	93.0	
9612-0119-06	4	101.6	4.75	120.7	
					13MHHS
211290	½ - ¾	12.7 - 19.0	1.13	28.6	
					13MHHS
211283	1-1½	25.4 - 38.1	2.13	54.0	
211284	2	50.8	2.66	67.5	
211286	2½	63.5	3.19	81.0	
211287	3	76.2	3.72	94.5	
211289	4	101.6	4.83	122.6	

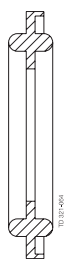
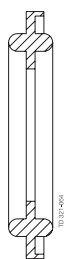
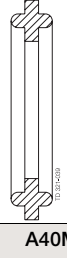

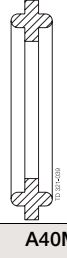

Product code: 5056/AI

Material Item No..	Size		Dimension		
	DN/OD		A		
1.4301 (304)	Inch	mm	Inch	mm	<p>A13MHP</p>
210180	1-1½	25.4 - 38.1	2.05	52.0	
210040	2	50.8	2.58	65.5	
210213	2½	63.5	3.11	79.0	
210248	3	76.2	3.64	92.5	
210042	4	101.6	4.73	120.3	
9634-048982	6	152.4	6.63	168.4	
					<p>13MHP</p>
211278	1½	38.1	2.05	52.0	
211279	2	50.8	2.58	65.5	
211280	2½	63.5	3.11	79.0	
211281	3	76.2	3.64	92.5	
211617	4	101.6	4.73	120.3	
260234	6	152.4	6.63	168.4	
					<p>A12MPS - Swivel joint</p>
210135	1½	38.1	1.98	50.4	
210136	2	50.8	2.52	63.9	
210137	2½	63.5	3.05	77.4	
210138	3	76.2	3.58	90.9	
210140	4	101.6	4.69	119.1	

Product code: 5056/AI

Material Item No.	Material Item No.	Material Item No.	Material Item No.	Size	
42MP-E	42MP-G	42MP-U	42MP-SFY	Inch	42MP
290273	290270	290272	290274	1/2	
290265	290271	290264	290266	3/4	
42MP-X				Inch	42MP
290090				1/2	
290099				3/4	
40MP-E	40MP-N	40MP-U	40MP-SFY	Inch	40MP/40MO
290141	298428	298451	290009	1	
290044	298427	298452	290022	1 1/2	
290043	298425	298453	290030	2	
290048	298505	298454	290040	2 1/2	
290036	298506	298455	290049	3	
290018	298426	298456	290053	4	
40MO-E	40MO-N	40MO-U	40MO-SFY		
Not available	Not available	298360	290093	5	
290234	Not available	290112	290220	6	
40MP-G	40MP-X	40MP-UW	40MP-SFYW	Inch	
298224	298512	298501	290071	1	
298227	298507	298495	290070	1 1/2	
298228	298508	298496	290062	2	
298223	298509	298499	290057	2 1/2	
298225	298510	298497	290055	3	
298226	298511	298498	290086	4	
40MO-G	40MO-X	40MO-UW	40MO-SFYW		
Not available	Not available	Not available	Not available	5	
298235	Not available	290195	Not available	6	
298236	Not available	Not available	Not available	8	
298237	Not available	Not available	Not available	10	
290168	Not available	Not available	Not available	12	

Code Letter	Material	Code Letter	Material
			Material Descriptions
E	EPDM	SFYW	White Steam Resistant Fluoroelastomer
G	PTFE	X	Silicone (Q)
N	Polyethylene	UW	White Buna N
SFY	Steam Resistant Fluoroelastomer	U	Buna N

Material Item No.	Material Item No.	Material Item No.	Size	
40MPF-E	40MPF-U	40MPF-SFY	Inch	40MPF/40MOF
290031	298346	290097	1	
290038	298347	290115	1½	
290017	298376	290117	2	
290035	298348	290118	2½	
290138	298375	290119	3	
290025	298349	9630290172	4	
40MOF-E	40MOF-U	40MOF-SFY		
290131	298220	290182	6	
290114	298221	290202	8	
290226	298222	290237	10	
290088	298409	290024	12	
40MPF-X	40MPF-UW			40MPF/40MOF
298411	298308		1	
298412	298431		1½	
298413	298417		2	
298414	290069		2½	
298415	298432		3	
298416	298433		4	
40MOF-X	40MOF-UW			
298605	290236		6	
298606	290250		8	
298607	290252		10	
298608	Not available		12	
40MHP-E	40MHP-SFY			40MHP
290029	290028		1	
A40MP-GR	A40M0-GR			A40MP/A40MO. PTFE Envelope Gasket with SFY
290072			1	
290073			1½	
290074			2	
290075			2½	
290076			3	
290077			4	
	290085		6	

Material: 316L
Product code: 5056/AI

Finish Item No.	Finish Item No.	Size DN/OD		Dimension				16AMP (3A)
				A		B		
PL	PM	Inch	mm	Inch	mm	Inch	mm	
219123	210009	1/2 - 3/4	19.0	0.19	4.8	0.98	24.9	
210273	210162	1-1/2	38.1	0.25	6.4	1.98	50.4	
210831	210891	2	50.8	0.25	6.4	2.52	63.9	
219124	210349	2 1/2	63.5	0.25	6.4	3.05	77.4	
210770	210894	3	76.2	0.25	6.4	3.58	90.9	
210783	210121	4	101.6	0.25	6.4	4.69	119.1	
260214	260213	6	152.4	0.44	11.1	6.58	167.1	

Material: 316L
Product code: 5056/Al

Finish Item No.	Finish Item No.	Size DN/OD		Dimension					
				A		B			
PL	PM	Inch	mm	Inch	mm	Inch	mm	14MPHR	
210493	210954	1/2 x 1/4	12.7 x 6.4	1.50	38.1				
210494	210667	1/2 x 3/8	12.7 x 9.7	1.50	38.1				
210495	210321	1/2 x 1/2	12.7 x 12.7	1.50	38.1				
210603	Not Available	3/4 x 1/4	19.0 x 6.4	1.50	38.1				
210604	Not Available	3/4 x 3/8	19.0 x 9.7	1.50	38.1				
210541	Not Available	3/4 x 1/2	19.0 x 12.7	1.50	38.1				
210539	210019	3/4 x 3/4	19.0 x 19.0	1.50	38.1				
210924	210365	1 x 1	25.4 x 25.4	1.69	42.9				
210369	210370	1 1/2 x 1 1/2	38.1 x 38.1	1.69	42.9				
210373	210382	2 x 2	50.8 x 50.8	2.31	58.7				
210386	210387	2 1/2 x 2 1/2	63.5 x 63.5	2.00	50.8				
210390	210391	3 x 3	76.2 x 76.2	3.11	79.0				
211618	210416	4 x 4	101.6 x 101.6	3.41	86.5				
21MP (N.P.T. Pipe Thread - Non 3A)									
210577	210579	1/2 x 1/8	12.7 x 3.2	2.00	50.8	0.40	10.2		
210545	210581	1/2 x 1/4	12.7 x 6.4	2.00	50.8	0.59	15.0		
210582	210584	1/2 x 3/8	12.7 x 9.5	2.00	50.8	0.60	15.2		
210537	210586	1/2 x 1/2	12.7 x 12.7	2.00	50.8	0.78	19.8		
210551	210588	1/2 x 3/4	12.7 x 19.0	2.00	50.8	0.79	20.1		
210589	211551	3/4 x 1/8	19.0 x 3.2	2.00	50.8	0.40	10.2		
210592	210993	3/4 x 1/4	19.0 x 6.4	2.00	50.8	0.59	15.0		
210548	210738	3/4 x 3/8	19.0 x 9.5	2.00	50.8	0.60	15.2		
210538	210593	3/4 x 1/2	19.0 x 12.7	2.00	50.8	0.78	19.8		
210542	210601	3/4 x 3/4	19.0 x 19.0	2.00	50.8	0.79	20.1		
219125	210840	1 x 1	25.4 x 25.4	2.25	57.2	0.69	17.5		
219126	210841	1 1/2 x 1 1/2	38.1 x 38.1	2.44	61.9	0.72	18.3		
219131	211552	2 x 2	50.8 x 50.8	2.66	67.5	0.75	19.1		
211549	211553	2 1/2 x 2 1/2	63.5 x 63.5	3.28	83.3	1.38	34.9		
210591	211554	3 x 3	76.2 x 76.2	3.50	88.9	1.20	30.6		
211550	211557	4 x 4	101.6 x 101.6	3.81	96.8	1.30	32.9		
22MP									
210686	211559	1/2 x 1/8	12.7 x 3.2	1.25	31.8				
210367	210878	1/2 x 1/4	12.7 x 6.4	1.50	38.1				
210420	211562	1/2 x 3/8	12.7 x 9.7	1.50	38.1				
210550	210055	1/2 x 1/2	12.7 x 12.7	1.50	38.1				
210543	211145	1/2 x 3/4	12.7 x 19.0	1.62	41.1				
210554	211564	3/4 x 1/8	19.0 x 3.2	1.25	31.8				
210557	211566	3/4 x 1/4	19.0 x 6.4	1.50	38.1				
210560	211567	3/4 x 3/8	19.0 x 9.5	1.50	38.1				
210563	211144	3/4 x 1/2	19.0 x 12.7	1.50	38.1				
210536	210567	3/4 x 3/4	19.0 x 19.0	1.62	41.1				
219129	211570	1 x 1	25.4 x 25.4	1.63	41.3				
210460	210897	1 1/2 x 1 1/2	38.1 x 38.1	2.25	57.2				
210459	210769	2 x 2	50.8 x 50.8	2.34	59.2				
211558	211571	2 1/2 x 2 1/2	63.5 x 63.5	2.09	53.2				
210915	211572	3 x 3	76.2 x 76.2	2.19	55.6				
211560	211575	4 x 4	101.6 x 101.6	2.66	67.5				

Material: 316L
Product code: 5077/AI

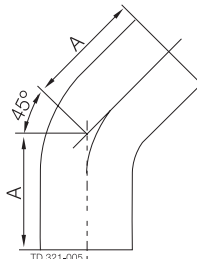
Finish Item No.	Finish Item No.	Size DN/OD		Dimension A		B31 - 14MP (3A)
		Inch	mm	Inch	mm	
9634-004301	9634-004326	3/4 x 1/2	19.0 x 12.7	2.00	50.8	
9634-004302	9634-004327	1 x 1/2	25.4 x 12.7	2.50	63.5	
9634-004303	9634-004328	1 x 3/4	25.4 x 19.0	2.00	50.8	
9634-004304	9634-004329	1 1/2 x 1/2	38.1 x 12.7	3.50	88.9	
9634-004305	9634-004330	1 1/2 x 3/4	38.1 x 19.0	3.00	76.2	
9634-004306	9634-004331	1 1/2 x 1	38.1 x 25.4	3.00	76.2	
9634-004308	9634-004333	2 x 3/4	50.8 x 19.0	5.00	127.0	
9634-004309	9634-004334	2 x 1	50.8 x 25.4	5.00	127.0	
9634-004310	9634-004335	2 x 1 1/2	50.8 x 38.1	3.00	76.2	
9634-004314	9634-004339	2 1/2 x 1 1/2	63.5 x 38.1	5.00	127.0	
9634-004315	9634-004340	2 1/2 x 2	63.5 x 50.8	3.00	76.2	
9634-004317	9634-004342	3 x 1 1/2	76.2 x 38.1	7.00	177.8	
9634-004318	9634-004343	3 x 2	76.2 x 50.8	5.00	127.0	
9634-004319	9634-004344	3 x 2 1/2	76.2 x 63.5	3.00	76.2	
9634-004322	9634-004347	4 x 2	101.6 x 50.8	9.13	231.8	
9634-004323	9634-004348	4 x 2 1/2	101.6 x 63.5	7.13	181.0	
9634-004324	9634-004349	4 x 3	101.6 x 76.2	5.13	130.2	
9634-050023	9634-050024	6 x 3	152.4 x 76.2	7.50	190.5	
9634-004325	9634-004350	6 x 4	152.4 x 101.6	7.63	193.7	
B32 - 14MP (3A)						
9634-039201	9634-039226	3/4 x 1/2	19.0 x 12.7	2.00	50.8	
9634-039202	9634-039227	1 x 1/2	25.4 x 12.7	2.50	63.5	
9634-039203	9634-039228	1 x 3/4	25.4 x 19.0	2.00	50.8	
9634-039204	9634-039229	1 1/2 x 1/2	38.1 x 12.7	3.50	88.9	
9634-039205	9634-039230	1 1/2 x 3/4	38.1 x 19.0	3.00	76.2	
9634-039206	9634-039231	1 1/2 x 1	38.1 x 25.4	3.00	76.2	
9634-039209	9634-039234	2 x 1	50.8 x 25.4	5.00	127.0	
9634-039210	9634-039235	2 x 1 1/2	50.8 x 38.1	3.00	76.2	
9634-039214	9634-039239	2 1/2 x 1 1/2	63.5 x 38.1	5.00	127.0	
9634-039215	9634-039240	2 1/2 x 2	63.5 x 50.8	3.00	76.2	
9634-039217	9634-039242	3 x 1 1/2	76.2 x 38.1	7.00	177.8	
9634-039218	9634-039243	3 x 2	76.2 x 50.8	5.00	127.0	
9634-039219	9634-039244	3 x 2 1/2	76.2 x 63.5	3.00	76.2	
9634-039222	9634-039247	4 x 2	101.6 x 50.8	9.13	231.8	
9634-039223	9634-039248	4 x 2 1/2	101.6 x 63.5	7.13	181.0	
9634-039224	9634-039249	4 x 3	101.6 x 76.2	5.13	130.2	
9634039251	9634039252	6 x 3	152.4 x 72.2	7.63	193.7	
9634039225	9634039250	6 x 4	152.4 x 101.6	7.63	193.7	

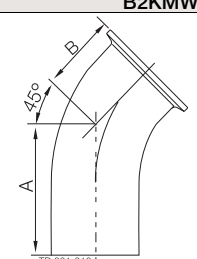
Material: 316L
Product code: 5009/AA

Finish Item No.	Finish Item No.	Size DN/OD		Dimension A		B2S (3A)
		Inch	mm	Inch	mm	
9634-000219	9634-000228	1/2	12.7	3.00	76.2	
9634-000220	9634-000229	3/4	19.0	3.00	76.2	
9634-000221	9634-000230	1	25.4	3.00	76.2	
9634-000222	9634-000231	1 1/2	38.1	3.75	95.3	
9634-000223	9634-000232	2	50.8	4.75	120.7	
9634-000224	9634-000233	2 1/2	63.5	5.50	139.7	
9634-000225	9634-000234	3	76.2	6.25	158.8	
9634-000226	9634-000235	4	101.6	8.00	203.2	
9634-000227	9634-000236	6	152.4	11.50	292.1	
9634-000201	9634000210	1/2	12.7	3.00	76.2	
9634-000202	9634000211	3/4	19.0	3.00	76.2	
9634-000203	9634000212	1	25.4	3.00	76.2	
9634-000204	9634000213	1 1/2	38.1	3.75	95.3	
9634-000205	9634000214	2	50.8	4.75	120.7	
9634-000206	9634000215	2 1/2	63.5	5.50	139.7	
9634-000207	9634000216	3	76.2	6.25	158.8	
9634-000208	9634000217	4	101.6	8.00	203.2	
9613-601873	Not available	6	152.4	11.50	292.1	

Finish Item No.	Finish Item No.	Size DN/OD		Dimension				B2CMW (3A)
		Inch	mm	A		B		
PL	PM	Inch	mm	Inch	mm	Inch	mm	
9634-001919	9634-001928	1/2	12.7	3.00	76.2	1.63	41.3	
9634-001920	9634-001929	3/4	19.0	3.00	76.2	1.63	41.3	
9634-001921	9634-001930	1	25.4	3.00	76.2	2.00	50.8	
9634-001922	9634-001931	1 1/2	38.1	3.75	95.3	2.75	69.9	
9634-001923	9634-001932	2	50.8	4.75	120.7	3.50	88.9	
9634-001924	9634-001933	2 1/2	63.5	5.50	139.7	4.25	108.0	
9634-001925	9634-001934	3	76.2	6.25	158.8	5.00	127.0	
9634-001926	9634-001935	4	101.6	8.00	203.2	6.63	168.2	
9635000184	9635000183	6	152.4	11.5	292.1	10.50	266.7	

Material: 316L
Product code: 5009/AA

Finish Item No.	Finish Item No.	Size DN/OD		Dimension A		B2KS (3A)
		Inch	mm	Inch	mm	
9634-000419	9634-000428	1/2	12.7	2.25	57.2	
9634-000420	9634-000429	3/4	19.0	2.25	57.2	
9634-000421	9634-000430	1	25.4	2.25	57.2	
9634-000422	9634-000431	1 1/2	38.1	2.50	63.5	
9634-000423	9634-000432	2	50.8	3.00	76.2	
9634-000424	9634-000433	2 1/2	63.5	3.38	85.7	
9634-000425	9634-000434	3	76.2	3.63	92.1	
9634-000426	9634-000435	4	101.6	4.50	114.3	
9634-000427	9634-000436	6	152.4	6.25	158.8	
9634-000401	9634000410	1/2	12.7	2.25	57.2	
9634-000402	9634000411	3/4	19.0	2.25	57.2	
9634-000403	9634000412	1	25.4	2.25	57.2	
9634-000404	9634000413	1 1/2	38.1	2.50	63.5	
9634-000405	9634000414	2	50.8	3.00	76.2	
9634-000406	9634000415	2 1/2	63.5	3.38	85.7	
9634-000407	9634000416	3	76.2	3.63	92.1	
9634-000408	9634000417	4	101.6	4.50	114.3	
Not available	Not available	6	152.4	6.25	158.8	

Finish Item No.	Finish Item No.	Size DN/OD		Dimension				B2KMW (3A)
		Inch	mm	A		B		
PL	PM	Inch	mm	Inch	mm	Inch	mm	
9634-002119	9634-002128	1/2	12.7	2.25	57.2	1.0	25.4	
9634-002120	9634-002129	3/4	19.0	2.25	57.2	1.0	25.4	
9634-002121	9634-002130	1	25.4	2.25	57.2	1.1	28.6	
9634-002122	9634-002131	1 1/2	38.1	2.50	63.5	1.4	36.5	
9634-002123	9634-002132	2	50.8	3.00	76.2	1.8	44.5	
9634-002124	9634-002133	2 1/2	63.5	3.38	85.7	2.1	52.4	
9634-002125	9634-002134	3	76.2	3.63	92.1	2.3	60.3	
9634-002126	9634-002135	4	101.6	4.50	114.3	3.1	79.4	

Material: 316L
Product code: 5009/AA

Finish Item No.	Size DN/OD		Dimension						B2UMPBOA (3A)
	Inch	mm	A		B		C		
PL	Inch	mm	Inch	mm	Inch	mm	Inch	mm	
9634-037401	1 x 1/2	25.4 x 12.7	3.00	76.2	3.00	76.2	4.13	104.8	
9634-037402	1 x 3/4	25.4 x 19.0	3.00	76.2	3.00	76.2	4.13	104.8	
9634-037403	1 1/2 x 1/2	38.1 x 12.7	4.50	114.3	4.50	114.3	5.88	149.2	
9634-037404	1 1/2 x 3/4	38.1 x 19.0	4.50	114.3	4.50	114.3	5.88	149.2	
9634-037405	1 1/2 x 1	38.1 x 25.4	4.50	114.3	4.50	114.3	5.88	149.2	
9634-037406	2 x 1/2	50.8 x 12.7	5.00	127.0	6.00	152.4	6.63	168.3	
9634-037407	2 x 3/4	50.8 x 19.0	5.00	127.0	6.00	152.4	6.63	168.3	
9634-037408	2 x 1	50.8 x 25.4	5.00	127.0	6.00	152.4	6.63	168.3	
9634-037409	2 x 1 1/2	50.8 x 38.1	5.00	127.0	6.00	152.4	6.63	168.3	
9634-037410	2 1/2 x 1/2	63.5 x 12.7	5.75	146.1	7.50	190.5	7.63	193.7	
9634-037411	2 1/2 x 3/4	63.5 x 19.0	5.75	146.1	7.50	190.5	7.63	193.7	
9634-037412	2 1/2 x 1	63.5 x 25.4	5.75	146.1	7.50	190.5	7.63	193.7	
9634-037413	2 1/2 x 1 1/2	63.5 x 38.1	5.75	146.1	7.50	190.5	7.63	193.7	
9634-037414	2 1/2 x 2	63.5 x 50.8	5.75	146.1	7.50	190.5	7.63	193.7	
9634-037415	3 x 1/2	76.2 x 12.7	6.50	165.1	9.00	228.6	8.63	219.1	
9634-037416	3 x 3/4	76.2 x 19.0	6.50	165.1	9.00	228.6	8.63	219.1	
9634-037417	3 x 1	76.2 x 25.4	6.50	165.1	9.00	228.6	8.63	219.1	
9634-037418	3 x 1 1/2	76.2 x 38.1	6.50	165.1	9.00	228.6	8.63	219.1	
9634-037419	3 x 2	76.2 x 50.8	6.50	165.1	9.00	228.6	8.63	219.1	
9634-037420	3 x 2 1/2	76.2 x 63.5	6.50	165.1	9.00	228.6	8.63	219.1	
9634-037421	4 x 1/2	101.6 x 12.7	8.50	215.9	12.00	304.8	11.13	282.6	
9634-037422	4 x 3/4	101.6 x 19.0	8.50	215.9	12.00	304.8	11.13	282.6	
9634-037423	4 x 1	101.6 x 25.4	8.50	215.9	12.00	304.8	11.13	282.6	
9634-037424	4 x 1 1/2	101.6 x 38.1	8.50	215.9	12.00	304.8	11.13	282.6	
9634-037425	4 x 2	101.6 x 50.8	8.50	215.9	12.00	304.8	11.13	282.6	
9634-037426	4 x 2 1/2	101.6 x 63.5	8.50	215.9	12.00	304.8	11.13	282.6	
9634-037427	4 x 3	101.6 x 76.2	8.50	215.9	12.00	304.8	11.13	282.6	
PM									
9634-037428	1 x 1/2	25.4 x 12.7	3.00	76.2	3.00	76.2	4.13	104.8	
9634-037429	1 x 3/4	25.4 x 19.0	3.00	76.2	3.00	76.2	4.13	104.8	
9634-037430	1 1/2 x 1/2	38.1 x 12.7	4.50	114.3	4.50	114.3	5.88	149.2	
9634-037431	1 1/2 x 3/4	38.1 x 19.0	4.50	114.3	4.50	114.3	5.88	149.2	
9634-037432	1 1/2 x 1	38.1 x 25.4	4.50	114.3	4.50	114.3	5.88	149.2	
9634-037433	2 x 1/2	50.8 x 12.7	5.00	127.0	6.00	152.4	6.63	168.3	
9634-037434	2 x 3/4	50.8 x 19.0	5.00	127.0	6.00	152.4	6.63	168.3	
9634-037435	2 x 1	50.8 x 25.4	5.00	127.0	6.00	152.4	6.63	168.3	
9634-037436	2 x 1 1/2	50.8 x 38.1	5.00	127.0	6.00	152.4	6.63	168.3	
9634-037437	2 1/2 x 1/2	63.5 x 12.7	5.75	146.1	7.50	190.5	7.63	193.7	
9634-037438	2 1/2 x 3/4	63.5 x 19.0	5.75	146.1	7.50	190.5	7.63	193.7	
9634-037439	2 1/2 x 1	63.5 x 25.4	5.75	146.1	7.50	190.5	7.63	193.7	
9634-037440	2 1/2 x 1 1/2	63.5 x 38.1	5.75	146.1	7.50	190.5	7.63	193.7	
9634-037441	2 1/2 x 2	63.5 x 50.8	5.75	146.1	7.50	190.5	7.63	193.7	
9634-037442	3 x 1/2	76.2 x 12.7	6.50	165.1	9.00	228.6	8.63	219.1	
9634-037443	3 x 3/4	76.2 x 19.0	6.50	165.1	9.00	228.6	8.63	219.1	
9634-037444	3 x 1	76.2 x 25.4	6.50	165.1	9.00	228.6	8.63	219.1	
9634-037445	3 x 1 1/2	76.2 x 38.1	6.50	165.1	9.00	228.6	8.63	219.1	
9634-037446	3 x 2	76.2 x 50.8	6.50	165.1	9.00	228.6	8.63	219.1	
9634-037447	3 x 2 1/2	76.2 x 63.5	6.50	165.1	9.00	228.6	8.63	219.1	
9634-037448	4 x 1/2	101.6 x 12.7	8.50	215.9	12.00	304.8	11.13	282.6	
9634-037449	4 x 3/4	101.6 x 19.0	8.50	215.9	12.00	304.8	11.13	282.6	
9634-037450	4 x 1	101.6 x 25.4	8.50	215.9	12.00	304.8	11.13	282.6	
9634-037451	4 x 1 1/2	101.6 x 38.1	8.50	215.9	12.00	304.8	11.13	282.6	
9634-037452	4 x 2	101.6 x 50.8	8.50	215.9	12.00	304.8	11.13	282.6	
9634-037453	4 x 2 1/2	101.6 x 63.5	8.50	215.9	12.00	304.8	11.13	282.6	
9634-037454	4 x 3	101.6 x 76.2	8.50	215.9	12.00	304.8	11.13	282.6	

Material: 316L
Product code: 5009/AA

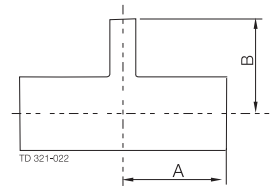
Finish Item No.	Size DN/OD		Dimension								B2UMPSOA (3A)	
			A		B		C		D			
PL	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm		
9634-037602	1 x 3/4	25.4 x 19.0	3.00	76.2	3.00	76.2	3.13	79.4	1.13	28.6		
9634-037604	1 1/2 x 3/4	38.1 x 19.0	4.50	114.3	4.50	114.3	4.88	123.8	1.38	34.9		
9634-037605	1 1/2 x 1	38.1 x 25.4	4.50	114.3	4.50	114.3	4.75	120.7	1.38	34.9		
9634-037607	2 x 3/4	50.8 x 19.0	5.00	127.0	6.00	152.4	5.63	142.9	1.63	43.3		
9634-037608	2 x 1	50.8 x 25.4	5.00	127.0	6.00	152.4	5.50	139.7	1.63	43.3		
9634-037609	2 x 1 1/2	50.8 x 38.1	5.00	127.0	6.00	152.4	5.25	133.4	1.63	43.3		
9634-037612	2 1/2 x 1	63.5 x 25.4	5.75	146.1	7.50	190.5	6.50	165.1	1.88	47.6		
9634-037613	2 1/2 x 1 1/2	63.5 x 38.1	5.75	146.1	7.50	190.5	6.25	158.8	1.88	47.6		
9634-037614	2 1/2 x 2	63.5 x 50.8	5.75	146.1	7.50	190.5	6.00	152.4	1.88	47.6		
9634-037617	3 x 1	76.2 x 25.4	6.50	165.1	9.00	228.6	7.50	190.5	2.13	54.0		
9634-037618	3 x 1 1/2	76.2 x 38.1	6.50	165.1	9.00	228.6	7.25	184.2	2.13	54.0		
9634-037619	3 x 2	76.2 x 50.8	6.50	165.1	9.00	228.6	7.00	177.8	2.13	54.0		
9634-037620	3 x 2 1/2	76.2 x 63.5	6.50	165.1	9.00	228.6	6.75	171.5	2.13	54.0		
9634-037623	4 x 1	101.6 x 25.4	8.50	215.9	12.00	304.8	10.00	254.0	2.63	66.7		
9634-037624	4 x 1 1/2	101.6 x 38.1	8.50	215.9	12.00	304.8	9.75	247.7	2.63	66.7		
9634-037625	4 x 2	101.6 x 50.8	8.50	215.9	12.00	304.8	9.50	241.3	2.63	66.7		
9634-037626	4 x 2 1/2	101.6 x 63.5	8.50	215.9	12.00	304.8	9.25	235.0	2.63	66.7		
9634-037627	4 x 3	101.6 x 76.2	8.50	215.9	12.00	304.8	9.00	228.6	2.63	66.7		
PM												
9634-037629	1 x 3/4	25.4 x 19.0	3.00	76.2	3.00	76.2	3.13	79.4	1.13	28.6		
9634-037631	1 1/2 x 3/4	38.1 x 19.0	4.50	114.3	4.50	114.3	4.88	123.8	1.38	34.9		
9634-037632	1 1/2 x 1	38.1 x 25.4	4.50	114.3	4.50	114.3	4.75	120.7	1.38	34.9		
9634-037634	2 x 3/4	50.8 x 19.0	5.00	127.0	6.00	152.4	5.63	142.9	1.63	43.3		
9634-037635	2 x 1	50.8 x 25.4	5.00	127.0	6.00	152.4	5.50	139.7	1.63	43.3		
9634-037636	2 x 1 1/2	50.8 x 38.1	5.00	127.0	6.00	152.4	5.25	133.4	1.63	43.3		
9634-037639	2 1/2 x 1	63.5 x 25.4	5.75	146.1	7.50	190.5	6.50	165.1	1.88	47.6		
9634-037640	2 1/2 x 1 1/2	63.5 x 38.1	5.75	146.1	7.50	190.5	6.25	158.8	1.88	47.6		
9634-037641	2 1/2 x 2	63.5 x 50.8	5.75	146.1	7.50	190.5	6.00	152.4	1.88	47.6		
9634-037644	3 x 1	76.2 x 25.4	6.50	165.1	9.00	228.6	7.50	190.5	2.13	54.0		
9634-037645	3 x 1 1/2	76.2 x 38.1	6.50	165.1	9.00	228.6	7.25	184.2	2.13	54.0		
9634-037646	3 x 2	76.2 x 50.8	6.50	165.1	9.00	228.6	7.00	177.8	2.13	54.0		
9634-037647	3 x 2 1/2	76.2 x 63.5	6.50	165.1	9.00	228.6	6.75	171.5	2.13	54.0		
9634-037650	4 x 1	101.6 x 25.4	8.50	215.9	12.00	304.8	10.00	254.0	2.63	66.7		
9634-037651	4 x 1 1/2	101.6 x 38.1	8.50	215.9	12.00	304.8	9.75	247.7	2.63	66.7		
9634-037652	4 x 2	101.6 x 50.8	8.50	215.9	12.00	304.8	9.50	241.3	2.63	66.7		
9634-037653	4 x 2 1/2	101.6 x 63.5	8.50	215.9	12.00	304.8	9.25	235.0	2.63	66.7		
9634-037654	4 x 3	101.6 x 76.2	8.50	215.9	12.00	304.8	9.00	228.6	2.63	66.7		

Material: 316L
Product code: 5029/AA

Finish Item No.	Finish Item No.	Size DN/OD		Dimension				
				A		B		
		Inch	mm	Inch	mm	Inch	mm	
PL	PM							B7WWW (3A)
9634-000619	9634-000628	1/2	12.7	1.88	47.6			<p>TD 321-018</p>
9634-000620	9634-000629	3/4	19.0	2.00	50.8			
9634-000621	9634-000630	1	25.4	2.13	54.0			
9634-000622	9634-000631	1 1/2	38.1	2.38	60.3			
9634-000623	9634-000632	2	50.8	2.88	73.0			
9634-000624	9634-000633	2 1/2	63.5	3.13	79.4			
9634-000625	9634-000634	3	76.2	3.38	85.7			
9634-000626	9634-000635	4	101.6	4.13	104.8			
9634-000627	9634-000636	6	152.4	5.63	142.9			
PL	PM							B7WWM (3A)
9634-039519	9634-039528	1/2	12.7	1.88	47.6	2.38	60.3	<p>TD 321-019</p>
9634-039520	9634-039529	3/4	19.0	2.00	50.8	2.50	63.5	
9634-039521	9634-039530	1	25.4	2.13	54.0	2.63	66.7	
9634-039522	9634-039531	1 1/2	38.1	2.38	60.3	2.88	73.0	
9634-039523	9634-039532	2	50.8	2.88	73.0	3.38	85.7	
9634-039524	9634-039533	2 1/2	63.5	3.13	79.4	3.63	92.1	
9634-039525	9634-039534	3	76.2	3.38	85.7	3.88	98.4	
9634-039526	9634-039535	4	101.6	4.13	104.8	4.75	120.7	
PL	PM							B7WWS (3A)
9634-002619	9634-002628	1/2	12.7	1.88	47.6	1.00	25.4	<p>TD 321-044</p>
9634-002620	9634-002629	3/4	19.0	2.00	50.8	1.13	28.6	
9634-002621	9634-002630	1	25.4	2.13	54.0	1.13	28.6	
9634-002622	9634-002631	1 1/2	38.1	2.38	60.3	1.38	34.9	
9634-002623	9634-002632	2	50.8	2.88	73.0	1.63	41.3	
9634-002624	9634-002633	2 1/2	63.5	3.13	79.4	1.88	47.6	
9634-002625	9634-002634	3	76.2	3.38	85.7	2.13	54.0	
9634-002626	9634-002635	4	101.6	4.13	104.8	2.75	69.9	
9634-002627	9634-002636	6	152.4	5.63	142.9	4.63	117.6	
PL	PM							B7WMSW (3A)
9634-037719	9634-037728	1/2	12.7	0.88	22.4	1.88	47.6	<p>TD 321-045</p>
9634-037720	9634-037729	3/4	19.0	1.00	25.4	2.00	50.8	
9634-037721	9634-037730	1	25.4	1.13	28.5	2.13	54.0	
9634-037722	9634-037731	1 1/2	38.1	1.38	35.1	2.38	60.3	
9634-037723	9634-037732	2	50.8	1.63	41.2	2.88	73.0	
9634-037724	9634-037733	2 1/2	63.5	1.88	47.8	3.13	79.4	
9634-037725	9634-037734	3	76.2	2.13	53.9	3.38	85.7	
9634-037726	9634-037735	4	101.6	2.75	69.9	4.13	104.8	

Material: 316L
Product code: 5029/AA

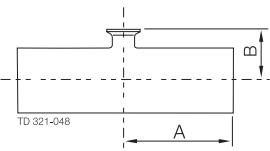
Finish Item No.	Finish Item No.	Size DN/OD		Dimension				B7RWWW (3A)
				A		B		
PL	PM	Inch	mm	Inch	mm	Inch	mm	
9634-001043	9634-001064	¾ x ½	19.0 x 12.7	2.00	50.8	2.00	50.8	
9634-001044	9634-001065	1 x ½	25.4 x 12.7	2.13	54.0	2.13	54.0	
9634-001045	9634-001066	1 x ¾	25.4 x 19.0	2.13	54.0	2.13	54.0	
9634-001046	9634-001067	1½ x ½	38.1 x 12.7	2.38	60.3	2.38	60.3	
9634-001047	9634-001068	1½ x ¾	38.1 x 19.0	2.38	60.3	2.38	60.3	
9634-001048	9634-001069	1½ x 1	38.1 x 25.4	2.38	60.3	2.38	60.3	
9634-001049	9634-001070	2 x ½	50.8 x 12.7	2.88	73.0	2.63	66.7	
9634-001050	9634-001071	2 x ¾	50.8 x 19.0	2.88	73.0	2.63	66.7	
9634-001051	9634-001072	2 x 1	50.8 x 25.4	2.88	73.0	2.63	66.7	
9634-001052	9634-001073	2 x 1½	50.8 x 38.1	2.88	73.0	2.63	66.7	
9634-001053	9634-001074	2½ x ½	63.5 x 12.7	3.13	79.4	2.88	73.0	
9634-001054	9634-001075	2½ x ¾	63.5 x 19.0	3.13	79.4	2.88	73.0	
9634-001055	9634-001076	2½ x 1	63.5 x 25.4	3.13	79.4	2.88	73.0	
9634-001056	9634-001077	2½ x 1½	63.5 x 38.1	3.13	79.4	2.88	73.0	
9634-001057	9634-001078	2½ x 2	63.5 x 50.8	3.13	79.4	2.88	73.0	
9634-001058	9634-001079	3 x ½	76.2 x 12.7	3.38	85.7	3.13	79.4	
9634-001059	9634-001080	3 x ¾	76.2 x 19.0	3.38	85.7	3.13	79.4	
9634-001060	9634-001081	3 x 1	76.2 x 25.4	3.38	85.7	3.13	79.4	
9634-001061	9634-001082	3 x 1½	76.2 x 38.1	3.38	85.7	3.13	79.4	
9634-001062	9634-001083	3 x 2	76.2 x 50.8	3.38	85.7	3.13	79.4	
9634-001063	9634-001084	3 x 2½	76.2 x 63.5	3.38	85.7	3.13	79.4	
9634-001117	9634-001125	4 x ½	101.6 x 12.7	4.13	104.8	3.63	92.1	
9634-001118	9634-001126	4 x ¾	101.6 x 19.0	4.13	104.8	3.63	92.1	
9634-001119	9634-001127	4 x 1	101.6 x 25.4	4.13	104.8	3.63	92.1	
9634-001120	9634-001128	4 x 1½	101.6 x 38.1	4.13	104.8	3.63	92.1	
9634-001121	9634-001129	4 x 2	101.6 x 50.8	4.13	104.8	3.88	98.4	
9634-001122	9634-001130	4 x 2½	101.6 x 63.5	4.13	104.8	3.88	98.4	
9634-001123	9634-001131	4 x 3	101.6 x 76.2	4.13	104.8	3.88	98.4	
9613600783	9634048317	6 x 1	152.4 x 25.4	5.63	142.9	5.13	130.2	
9613-600784	9634-048318	6 x 1½	152.4 x 38.1	5.63	142.9	5.13	130.2	
9634-048312	9634-048319	6 x 2	152.4 x 50.8	5.63	142.9	5.13	130.2	
9635000170	9634048320	6 x 2½	152.4 x 63.5	5.63	142.9	5.13	130.2	
9613600785	9634-048321	6 x 3	152.4 x 76.2	5.63	142.9	5.13	130.2	
9634-001124	9634-001132	6 x 4	152.4 x 101.6	5.63	142.9	5.13	130.2	



Material: 316L
Product code: 5029/AA

Finish Item No.	Finish Item No.	Size DN/OD		Dimension				B7RWWM (3A)
				A		B		
PL	PM	Inch	mm	Inch	mm	Inch	mm	
9634-039943	9634-039964	¾ x ½	19.0 x 12.7	2.00	50.8	2.50	63.5	
9634-039944	9634-039965	1 x ½	25.4 x 12.7	2.13	54.0	2.63	66.7	
9634-039945	9634-039966	1 x ¾	25.4 x 19.0	2.13	54.0	2.63	66.7	
9634-039946	9634-039967	1½ x ½	38.1 x 12.7	2.38	60.3	2.88	73.0	
9634-039947	9634-039968	1½ x ¾	38.1 x 19.0	2.38	60.3	2.88	73.0	
9634-039948	9634-039969	1½ x 1	38.1 x 25.4	2.38	60.3	2.88	73.0	
9634-039949	9634-039970	2 x ½	50.8 x 12.7	2.88	73.0	3.13	79.4	
9634-039950	9634-039971	2 x ¾	50.8 x 19.0	2.88	73.0	3.13	79.4	
9634-039951	9634-039972	2 x 1	50.8 x 25.4	2.88	73.0	3.13	79.4	
9634-039952	9634-039973	2 x 1½	50.8 x 38.1	2.88	73.0	3.13	79.4	
9634-039955	9634-039976	2½ x 1	63.5 x 25.4	3.13	79.4	3.38	85.7	
9634-039956	9634-039977	2½ x 1½	63.5 x 38.1	3.13	79.4	3.38	85.7	
9634-039957	9634-039978	2½ x 2	63.5 x 50.8	3.13	79.4	3.38	85.7	
9634-039960	9634-039981	3 x 1	76.2 x 25.4	3.38	85.7	3.63	92.1	
9634-039961	9634-039982	3 x 1½	76.2 x 38.1	3.38	85.7	3.63	92.1	
9634-039962	9634-039983	3 x 2	76.2 x 50.8	3.38	85.7	3.63	92.1	
9634-039963	9634-039984	3 x 2½	76.2 x 63.5	3.38	85.7	3.63	92.1	
9634-040019	9634-040027	4 x 1	101.6 x 25.4	4.13	104.8	4.13	104.8	
9634-040020	9634-040028	4 x 1½	101.6 x 38.1	4.13	104.8	4.13	104.8	
9634-040021	9634-040029	4 x 2	101.6 x 50.8	4.13	104.8	4.38	111.1	
9634-040022	9634-040030	4 x 2½	101.6 x 63.5	4.13	104.8	4.38	111.1	
9634-040023	9634-040031	4 x 3	101.6 x 76.2	4.13	104.8	4.38	111.1	

Material: 316L
Product code: 5029/AA

Finish Item No.	Finish Item No.	Size DN/OD		Dimension				B7RWWMS (3A)
				A		B		
9634-002343	9634-002364	¾ x ½	19.0 x 12.7	2.00	50.8	1.00	25.4	
9634-002344	9634-002365	1 x ½	25.4 x 12.7	2.13	54.0	1.13	28.6	
9634-002345	9634-002366	1 x ¾	25.4 x 19.0	2.13	54.0	1.13	28.6	
9634-002346	9634-002367	1½ x ½	38.1 x 12.7	2.38	60.3	1.38	34.9	
9634-002347	9634-002368	1½ x ¾	38.1 x 19.0	2.38	60.3	1.38	34.9	
9634-002348	9634-002369	1½ x 1	38.1 x 25.4	2.38	60.3	1.38	34.9	
9634-002349	9634-002370	2 x ½	50.8 x 12.7	2.88	73.0	1.63	41.3	
9634-002350	9634-002371	2 x ¾	50.8 x 19.0	2.88	73.0	1.63	41.3	
9634-002351	9634-002372	2 x 1	50.8 x 25.4	2.88	73.0	1.63	41.3	
9634-002352	9634-002373	2 x 1½	50.8 x 38.1	2.88	73.0	1.63	41.3	
9634-002353	9634-002374	2½ x ½	63.5 x 12.7	3.13	79.4	1.88	47.6	
9634-002354	9634-002375	2½ x ¾	63.5 x 19.0	3.13	79.4	1.88	47.6	
9634-002355	9634-002376	2½ x 1	63.5 x 25.4	3.13	79.4	1.88	47.6	
9634-002356	9634-002377	2½ x 1½	63.5 x 38.1	3.13	79.4	1.88	47.6	
9634-002357	9634-002378	2½ x 2	63.5 x 50.8	3.13	79.4	1.88	47.6	
9634-002358	9634-002379	3 x ½	76.2 x 12.7	3.38	85.7	2.13	54.0	
9634-002359	9634-002380	3 x ¾	76.2 x 19.0	3.38	85.7	2.13	54.0	
9634-002360	9634-002381	3 x 1	76.2 x 25.4	3.38	85.7	2.13	54.0	
9634-002361	9634-002382	3 x 1½	76.2 x 38.1	3.38	85.7	2.13	54.0	
9634-002362	9634-002383	3 x 2	76.2 x 50.8	3.38	85.7	2.13	54.0	
9634-002363	9634-002384	3 x 2½	76.2 x 63.5	3.38	85.7	2.13	54.0	
9634-002417	9634-002425	4 x ½	101.6 x 12.7	4.13	104.8	2.63	66.7	
9634-002418	9634-002426	4 x ¾	101.6 x 19.0	4.13	104.8	2.63	66.7	
9634-002419	9634-002427	4 x 1	101.6 x 25.4	4.13	104.8	2.63	66.7	
9634-002420	9634-002428	4 x 1½	101.6 x 38.1	4.13	104.8	2.63	66.7	
9634-002421	9634-002429	4 x 2	101.6 x 50.8	4.13	104.8	2.63	66.7	
9634-002422	9634-002430	4 x 2½	101.6 x 63.5	4.13	104.8	2.63	66.7	
9634-002423	9634-002431	4 x 3	101.6 x 76.2	4.13	104.8	2.63	66.7	
9634048710	9634048717	6 x 1	152.4 x 25.4	5.63	142.9	3.75	95.3	
9634048711	9634048718	6 x 1½	152.4 x 38.1	5.63	142.9	3.75	95.3	
9634048712	9634048719	6 x 2	152.4 x 50.8	5.63	142.9	3.75	95.3	
9635000169	9634048720	6 x 2½	152.4 x 63.5	5.63	142.9	3.75	95.3	
9634048714	9634048721	6 x 3	152.4 x 76.2	5.63	142.9	3.75	95.3	
9634002424	9634002432	6 x 4	152.4 x 101.6	5.63	142.9	3.75	95.3	

Material: 316L
Product code: 5029/AA

Finish Item No.	Finish Item No.	Size DN/OD		Dimension				B7IWWMS (3A)
				A		B		
PL	PM	Inch	mm	Inch	mm	Inch	mm	
241737	241751	1/2 x 1 1/2	12.7 x 38.1	2.50	63.5	0.88	22.2	
241738	242082	1/2 x 2	12.7 x 50.8	2.75	69.8	1.00	25.4	
241739	241870	3/4 x 1 1/2	19.0 x 38.1	2.50	63.5	1.00	25.4	
241740	242083	3/4 x 2	19.0 x 50.8	2.75	69.8	1.13	28.6	
241741	241753	1 x 1 1/2	25.4 x 38.1	2.50	63.5	1.13	28.6	
241742	241898	1 x 2	25.4 x 50.8	2.75	69.8	1.25	31.7	
241743	241869	1 1/2 x 2	38.1 x 50.8	2.75	69.8	1.50	38.1	

Material: 316L
Product code: 5029/AA

Finish Item No.	Finish Item No.	Size DN/OD		Dimension A		B9WWWW (3A)
		Inch	mm	Inch	mm	
9634-000819	9634-000828	½	12.7	1.88	47.6	<p>Technical drawing of a cross fitting. It shows a cross shape with four arms. Dashed lines indicate the centerlines. A vertical dimension line on the right side is labeled 'A'. A small '3A' symbol is located in the bottom right arm. The drawing is labeled 'B9WWWW (3A)' and 'TD 321-023'.</p>
9634-000820	9634-000829	¾	19.0	2.00	50.8	
9634-000821	9634-000830	1	25.4	2.13	54.0	
9634-000822	9634-000831	1½	38.1	2.38	60.3	
9634-000823	9634-000832	2	50.8	2.88	73.0	
9634-000824	9634-000833	2½	63.5	3.13	79.4	
9634-000825	9634-000834	3	76.2	3.38	85.7	
9634-000826	9634-000835	4	101.6	4.13	104.8	

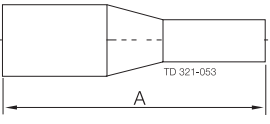
Material: 316L
Product code: 5029/AA

Finish Item No.	Finish Item No.	Size DN/OD		Dimension				B9RWWWW (3A)
				A		B		
PL	PM	Inch	mm	Inch	mm	Inch	mm	
9634-040143	9634-040164	¾ x ½	19.0 x 12.7	2.00	50.8	2.00	50.8	
9634-040144	9634-040165	1 x ½	25.4 x 12.7	2.13	54.0	2.13	54.0	
9634-040145	9634-040166	1 x ¾	25.4 x 19.0	2.13	54.0	2.13	54.0	
9634-040146	9634-040167	1½ x ½	38.1 x 12.7	2.38	60.3	2.38	60.3	
9634-040147	9634-040168	1½ x ¾	38.1 x 19.0	2.38	60.3	2.38	60.3	
9634-040148	9634-040169	1½ x 1	38.1 x 25.4	2.38	60.3	2.38	60.3	
9634-040149	9634-040170	2 x ½	50.8 x 12.7	2.88	73.0	2.63	66.7	
9634-040150	9634-040171	2 x ¾	50.8 x 19.0	2.88	73.0	2.63	66.7	
9634-040151	9634-040172	2 x 1	50.8 x 25.4	2.88	73.0	2.63	66.7	
9634-040152	9634-040173	2 x 1½	50.8 x 38.1	2.88	73.0	2.63	66.7	
9634-040155	9634-040176	2½ x 1	63.5 x 25.4	3.13	79.4	2.88	73.0	
9634-040156	9634-040177	2½ x 1½	63.5 x 38.1	3.13	79.4	2.88	73.0	
9634-040157	9634-040178	2½ x 2	63.5 x 50.8	3.13	79.4	2.88	73.0	
9634-040160	9634-040181	3 x 1	76.2 x 25.4	3.38	85.7	3.13	79.4	
9634-040161	9634-040182	3 x 1½	76.2 x 38.1	3.38	85.7	3.13	79.4	
9634-040162	9634-040183	3 x 2	76.2 x 50.8	3.38	85.7	3.13	79.4	
9634-040163	9634-040184	3 x 2½	76.2 x 63.5	3.38	85.7	3.13	79.4	
9634-040219	9634-040227	4 x 1	101.6 x 25.4	4.13	104.8	3.63	92.1	
9634-040220	9634-040228	4 x 1½	101.6 x 38.1	4.13	104.8	3.63	92.1	
9634-040221	9634-040229	4 x 2	101.6 x 50.8	4.13	104.8	3.88	98.4	
9634-040222	9634-040230	4 x 2½	101.6 x 63.5	4.13	104.8	3.88	98.4	
9634-040223	9634-040231	4 x 3	101.6 x 76.2	4.13	104.8	3.88	98.4	

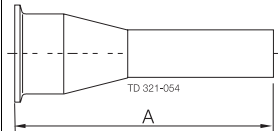
Material: 316L
Product code: 5056/Al

Finish Item No.	Finish Item No.	Size DN/OD		Dimension A		B16W (3A)
		Inch	mm	Inch	mm	
Not available	247020	1/2	12.7	1.69	42.9	
Not available	247024	3/4	19.0	1.69	42.9	
241546	242099	1	25.4	1.69	42.9	
241678	242100	1 1/2	38.1	1.92	48.8	
241681	242101	2	50.8	2.04	51.8	
242104	242102	2 1/2	63.5	2.02	51.3	
241683	242105	3	76.2	2.50	63.5	
241221	242103	4	101.6	3.70	94.0	
9635000195	Contact AL	6	152.4	4.02	102.1	

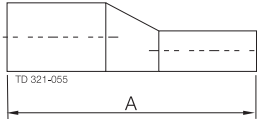
Material: 316L
Product code: 5069/AG

Finish Item No.	Finish Item No.	Size DN/OD		Dimension A		B31 (3A)
		Inch	mm	Inch	mm	
9634-001701	9634-001726	¾ x ½	19.0 x 12.7	4.00	101.6	
9634-001702	9634-001727	1 x ½	25.4 x 12.7	4.50	114.3	
9634-001703	9634-001728	1 x ¾	25.4 x 19.0	4.00	101.6	
9634-001704	9634-001729	1½ x ½	38.1 x 12.7	5.50	139.7	
9634-001705	9634-001730	1½ x ¾	38.1 x 19.0	5.00	127.0	
9634-001706	9634-001731	1½ x 1	38.1 x 25.4	5.00	127.0	
9634-001708	9634-001733	2 x ¾	50.8 x 19.0	7.25	184.2	
9634-001709	9634-001734	2 x 1	50.8 x 25.4	7.25	184.2	
9634-001710	9634-001735	2 x 1½	50.8 x 38.1	5.25	133.4	
9634-001714	9634-001739	2½ x 1½	63.5 x 38.1	7.25	184.2	
9634-001715	9634-001740	2½ x 2	63.5 x 50.8	5.50	139.7	
9634-001717	9634-001742	3 x 1½	76.2 x 38.1	9.25	235.0	
9634-001718	9634-001743	3 x 2	76.2 x 50.8	7.50	190.5	
9634-001719	9634-001744	3 x 2½	76.2 x 63.5	5.50	139.7	
9634-001722	9634-001747	4 x 2	101.6 x 50.8	11.75	298.4	
9634-001723	9634-001748	4 x 2½	101.6 x 63.5	9.75	247.7	
9634-001724	9634-001749	4 x 3	101.6 x 76.2	7.75	196.9	
9634-050058	9634-050059	6 x 3	152.4 x 76.2	10.00	254.0	
9634-001725	9634-001750	6 x 4	152.4 x 101.6	10.00	254.0	

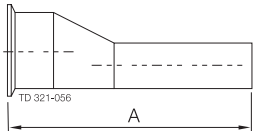
Material: 316L
Product code: 5069/AG

Finish Item No.	Finish Item No.	Size DN/OD		Dimension A		B31M (3A)
		Inch	mm	Inch	mm	
9634-038701	9634-038726	¾ x ½	19.0 x 12.7	3.00	76.2	
9634-038702	9634-038727	1 x ½	25.4 x 12.7	3.50	88.9	
9634-038703	9634-038728	1 x ¾	25.4 x 19.0	3.00	76.2	
9634-038704	9634-038729	1½ x ½	38.1 x 12.7	4.50	114.3	
9634-038705	9634-038730	1½ x ¾	38.1 x 19.0	4.00	101.6	
9634-038706	9634-038731	1½ x 1	38.1 x 25.4	4.00	101.6	
9634-038709	9634-038734	2 x 1	50.8 x 25.4	6.00	152.4	
9634-038710	9634-038735	2 x 1½	50.8 x 38.1	4.00	101.6	
9634-038714	9634-038739	2½ x 1½	63.5 x 38.1	6.00	152.4	
9634-038715	9634-038740	2½ x 2	63.5 x 50.8	4.25	108.0	
9634-038717	9634-038742	3 x 1½	76.2 x 38.1	8.00	203.2	
9634-038718	9634-038743	3 x 2	76.2 x 50.8	6.25	158.8	
9634-038719	9634-038744	3 x 2½	76.2 x 63.5	4.25	108.0	
9634-038722	9634-038747	4 x 2	101.6 x 50.8	10.38	263.5	
9634-038723	9634-038748	4 x 2½	101.6 x 63.5	8.38	212.7	
9634-038724	9634-038749	4 x 3	101.6 x 76.2	6.38	161.9	

Material: 316L
Product code: 5069/AG

Finish Item No.	Finish Item No.	Size DN/OD		Dimension A		B32 (3A)
		Inch	mm	Inch	mm	
9634-039401	9634-039426	¾ x ½	19.0 x 12.7	4.00	101.6	 <p>TD 321-055</p>
9634-039402	9634-039427	1 x ½	25.4 x 12.7	4.50	114.3	
9634-039403	9634-039428	1 x ¾	25.4 x 19.0	4.00	101.6	
9634-039404	9634-039429	1½ x ½	38.1 x 12.7	5.50	139.7	
9634-039405	9634-039430	1½ x ¾	38.1 x 19.0	5.00	127.0	
9634-039406	9634-039431	1½ x 1	38.1 x 25.4	5.00	127.0	
9634-039409	9634-039434	2 x 1	50.8 x 25.4	7.25	184.2	
9634-039410	9634-039435	2 x 1½	50.8 x 38.1	5.25	133.4	
9634-039414	9634-039439	2½ x 1½	63.5 x 38.1	7.25	184.2	
9634-039415	9634-039440	2½ x 2	63.5 x 50.8	5.50	139.7	
9634-039417	9634-039442	3 x 1½	76.2 x 38.1	9.25	235.0	
9634-039418	9634-039443	3 x 2	76.2 x 50.8	7.50	190.5	
9634-039419	9634-039444	3 x 2½	76.2 x 63.5	5.50	139.7	
9634-039422	9634-039447	4 x 2	101.6 x 50.8	11.75	298.4	
9634-039423	9634-039448	4 x 2½	101.6 x 63.5	9.75	247.7	
9634-039424	9634-039449	4 x 3	101.6 x 76.2	7.75	196.9	
9635-000182	9634-039452	6 x 3	152.4 x 76.2	9.75	247.7	
9634-039425	9634-039450	6 x 4	152.4 x 101.6	10.00	254.0	

Material: 316L
Product code: 5069/AG

Finish Item No.	Finish Item No.	Size DN/OD		Dimension A		B32M (3A)
		Inch	mm	Inch	mm	
9634-039001	9634-039026	¾ x ½	19.0 x 12.7	3.00	76.2	
9634-039002	9634-039027	1 x ½	25.4 x 12.7	3.50	88.9	
9634-039003	9634-039028	1 x ¾	25.4 x 19.0	3.00	76.2	
9634-039004	9634-039029	1½ x ½	38.1 x 12.7	4.50	114.3	
9634-039005	9634-039030	1½ x ¾	38.1 x 19.0	4.00	101.6	
9634-039006	9634-039031	1½ x 1	38.1 x 25.4	4.00	101.6	
9634-039009	9634-039034	2 x 1	50.8 x 25.4	6.00	152.4	
9634-039010	9634-039035	2 x 1½	50.8 x 38.1	4.00	101.6	
9634-039014	9634-039039	2½ x 1½	63.5 x 38.1	6.00	152.4	
9634-039015	9634-039040	2½ x 2	63.5 x 50.8	4.25	108.0	
9634-039017	9634-039042	3 x 1½	76.2 x 38.1	8.00	203.2	
9634-039018	9634-039043	3 x 2	76.2 x 50.8	6.25	158.8	
9634-039019	9634-039044	3 x 2½	76.2 x 63.5	4.25	108.0	
9634-039022	9634-039047	4 x 2	101.6 x 50.8	10.38	263.5	
9634-039023	9634-039048	4 x 2½	101.6 x 63.5	8.38	212.7	
9634-039024	9634-039049	4 x 3	101.6 x 76.2	6.38	161.9	