

STAINLESS STEEL

rapid fittings



Find out our
key products



Solution for most applications



Easy and intuitive choice



Excellent value for money



Wide availability



Fast delivery



Stainless Steel rapid fittings

Main features and certifications

Stainless Steel rapid fittings. Available in different versions, threads and for different tube sizes.

Supplied conforming to Reach and RoHS directives. Lubricated with synthetic grease long lasting and fully composed by non-toxic elements conforming to FDA Directive section 21 CFR 178 about accidental contact with food (registered NSF H1).



Series CX

from page 5.304.10



Series of stainless steel rapid fittings, with reduced dimensions, for connecting PTFE tubes, suitable for applications with high temperatures or aggressive fluids. Available in different configurations, with taper BSPT threads and BSP, in various sizes.

Stainless Steel rapid fittings

Series CX



Code key

Series	Type*	Tube Diameter*	Thread (or Tube Diameter 2)*
CX	11	08	18
CX	11, 14, 13, 15, 16, 18, 19, 20, 21, 27	06 = Ø 6 - 4 08 = Ø 8 - 6 10 = Ø 10 - 8 12 = Ø 12 - 10	18 = 1/8" 14 = 1/4" 38 = 3/8" 12 = 1/2"

How to order

Series	Type	Ø Tube	Thread
CX	11	08	18

Notes

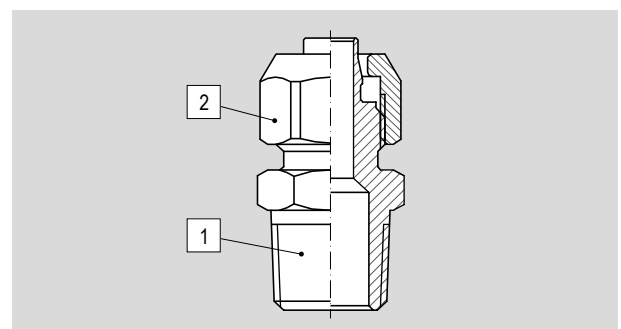
*For matching between fitting type, tube diameter and thread, see from page 5.304.11; for the specific type, see the following pages.

For standard materials see the table below

Technical data

Version	Series CX	
Fluid	All fluids compatible with stainless steel	
Maximum pressure	25 bar	
Vacuum	-99 KPa	
Temperature range	-40°C ÷ +250°C	
Parallel threads	UNI - ISO 228 / 1 (BSP)	
Taper threads	UNI EN 10226-1 (BSPT)	
Tubes	PTFE (suggested)	
Tubes tolerance	Ø 6 ÷ Ø 10	±0,7 mm
	Ø 12	±0,1 mm

Standard materials



Position	Description	Material
1	Body	Stainless Steel AISI 316L
2	Nut	Stainless Steel AISI 316L
-	Seals*	FKM (according to FDA)

*Where present

Stainless Steel rapid fittings

Series CX



Fittings series CX

Type			Taper threads (BSPT)	Parallel threads (BSP)	For tube Ø mm	Data sheet and code page
CX11	BSPT stud		1/8", 1/4", 3/8", 1/2"	-	6-4, 8-6, 10-12, 12-10	5.304.12
CX13	Female BSP stud		-	1/8", 1/4", 3/8", 1/2"	6-4, 8-6, 10-12, 12-10	5.304.12
CX14	Union		-	-	6-4, 8-6, 10-12, 12-10	5.304.13
CX16	BSPT elbow		1/8", 1/4", 3/8", 1/2"	-	6-4, 8-6, 10-12, 12-10	5.304.13
CX15	BSPT swivel elbow		1/8", 1/4", 3/8"	-	6-4, 8-6, 10-12	5.304.14
CX18	Equal elbow		-	-	6-4, 8-6, 10-12, 12-10	5.304.14
CX19	Equal tee		-	-	6-4, 8-6, 10-12, 12-10	5.304.15
CX20	BSPT tee		1/8", 1/4", 3/8", 1/2"	-	6-4, 8-6, 10-12, 12-10	5.304.15
CX21	BSPT side tee		1/8", 1/4", 3/8", 1/2"	-	6-4, 8-6, 10-12, 12-10	5.304.16
CX27	Nut		-	-	6-4, 8-6, 10-12, 12-10	5.304.16

Matching thread/tube

Tube diameter (external)	Thread							
	G1/8"	G1/4"	G3/8"	G1/2"	R1/8"	R1/4"	R3/8"	R1/2"
Ø 6-4	●	●	-	-	●	●	-	-
Ø 8-6	●	●	●	-	●	●	-	-
Ø 10-8	-	●	●	-	-	●	●	-
Ø 12-10	-	-	●	●	-	●	●	●

Key

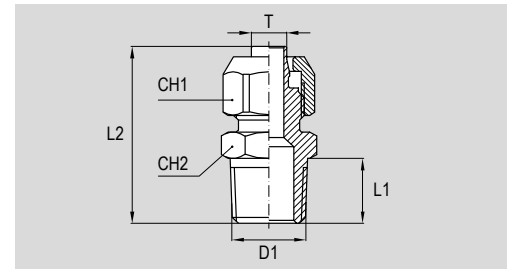
● available matching; - not available matching

Stainless Steel rapid fittings

Series CX

Main features

Type	Description
CX11	BSPT stud. In AISI 316L Stainless Steel.

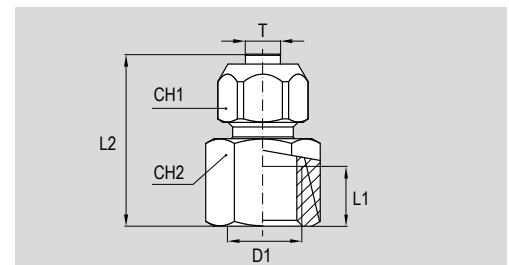


Dimensions

Code	Item	T (ØTube)	D1	L1	L2	CH1	CH2	Weight (g)
021560	CX110618	6-4	R1/8"	7,5	26	12	10	11,8
021561	CX110614	6-4	R1/4"	11	29,5	12	14	17,5
021562	CX110818	8-6	R1/8"	7,5	26,5	14	13	16,5
021563	CX110814	8-6	R1/4"	11	30	14	14	20,3
021564	CX111014	10-8	R1/4"	11	32,5	16	14	23,6
021565	CX111038	10-8	R3/8"	11,5	33	16	17	29,9
021594	CX111214	12-10	R1/4"	11	34	19	17	34,8
021595	CX111238	12-10	R3/8"	11,5	34,5	19	17	-
021596	CX111212	12-10	R1/2"	14	38	19	22	-

Main features

Type	Description
CX13	Female BSP stud. In AISI 316L Stainless Steel.



Dimensions

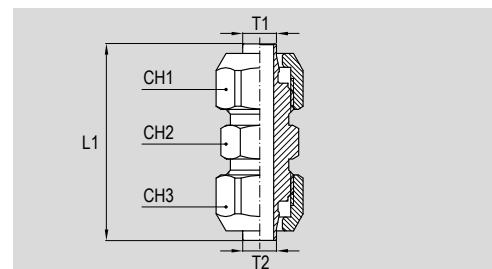
Code	Item	T (ØTube)	D1	L1	L2	CH1	CH2	Weight (g)
021597	CX130618	6-4	G1/8"	7	25	12	13	14,6
021598	CX130614	6-4	G1/4"	10	28,5	12	17	22,8
021599	CX130818	8-6	G1/8"	7	25,5	14	13	-
021612	CX130814	8-6	G1/4"	10	29,5	14	17	26,9
021613	CX130838	8-6	G3/8"	11	31	14	21	-
021614	CX131014	10-8	G1/4"	10	31,5	16	17	-
021615	CX131038	10-8	G3/8"	11	33	16	17	40,8
021616	CX131238	12-10	G3/8"	11	34,5	19	21	-
021617	CX131212	12-10	G1/2"	11	35	19	24	-

Stainless Steel rapid fittings

Series CX

Main features

Type	Description
CX14	Union. In AISI 316L Stainless Steel.

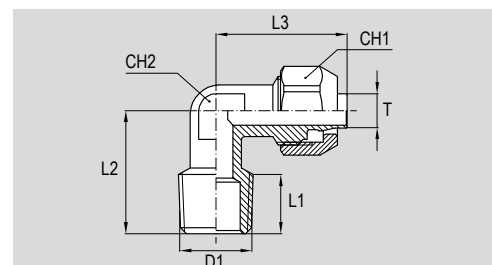


Dimensions

Code	Item	T1 (ØTube)	T2 (ØTube)	L1	CH1	CH2	CH3	Weight (g)
021566	CX140606	6-4	6-4	34	12	10	12	20
021567	CX140808	8-6	8-6	35	14	12	14	25,7
021618	CX140806	8-6	6-4	34,5	14	12	12	23,5
021568	CX141010	10-8	10-8	39	16	14	16	35,8
021619	CX141008	10-8	8-6	37	16	14	14	-
021620	CX141212	12-10	12-10	42	19	16	19	-
021621	CX141210	12-10	10-8	40,5	19	16	16	-

Main features

Type	Description
CX16	BSPT elbow. In AISI 316L Stainless Steel.



Dimensions

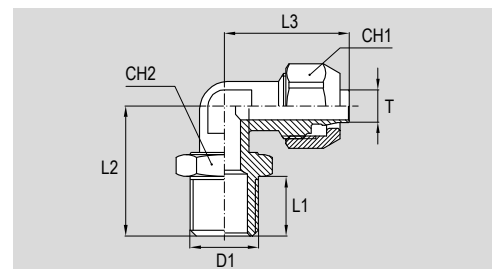
Code	Item	T (ØTube)	D1	L1	L2	L3	CH1	CH2	Weight (g)
021569	CX160618	6-4	R1/8"	6,5	17	23	12	10	16,6
021570	CX160614	6-4	R1/4"	10	21,5	23	12	10	20,5
021571	CX160818	8-6	R1/8"	6,5	17	23,5	14	10	17,6
021572	CX160814	8-6	R1/4"	10	21,5	23,5	14	10	21,1
021573	CX161014	10-8	R1/4"	9,5	21,5	26	16	12	29,5
021622	CX161038	10-8	R3/8"	11	24	26	16	12	-
021623	CX161238	12-10	R3/8"	12,6	35,5	30,5	19	17	-
021624	CX161212	12-10	R1/2"	13,5	30	33	19	19	-

Stainless Steel rapid fittings

Series CX

Main features

Type	Description
CX15	BSPT swivel elbow. In AISI 316L Stainless Steel.

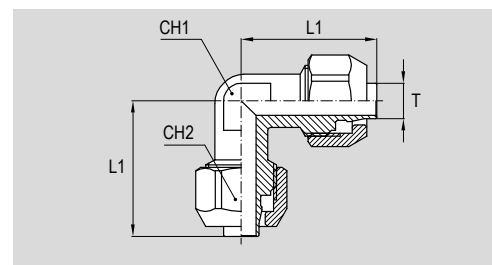


Dimensions

Code	Item	T (ØTube)	D1	L1	L2	L3	CH1	CH2	Weight (g)
021625	CX150618	6-4	R1/8"	7,5	20	21	12	13	-
021626	CX150614	6-4	R1/4"	11	24	21	12	14	-
021627	CX150818	8-6	R1/8"	7,5	20	21	14	13	-
021628	CX150814	8-6	R1/4"	11	24	21	14	14	-
021629	CX151014	10-8	R1/4"	11	25,5	24	16	14	-
021630	CX151038	10-8	R3/8"	11,5	26	24	16	17	-

Main features

Type	Description
CX18	Equal elbow. In AISI 316L Stainless Steel.



Dimensions

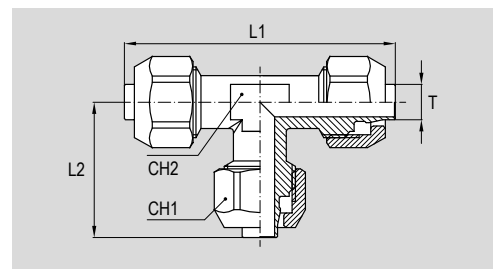
Code	Item	T (ØTube)	L1	CH1	CH2	Weight (g)
021574	CX180606	6-4	23	12	10	24,9
021575	CX180808	8-6	23,5	14	10	26,9
021576	CX181010	10-8	26	16	12	33,3
021631	CX181212	12-10	30	19	17	-

Stainless Steel rapid fittings

Series CX

Main features

Type	Description
CX19	Equal tee. In AISI 316L Stainless Steel.

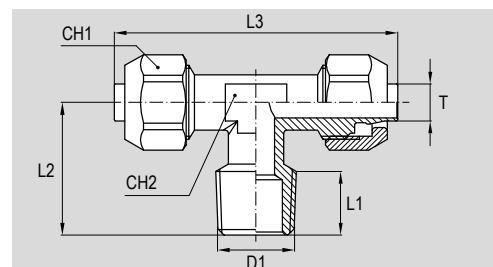


Dimensions

Code	Item	T (ØTube)	L1	L2	CH1	CH2	Weight (g)
021587	CX190606	6-4	46	23	12	10	36,4
021588	CX190808	8-6	46	23	14	10	39
021589	CX191010	10-8	52	26	16	12	47,6
021632	CX191212	12-10	60	30	19	17	-

Main features

Type	Description
CX20	BSPT tee. In AISI 316L Stainless Steel.



Dimensions

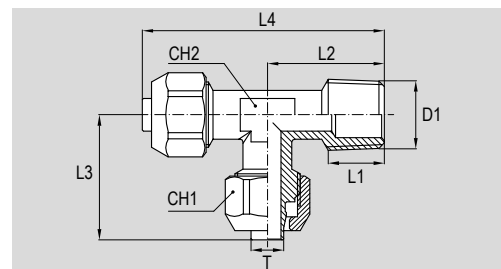
Code	Item	T (ØTube)	D1	L1	L2	L3	CH1	CH2	Weight (g)
021577	CX200618	6-4	R1/8"	6,5	17	46	12	10	29
021578	CX200614	6-4	R1/4"	9,5	21	46	12	10	31,6
021579	CX200818	8-6	R1/8"	6,5	17	46	14	10	30,3
021580	CX200814	8-6	R1/4"	10	21,5	46	14	10	33,7
021581	CX201014	10-8	R1/4"	9,5	21,5	52	16	12	39,7
021633	CX201038	10-8	R3/8"	11	24	52	16	12	-
021634	CX201238	12-10	R3/8"	12,6	60	52	19	17	-
021635	CX201212	12-10	R1/2"	13,9	60	52	19	17	-

Stainless Steel rapid fittings

Series CX

Main features

Type	Description
CX21	BSPT side tee. In AISI 316L Stainless Steel.

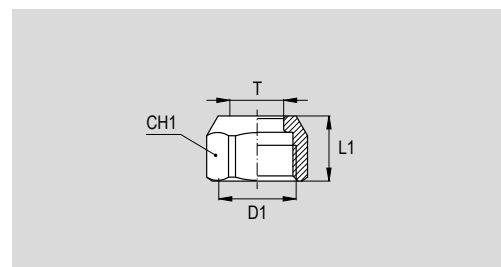


Dimensions

Code	Item	T (ØTube)	D1	L1	L2	L3	L4	CH1	CH2	Weight (g)
021582	CX210618	6-4	R1/8"	9,9	17	23	40	12	10	28,3
021583	CX210614	6-4	R1/4"	10	21,5	23	44,5	12	10	31,2
021584	CX210818	8-6	R1/8"	6,5	17	23	40	14	10	30,4
021585	CX210814	8-6	R1/4"	10	21,5	23	44,5	14	10	34,1
021586	CX211014	10-8	R1/4"	9,5	21,5	26	47,5	16	12	39,5
021636	CX211038	10-8	R3/8"	11	24	26	50	16	12	-
021637	CX211238	12-10	R3/8"	12,6	25,5	30	55,5	19	17	-
021638	CX211212	12-10	R1/2"	13,9	28	30	58	19	17	-

Main features

Type	Description
CX27	Nut. In AISI 316L Stainless Steel.



Dimensions

Code	Item	T (ØTube)	D1	L1	CH1	Weight (g)
021590	CX270610	6-4	M10x1	10	12	4,4
021591	CX270812	8-6	M12x1	10	14	5,5
021592	CX271014	10-8	M14x1	11	16	7
021639	CX271216	12-10	M16x1	12	19	-