



Int. finishing: $Ra \leq 0,4 \mu m$
Ext. finishing: $Ra \leq 0,8 \mu m$ Mirror Polished

Max Working Conditions:
10 bar (120 psi) and 150°C (300°F)

Gaskets:
FDA approved PTFE
or **USP CLASS VI - 121° PTFE**

ASTM A270 - Tri-Clamp

Size	Ø A	Ø B	Ø DN	L	Valve Material	Gasket Material	Code
3/4"	25,00	15,75	7,00	101,60	1.4404	PTFE - FDA	049Z60075PTF
						PTFE USP 121	049Z60075PT121
					1.4435-BN2	PTFE - FDA	049Z50075PTF
						PTFE USP 121	049Z50075PT121
1"	50,40	22,10	9,00	114,30	1.4404	PTFE - FDA	049Z60100PTF
						PTFE USP 121	049Z60100PT121
					1.4435-BN2	PTFE - FDA	049Z50100PTF
						PTFE USP 121	049Z50100PT121
1.1/2"	50,40	34,80	11,50	139,70	1.4404	PTFE - FDA	049Z60150PTF
						PTFE USP 121	049Z60150PT121
					1.4435-BN2	PTFE - FDA	049Z50150PTF
						PTFE USP 121	049Z50150PT121
2"	63,90	47,50	17,00	158,80	1.4404	PTFE - FDA	049Z60200PTF
						PTFE USP 121	049Z60200PT121
					1.4435-BN2	PTFE - FDA	049Z50200PTF
						PTFE USP 121	049Z50200PT121
2.1/2"	77,50	60,20	27,50	212,00	1.4404	PTFE - FDA	049Z60250PTF
						PTFE USP 121	049Z60250PT121
					1.4435-BN2	PTFE - FDA	049Z50250PTF
						PTFE USP 121	049Z50250PT121



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ASTM A270 - Butt Weld

Size	Ø A	Ø B	Ø DN	L	Valve Material	Gasket Material	Code
3/4"	19,05	15,75	7,00	101,60	1.4404	PTFE - FDA	049W60075PTF
						PTFE USP 121	049W60075PT121
					1.4435-BN2	PTFE - FDA	049W50075PTF
						PTFE USP 121	049W50075PT121
1"	25,40	22,10	9,00	114,30	1.4404	PTFE - FDA	049W60100PTF
						PTFE USP 121	049W60100PT121
					1.4435-BN2	PTFE - FDA	049W50100PTF
						PTFE USP 121	049W50100PT121
1.1/2"	38,10	34,80	11,50	139,70	1.4404	PTFE - FDA	049W60150PTF
						PTFE USP 121	049W60150PT121
					1.4435-BN2	PTFE - FDA	049W50150PTF
						PTFE USP 121	049W50150PT121
2"	50,80	47,50	17,00	158,80	1.4404	PTFE - FDA	049W60200PTF
						PTFE USP 121	049W60200PT121
					1.4435-BN2	PTFE - FDA	049W50200PTF
						PTFE USP 121	049W50200PT121
2.1/2"	63,50	60,20	27,50	170,00	1.4404	PTFE - FDA	049W60250PTF
						PTFE USP 121	049W60250PT121
					1.4435-BN2	PTFE - FDA	049W50250PTF
						PTFE USP 121	049W50250PT121

Part list

Tri-Clamp		Butt Weld		N°	Name	Material
				1	Body	AISI 316L
				2	Rod Valve Guide	AISI 316L
				3	Rod Working Valve	AISI 316L
				4	Cap	AISI 316L
				5	Gasket	PTFE *
				6	Ring	AISI 316L
				7	Handle	Bakelite
				8	Washer	AISI 304
				9	Nut	AISI 304
* FDA approved as standard						



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DIN 32676 - Tri-Clamp

Size	Ø A	Ø B	Ø DN	L	Valve Material	Gasket Material	Code
DN 15	34,00	16,00	7,00	87,00	1.4404	PTFE - FDA	049Z6D015PTF
						PTFE USP 121	049Z6D015PT121
					1.4435-BN2	PTFE - FDA	049Z5D015PTF
						PTFE USP 121	049Z5D015PT121
DN 20	34,00	20,00	7,00	87,00	1.4404	PTFE - FDA	049Z6D020PTF
						PTFE USP 121	049Z6D020PT121
					1.4435-BN2	PTFE - FDA	049Z5D020PTF
						PTFE USP 121	049Z5D020PT121
DN 25	50,40	26,00	9,00	114,30	1.4404	PTFE - FDA	049Z6D025PTF
						PTFE USP 121	049Z6D025PT121
					1.4435-BN2	PTFE - FDA	049Z5D025PTF
						PTFE USP 121	049Z5D025PT121
DN 32	50,40	32,00	11,50	139,70	1.4404	PTFE - FDA	049Z6D032PTF
						PTFE USP 121	049Z6D032PT121
					1.4435-BN2	PTFE - FDA	049Z5D032PTF
						PTFE USP 121	049Z5D032PT121
DN 40	50,40	38,00	11,50	139,70	1.4404	PTFE - FDA	049Z6D040PTF
						PTFE USP 121	049Z6D040PT121
					1.4435-BN2	PTFE - FDA	049Z5D040PTF
						PTFE USP 121	049Z5D040PT121



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DIN 32676 - Butt Weld

Size	Ø A	Ø B	Ø DN	L	Valve Material	Gasket Material	Code
DN 15	19,00	16,00	7,00	87,00	1.4404	PTFE - FDA	049W6D015PTF
						PTFE USP 121	049W6D015PT121
					1.4435-BN2	PTFE - FDA	049W5D015PTF
						PTFE USP 121	049W5D015PT121
DN 20	23,00	20,00	7,00	87,00	1.4404	PTFE - FDA	049W6D020PTF
						PTFE USP 121	049W6D020PT121
					1.4435-BN2	PTFE - FDA	049W5D020PTF
						PTFE USP 121	049W5D020PT121
DN 25	29,00	26,00	9,00	114,30	1.4404	PTFE - FDA	049W6D025PTF
						PTFE USP 121	049W6D025PT121
					1.4435-BN2	PTFE - FDA	049W5D025PTF
						PTFE USP 121	049W5D025PT121
DN 32	35,00	32,00	11,50	139,70	1.4404	PTFE - FDA	049W6D032PTF
						PTFE USP 121	049W6D032PT121
					1.4435-BN2	PTFE - FDA	049W5D032PTF
						PTFE USP 121	049W5D032PT121
DN 40	41,00	38,00	11,50	139,70	1.4404	PTFE - FDA	049W6D040PTF
						PTFE USP 121	049W6D040PT121
					1.4435-BN2	PTFE - FDA	049W5D040PTF
						PTFE USP 121	049W5D040PT121

Part list

	Tri-Clamp	Butt Weld	N°	Name	Material
			1	Body	AISI 316L
			2	Rod Valve Guide	AISI 316L
			3	Rod Working Valve	AISI 316L
			4	Cap	AISI 316L
			5	Gasket	PTFE *
			6	Ring	AISI 316L
			7	Handle	Bakelite
			8	Washer	AISI 304
			9	Nut	AISI 304
* FDA approved as standard					



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Gaskets:
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ISO 1127 - Tri-Clamp

Size	Ø A	Ø B	Ø DN	L	Valve Material	Gasket Material	Code
DN 15	34,00	17,30	7,00	87,00	1.4404	PTFE - FDA	049Z61015PTF
						PTFE USP 121	049Z61015PT121
					1.4435-BN2	PTFE - FDA	049Z51015PTF
						PTFE USP 121	049Z51015PT121
DN 20	50,40	22,90	9,00	114,30	1.4404	PTFE - FDA	049Z61020PTF
						PTFE USP 121	049Z61020PT121
					1.4435-BN2	PTFE - FDA	049Z51020PTF
						PTFE USP 121	049Z51020PT121
DN 25	50,40	29,70	9,00	114,30	1.4404	PTFE - FDA	049Z61025PTF
						PTFE USP 121	049Z61025PT121
					1.4435-BN2	PTFE - FDA	049Z51025PTF
						PTFE USP 121	049Z51025PT121
DN 32	50,40	38,40	11,50	139,70	1.4404	PTFE - FDA	049Z61032PTF
						PTFE USP 121	049Z61032PT121
					1.4435-BN2	PTFE - FDA	049Z51032PTF
						PTFE USP 121	049Z51032PT121
DN 40	64,00	44,30	11,50	139,70	1.4404	PTFE - FDA	049Z61040PTF
						PTFE USP 121	049Z61040PT121
					1.4435-BN2	PTFE - FDA	049Z51040PTF
						PTFE USP 121	049Z51040PT121

ISO 1127 - Butt Weld

Size	Ø A	Ø B	Ø IN	L	Valve Material	Gasket Material	Code
IN 15	21,30	17,30	7,00	87,00	1.4404	PTFE - FIA	049W61015PTF
						PTFE USP 121	049W61015PT121
					1.4435-BN2	PTFE - FDA	049W51015PTF
						PTFE USP 121	049W51015PT121
DN 20	26,90	22,90	9,00	114,30	1.4404	PTFE - FDA	049W61020PTF
						PTFE USP 121	049W61020PT121
					1.4435-BN2	PTFE - FDA	049W51020PTF
						PTFE USP 121	049W51020PT121
DN 25	33,70	29,70	9,00	114,30	1.4404	PTFE - FDA	049W61025PTF
						PTFE USP 121	049W61025PT121
					1.4435-BN2	PTFE - FDA	049W51025PTF
						PTFE USP 121	049W51025PT121
DN 32	42,40	38,40	11,50	139,70	1.4404	PTFE - FDA	049W61032PTF
						PTFE USP 121	049W61032PT121
					1.4435-BN2	PTFE - FDA	049W51032PTF
						PTFE USP 121	049W51032PT121
DN 40	48,30	44,30	11,50	139,70	1.4404	PTFE - FDA	049W61040PTF
						PTFE USP 121	049W61040PT121
					1.4435-BN2	PTFE - FDA	049W51040PTF
						PTFE USP 121	049W51040PT121



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Gaskets:
FDA approved PTFE
or **USP CLASS VI - 121° PTFE**

Part list

Tri-Clamp		Butt Weld		N°	Name	Material
		1	Body	AISI 316L		
		2	Rod Valve Guide	AISI 316L		
		3	Rod Working Valve	AISI 316L		
		4	Cap	AISI 316L		
		5	Gasket	PTFE *		
		6	Ring	AISI 316L		
		7	Handle	Bakelite		
		8	Washer	AISI 304		
		9	Nut	AISI 304		
* FDA approved as standard						

N°	Description	ASTM A270	ASTM A270 W	DIN 32676-11850/2	DIN 32676-11850/2 W	ISO 1127	ISO 1127 W	Code
4	Cap - n° 1 pcs	3/4"	3/4"	DN15	DN15	DN15	DN15	0496007504
		1"	1"	DN20	DN20	DN20	DN20	0496010004
		1.1/2"	1.1/2"	DN25	DN25	DN25	DN25	0496015004
		2"	2"	DN32	DN32	DN32	DN32	0496020004
		2.1/2"	2.1/2"	DN40	DN40	DN40	DN40	0496025004
5	PTFE FDA Gasket - n° 2 pcs	3/4"	3/4"	DN15	DN15	DN15	DN15	049X007505PTF
		1"	1"	DN20	DN20	DN20	DN20	049X010005PTF
		1.1/2"	1.1/2"	DN25	DN25	DN25	DN25	049X015005PTF
		2"	2"	DN32	DN32	DN32	DN32	049X020005PTF
		2.1/2"	2.1/2"	DN40	DN40	DN40	DN40	049X025005PTF
5	PTFE USP 121° Gasket - n° 2 pcs	3/4"	3/4"	DN15	DN15	DN15	DN15	049X007505PT121
		1"	1"	DN20	DN20	DN20	DN20	049X010005PT121
		1.1/2"	1.1/2"	DN25	DN25	DN25	DN25	049X015005PT121
		2"	2"	DN32	DN32	DN32	DN32	049X020005PT121
		2.1/2"	2.1/2"	DN40	DN40	DN40	DN40	049X025005PT121
6	Ring - n° 2 pcs	3/4"	3/4"	DN15	DN15	DN15	DN15	0496007506
		1"	1"	DN20	DN20	DN20	DN20	0496010006
		1.1/2"	1.1/2"	DN25	DN25	DN25	DN25	0496015006
		2"	2"	DN32	DN32	DN32	DN32	0496020006
		2.1/2"	2.1/2"	DN40	DN40	DN40	DN40	0496025006
7	Handle - n° 1 pcs	3/4"	3/4"	DN15	DN15	DN15	DN15	049X007507
		1"	1"	DN20	DN20	DN20	DN20	049X010007
		1.1/2"	1.1/2"	DN25	DN25	DN25	DN25	049X015007
		2"	2"	DN32	DN32	DN32	DN32	049X020007
		2.1/2"	2.1/2"	DN40	DN40	DN40	DN40	049X025007
8	Washer - n° 5 pcs	3/4"	3/4"	DN15	DN15	DN15	DN15	0494007508
		1"	1"	DN20	DN20	DN20	DN20	0494010008
		1.1/2"	1.1/2"	DN25	DN25	DN25	DN25	0494015008
		2"	2"	DN32	DN32	DN32	DN32	0494020008
		2.1/2"	2.1/2"	DN40	DN40	DN40	DN40	0494025008
9	Nut - n° 5 pcs	3/4"	3/4"	DN15	DN15	DN15	DN15	0494007509
		1"	1"	DN20	DN20	DN20	DN20	0494010009
		1.1/2"	1.1/2"	DN25	DN25	DN25	DN25	0494015009
		2"	2"	DN32	DN32	DN32	DN32	0494020009
		2.1/2"	2.1/2"	DN40	DN40	DN40	DN40	0494025009

Part list

Tri-Clamp		Butt Weld		N°	Name	Material
		1	Body	AISI 316L		
		2	Rod Valve Guide	AISI 316L		
		3	Rod Working Valve	AISI 316L		
		4	Cap	AISI 316L		
		5	Gasket	PTFE *		
		6	Ring	AISI 316L		
		7	Handle	Bakelite		
		8	Washer	AISI 304		
		9	Nut	AISI 304		
* FDA approved as standard						