

# **PUSH-IN FITTINGS**

**INOX  
AISI 316**

**PLUS**
















**SUITABLE FOR CONTACT WITH POTABLE  
WATER AND FOOD.**

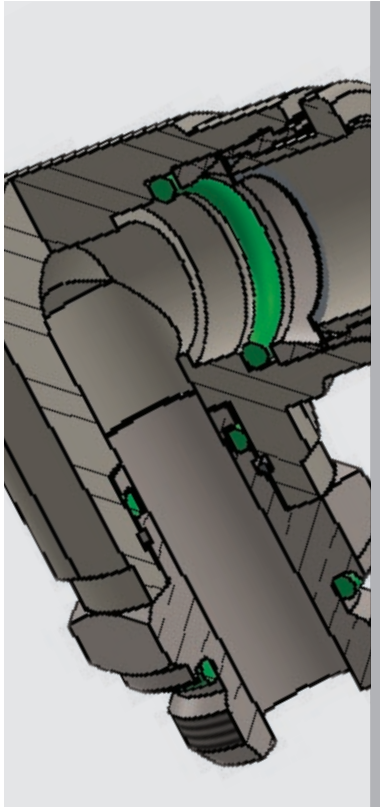
**HIGH CHEMICAL  
AND CORROSION RESISTANCE**

**SOLID AND RELIABLE TO BE USED FOR  
AGGRESSIVE APPLICATIONS**

**COMPLETELY IN STAINLESS STEEL**

**SPECIAL GREEN COLOR FKM SEALING,  
EASILY TO BE IDENTIFIED**

 <p>p. 86 / <b>SXC-R</b></p>	 <p>p. 86 / <b>SXC-G</b></p>	 <p>p. 86 / <b>SXMM</b></p>	 <p>p. 87 / <b>SXME</b></p>	 <p>p. 87 / <b>SXL-R</b></p>	 <p>p. 88 / <b>SXL-G</b></p>
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-20°C ÷ 150°C



Up to 20 Bar at 20°C



Compressed air, potable water and food fluids compatible with the construction materials.



Taper gas ISO 7 from R1/8" to R1/2"  
Parallel gas BSPP ISO 228 from G1/8" to G1/2"  
Metric ISO 262 M5x0,8P



Polyethylene, Polyamide, PTFE- FEP

**Body:** stainless steel AISI 316 ASTM A-479 for SXC, SXMM, SXUC, SXGJ, SXT, stainless steel AISI 316 ASTM A-182 for all the other fittings



**Collet:** stainless steel AISI 316

**Lock claw:** stainless steel AISI 303

**Seals:** viton

**Retaining ring for swivel systems:** AISI 302 stainless steel (1.4310)



Products in compliance with the directive 2002/95/EC

**RoHS2**

Products in compliance with the directive 2011/65/EU



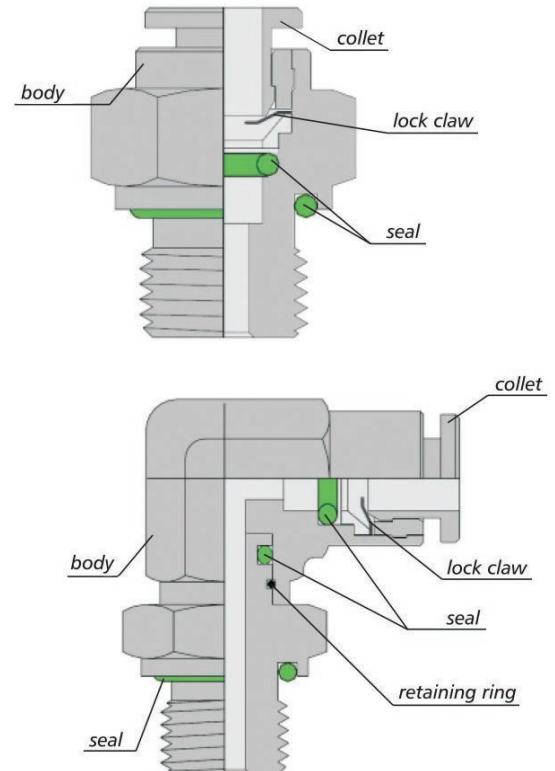
## INSERTION OF THE TUBE INTO THE FITTING

- Make sure the tube is fully inserted into the fitting.
- To insert the tube into the fitting cut the tube at a squared angle (90°), insert up to the end and pull gently to make sure it is correctly connected.
- If there are any damages or scratches on the tube surface or an oval shape, air leakage and tube release may occur. Check it carefully.
- The OD of polyurethane tubes expand when pressure is applied. Reinsertion into the fitting may not be possible. Check the OD of the tube and change the tube if the expansion is serious.
- Always remove by cutting the part of the tube previously inserted into the fitting. Use a paper tube cutter in order to cut the tube.

## DISCONNECTION OF THE TUBE FROM THE FITTING

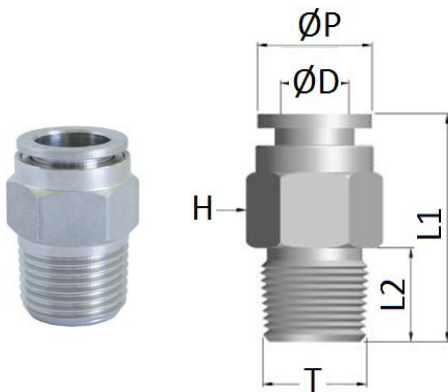
- Make sure the pressure is zero before releasing the tube from the fitting.
- To release the tube, press the release ring regularly at the end and pull the tube with one hand.

## CONSTRUCTION MATERIALS



## SXC-R

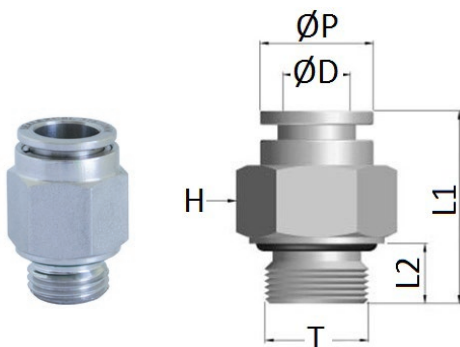
Male connector BSPT thread



CODE	ØD	T	ØP	L1	L2	H	GR.
SXC04R01	4	R1/8"	10,0	22,6	7,5	11,0	10,0
SXC04R02	4	R1/4"	10,0	23,3	11,0	14,0	19,0
SXC06R01	6	R1/8"	12,4	23,3	7,5	13,0	13,0
SXC06R02	6	R1/4"	12,4	22,8	11,0	14,0	17,0
SXC08R01	8	R1/8"	14,0	26,3	7,5	14,0	16,0
SXC08R02	8	R1/4"	14,0	26,3	11,0	14,0	19,0
SXC08R03	8	R3/8"	14,0	24,3	11,5	17,0	33,0
SXC10R02	10	R1/4"	16,5	29,3	11,0	17,0	26,0
SXC10R03	10	R3/8"	16,5	26,8	11,5	17,0	28,0
SXC12R02	12	R1/4"	19,0	31,0	11,0	20,6	40,0
SXC12R03	12	R3/8"	19,0	28,2	11,5	20,6	42,0
SXC12R04	12	R1/2"	19,0	28,2	15,0	22,0	58,0
SXC14R04	14	R1/2"	21,8	32,2	15,0	22,0	54,0

## SXC-G

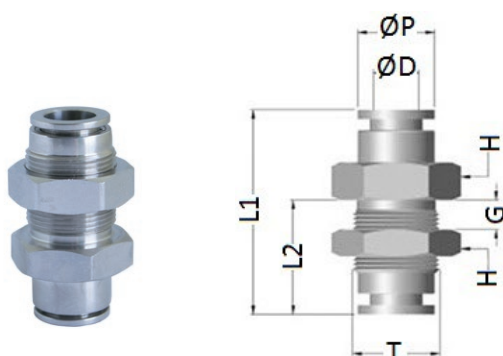
Male connector BSPP & metric thread



CODE	ØD	T	ØP	L1	L2	H	GR.
SXC04M5	4	M5	9,8	24,4	7,5	11,1	10,0
SXC04G01	4	G1/8"	9,8	22,6	8,0	14,2	17,0
SXC04G02	4	G1/4"	9,8	24,1	10,0	17,4	24,0
SXC06M5	6	M5	12,5	24,8	5,5	12,7	10,0
SXC06G01	6	G1/8"	12,5	24,6	8,0	14,2	16,0
SXC06G02	6	G1/4"	12,5	24,6	10,0	17,4	23,0
SXC08G01	8	G1/8"	14,2	27,6	8,0	14,2	17,0
SXC08G02	8	G1/4"	14,2	26,6	10,0	17,4	24,0
SXC08G03	8	G3/8"	14,2	26,7	10,0	20,6	37,0
SXC10G02	10	G1/4"	16,4	29,6	10,0	17,4	28,0
SXC10G03	10	G3/8"	16,4	26,8	10,0	20,6	35,0
SXC12G02	12	G1/4"	19,0	31,0	10,0	20,6	35,0
SXC12G03	12	G3/8"	19,0	31,0	10,0	20,6	40,0
SXC12G04	12	G1/2"	19,0	30,5	12,0	27,0	64,0
SXC14G04	14	G1/2"	21,8	31,5	12,0	27,0	103,0
SXC16G04	16	G1/2"	23,3	32,2	10,0	27,0	-

## SXMM

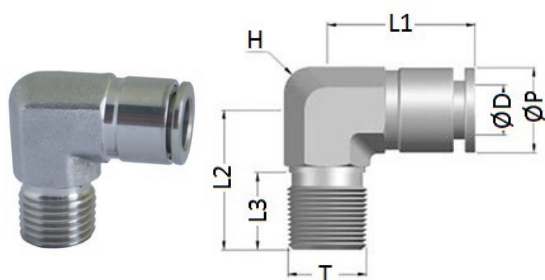
Bulkhead connector



CODE	ØD	T	ØP	L1	L2	G	H	GR.
SXMM0400	4	M11X0,75	10,0	33,0	18,8	6	14	24,0
SXMM0600	6	M14X1	12,4	35,0	19,3	6	19	38,0
SXMM0800	8	M16X1	14,0	36,0	20,3	6	20,6	45,0
SXMM1000	10	M18X1	16,5	42,0	24,8	8	22	64,0
SXMM1200	12	M22X1,5	19,0	46,4	25,2	10	27	100,0
SXMM1400	14	M24X1,5	21,8	48,4	27,2	10	28,6	112,0
SXMM1600	16	M26X1,5	23,3	48,4	27,2	10	30	124,0

## SXME

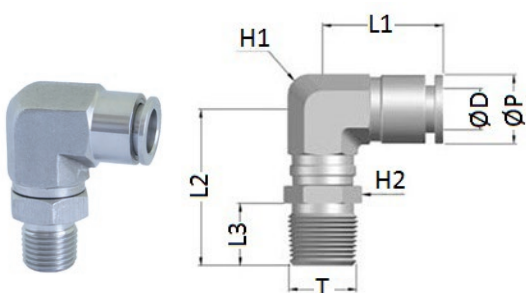
Male elbow BSPT thread



CODE	ØD	T	ØP	L1	L2	L3	H	GR.
SXME04R01	4	R1/8"	9,8	16,4	17,3	8,5	11,1	20,0
SXME04R02	4	R1/4"	9,8	18,0	23,5	12,5	14,2	45,0
SXME06R01	6	R1/8"	12,5	20,6	18,0	8,5	12,7	30,0
SXME06R02	6	R1/4"	12,5	21,4	23,5	12,5	14,2	42,0
SXME08R01	8	R1/8"	14,2	21,4	19,5	8,5	14,2	33,0
SXME08R02	8	R1/4"	14,2	21,4	23,5	12,5	14,2	39,0
SXME08R03	8	R3/8"	14,2	24,6	25,2	12,5	17,4	64,0
SXME10R02	10	R1/4"	16,4	24,6	25,2	12,5	17,4	88,0
SXME10R03	10	R3/8"	16,4	24,6	25,2	12,5	17,4	64,0
SXME12R02	12	R1/4"	19,0	25,6	26,9	12,5	20,6	82,0
SXME12R03	12	R3/8"	19,0	25,6	26,9	12,5	20,6	88,0
SXME12R04	12	R1/2"	19,0	25,6	30,9	16,5	20,6	127,0
SXME14R03	14	R3/8"	21,8	28,0	26,0	11,5	20,6	-
SXME14R04	14	R1/2"	21,8	28,0	29,5	15,0	20,6	-

## SXL-R

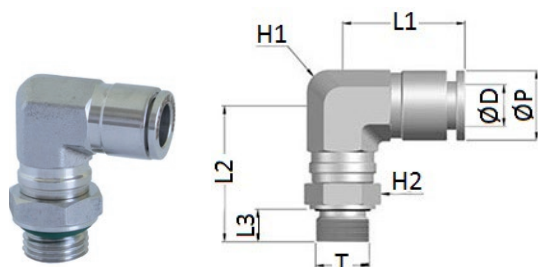
Swivel male elbow BSPT thread



CODE	ØD	T	ØP	L1	L2	L3	H1	H2	GR.
SXL04R01	4	R1/8"	9,8	17,1	26,7	8,5	11,1	11,1	27,0
SXL04R02	4	R1/4"	9,8	17,1	29,8	12,5	11,1	14,2	38,0
SXL06R01	6	R1/8"	12,5	20,6	27,7	8,5	12,7	12,7	36,0
SXL06R02	6	R1/4"	12,5	20,6	30,7	12,5	12,7	14,2	42,0
SXL08R01	8	R1/8"	14,2	21,4	28,7	8,5	14,2	14,2	44,0
SXL08R02	8	R1/4"	14,2	21,4	32,7	12,5	14,2	14,2	48,0
SXL08R03	8	R3/8"	14,2	21,4	32,7	12,5	14,2	17,4	61,0
SXL10R02	10	R1/4"	16,4	24,6	33,9	12,5	17,4	17,4	72,0
SXL10R03	10	R3/8"	16,4	24,6	34,1	12,5	17,4	17,4	78,0
SXL12R02	12	R1/4"	19,0	25,6	37,3	12,5	20,6	20,6	105,0
SXL12R03	12	R3/8"	19,0	25,6	37,3	12,5	20,6	20,6	106,0
SXL12R04	12	R1/2"	19,0	25,6	39,8	16,5	20,6	22,2	124,0
SXL14R03	14	R3/8"	21,8	28,7	38,5	11,5	22,0	22,0	-
SXL14R04	14	R1/2"	21,8	27,5	42,6	16,5	22,2	22,2	151,0

## SXL-G

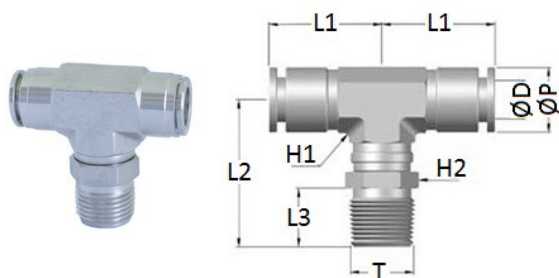
Swivel male elbow BSPP & metric thread



CODE	ØD	T	ØP	L1	L2	L3	H1	H2	GR.
SXL04M5	4	M5	9,8	17,1	26,5	7,5	11,1	11,1	27,0
SXL04G01	4	G1/8"	9,8	17,1	26,9	8,0	11,1	14,2	31,0
SXL04G02	4	G1/4"	9,8	17,1	28,9	10,0	11,1	17,4	41,0
SXL06M5	6	M5	12,5	20,6	25,8	5,5	12,7	12,7	27,0
SXL06G01	6	G1/8"	12,5	20,6	27,8	8,0	12,7	14,2	35,0
SXL06G02	6	G1/4"	12,5	20,6	30,0	10,0	12,7	17,4	45,0
SXL08G01	8	G1/8"	14,2	21,4	29,8	8,0	14,2	14,2	45,0
SXL08G02	8	G1/4"	14,2	21,4	32,0	10,0	14,2	17,4	53,0
SXL08G03	8	G3/8"	14,2	21,4	32,0	10,0	14,2	20,6	63,0
SXL10G02	10	G1/4"	16,4	24,6	33,1	10,0	17,4	17,4	75,0
SXL10G03	10	G3/8"	16,4	24,6	33,1	10,0	17,4	20,6	80,0
SXL12G02	12	G1/4"	19,0	25,6	35,3	10,0	20,6	19,0	103,0
SXL12G03	12	G3/8"	19,0	25,6	35,8	10,0	20,6	20,6	103,0
SXL12G04	12	G1/2"	19,0	25,6	38,8	12,0	20,6	27,0	132,0
SXL14G04	14	G1/2"	21,8	27,5	40,8	12,0	22,2	27,0	162,0
SXL16G04	16	G1/2"	23,3	30,0	39,6	10,0	24,0	27,0	-

## SXT-R

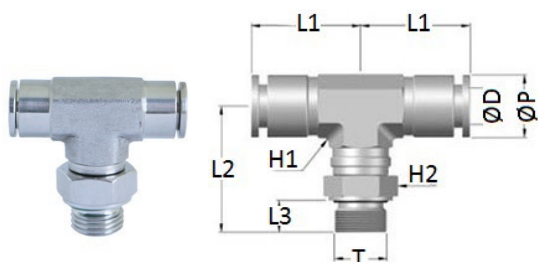
Swivel male tee BSPT thread



CODE	ØD	T	ØP	L1	L2	L3	H1	H2	GR.
SXT04R01	4	R1/8"	9,8	34,2	26,7	8,5	11,1	11,1	35,0
SXT04R02	4	R1/4"	9,8	34,2	29,8	12,5	11,1	14,2	48,0
SXT06R01	6	R1/8"	12,5	41,2	27,7	8,5	12,7	12,7	42,0
SXT06R02	6	R1/4"	12,5	41,2	30,7	12,5	12,7	14,2	48,0
SXT08R01	8	R1/8"	14,2	42,8	28,7	8,5	14,2	14,2	53,0
SXT08R02	8	R1/4"	14,2	42,8	32,7	12,5	14,2	14,2	59,0
SXT08R03	8	R3/8"	14,2	42,8	32,7	12,5	14,2	17,4	70,0
SXT10R02	10	R1/4"	16,4	49,2	33,9	12,5	17,4	17,4	86,0
SXT10R03	10	R3/8"	16,4	49,2	34,1	12,5	17,4	17,4	93,0
SXT12R02	12	R1/4"	19,0	51,2	37,3	12,5	20,6	20,6	123,0
SXT12R03	12	R3/8"	19,0	51,2	37,3	12,5	20,6	20,6	128,0
SXT12R04	12	R1/2"	19,0	51,2	39,8	16,5	20,6	22,2	145,0
SXT14R03	14	R3/8"	21,8	28,7	38,5	11,5	22,0	22,0	-
SXT14R04	14	R1/2"	21,8	28,7	42,2	15,0	22,0	22,0	-

## SXT-G

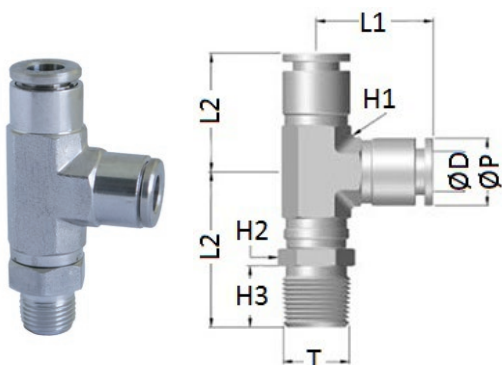
Swivel male tee BSPP &amp; metric thread



CODE	ØD	T	ØP	L1	L2	L3	H1	H2	GR.
SXT04M5	4	M5	9,8	34,2	26,5	7,5	11,1	11,1	31,0
SXT04G01	4	G1/8"	9,8	34,2	26,9	8,0	11,1	14,2	36,0
SXT04G02	4	G1/4"	9,8	34,2	28,9	10,0	11,1	17,4	44,0
SXT06G01	6	G1/8"	12,5	41,2	27,8	8,0	12,7	14,2	45,0
SXT06G02	6	G1/4"	12,5	41,2	30,0	10,0	12,7	17,4	53,0
SXT08G01	8	G1/8"	14,2	42,8	29,8	8,0	14,2	14,2	53,0
SXT08G02	8	G1/4"	14,2	42,8	32,0	10,0	14,2	17,4	60,0
SXT08G03	8	G3/8"	14,2	42,8	32,0	10,0	14,2	20,6	72,0
SXT10G02	10	G1/4"	16,4	49,2	33,1	10,0	17,4	17,4	84,0
SXT10G03	10	G3/8"	16,4	49,2	33,1	10,0	17,4	20,6	91,0
SXT12G02	12	G1/4"	19,0	51,2	35,3	10,0	20,6	19,0	122,0
SXT12G03	12	G3/8"	19,0	51,2	35,8	10,0	20,6	20,6	129,0
SXT12G04	12	G1/2"	19,0	51,2	38,8	12,0	20,6	27,0	149,0
SXT14G03	14	G3/8"	21,8	28,7	35,4	7,5	22	22	156,0
SXT14G04	14	G1/2"	21,8	28,7	38,4	10,7	22	27	163,0
SXT16G04	16	G1/2"	23,3	30,0	39,6	10,0	24	27	169,0

## SXST-R

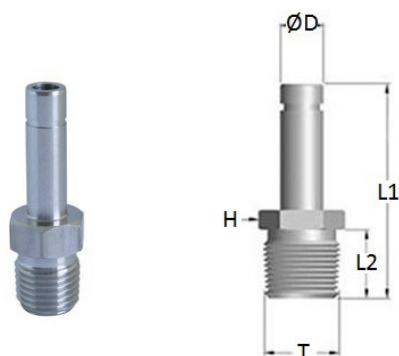
Swivel lateral male tee BSPT thread



CODE	ØD	T	ØP	L1	L2	L3	H1	H2	GR.
SXST04M5	4	M5	10,0	20,3	24,0	5,0	10	11	26,0
SXST04R01	4	R1/8"	10,0	20,3	25,6	7,5	10	11	35,0
SXST04R02	4	R1/4"	10,0	20,3	29,3	11,0	10	14	48,0
SXST06R01	6	R1/8"	12,4	21,0	26,8	7,5	12	13	42,0
SXST06R02	6	R1/4"	12,4	21,0	30,5	11,0	12	14	48,0
SXST08R01	8	R1/8"	14,0	23,2	27,8	7,5	14	14	53,0
SXST08R02	8	R1/4"	14,0	23,2	31,5	11,0	14	14	59,0
SXST08R03	8	R3/8"	14,0	23,2	32,3	11,5	14	17	70,0
SXST10R02	10	R1/4"	16,5	24,3	33,0	11,0	16	16	86,0
SXST10R03	10	R3/8"	16,5	24,3	33,7	11,5	16	17	93,0
SXST12R02	12	R1/4"	19,0	26,7	35,0	11,0	19	19	123,0
SXST12R03	12	R3/8"	19,0	26,7	35,6	11,5	19	19	128,0
SXST12R04	12	R1/2"	19,0	26,7	39,4	15,0	19	22	145,0
SXST14R03	14	R3/8"	21,8	28,7	38,5	11,5	22	22	139,0
SXST14R04	14	R1/2"	21,8	28,7	42,2	15,0	22	22	151,0

## SXTR

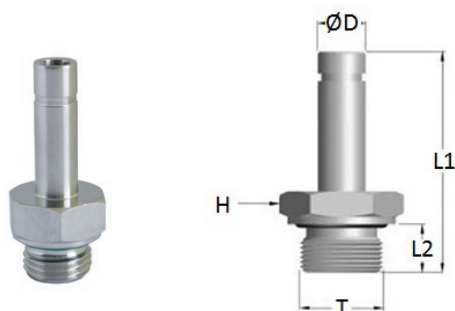
Adapter BSPT thread



CODE	ØD	T	L1	L2	H	GR.
SXTR04R01	4	R 1/8"	36,5	7,5	11	11,0
SXTR04R02	4	R 1/4"	40,0	11,0	14	20,0
SXTR06R01	6	R 1/8"	38,5	7,5	11	11,0
SXTR06R02	6	R 1/4"	42,0	11,0	14	22,0
SXTR08R01	8	R 1/8"	38,5	7,5	11	13,0
SXTR08R02	8	R 1/4"	42,0	11,0	14	23,0
SXTR08R03	8	R 3/8"	42,5	11,5	17	35,0
SXTR10R02	10	R 1/4"	42,0	11,0	14	24,0
SXTR10R03	10	R 3/8"	42,5	11,5	17	37,0
SXTR12R02	12	R 1/4"	44,5	11,0	14	28,0
SXTR12R03	12	R 3/8"	45,0	11,5	17	41,0
SXTR12R04	12	R 1/2"	48,5	15,0	22	46,0
SXTR14R03	14	R 3/8"	47,0	11,5	17	45,0
SXTR14R04	14	R 1/2"	50,0	15,0	22	50,0

## SXTA

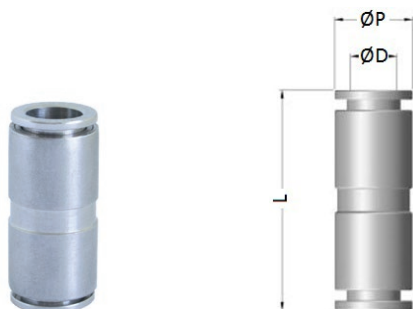
Adapter BSPP & metric thread



CODE	ØD	T	L1	L2	H	GR.
SXTA04M5	4	M5	34,0	5,0	11	8,0
SXTA04G01	4	G 1/8"	34,8	5,8	14	15,0
SXTA04G02	4	G 1/4"	36,7	7,5	17	25,0
SXTA06G01	6	G 1/8"	37,0	5,8	14	16,0
SXTA06G02	6	G 1/4"	39,2	7,5	17	27,0
SXTA08G01	8	G 1/8"	37,0	5,8	14	18,0
SXTA08G02	8	G 1/4"	39,2	7,5	17	28,0
SXTA10G02	10	G 1/4"	39,2	7,5	17	30,0
SXTA10G03	10	G 3/8"	39,4	7,5	20,6	44,0
SXTA12G02	12	G 1/4"	41,2	7,5	17	37,0
SXTA12G03	12	G 3/8"	41,2	7,5	20,6	45,0
SXTA12G04	12	G 1/2"	44,4	10,0	27	51,0
SXTA14G03	14	G 3/8"	42,2	7,5	20,6	50,0
SXTA14G04	14	G 1/2"	45,8	10,0	27	57,0
SXTA16G04	16	G 1/2"	45,8	10,0	27	58,0

## SXUC

Union connector

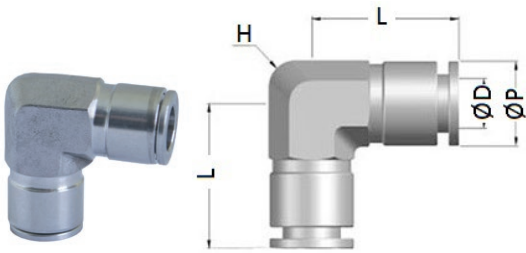


CODE	ØD	ØP	L	GR.
SXUC0400	4	10,0	34,6	14,0
SXUC0600	6	12,4	35,6	20,0
SXUC0800	8	14,0	35,6	21,0
SXUC1000	10	16,5	35,6	30,0
SXUC1200	12	19,0	38,8	40,0
SXUC1400	14	21,8	40,8	53,0
SXUC1600	16	23,3	40,8	61,0



SXUL

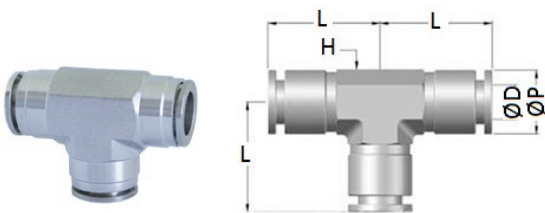
Union elbow



CODE	ØD	ØP	L	H	GR.
SXUL0400	4	10,0	20,3	10	21,0
SXUL0600	6	12,4	22,0	12	27,0
SXUL0800	8	14,0	23,2	14	35,0
SXUL1000	10	16,5	24,3	16	58,0
SXUL1200	12	19,5	26,7	19	83,0
SXUL1400	14	21,8	28,7	22	107,0
SXUL1600	16	23,3	30,0	24	119,0

SXUT

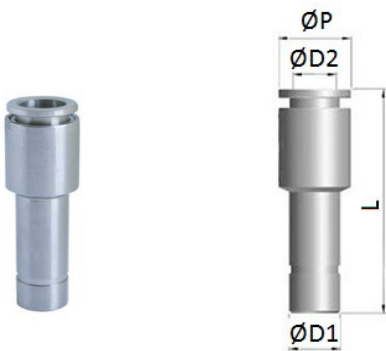
Union tee



CODE	ØD	ØP	L	H	GR.
SXUT0400	4	10,0	20,3	10	27,0
SXUT0600	6	12,4	22,0	12	37,0
SXUT0800	8	14,0	23,2	14	43,0
SXUT1000	10	16,5	24,3	16	68,0
SXUT1200	12	19,0	26,7	19	99,0
SXUT1400	14	21,8	28,7	22	129,0
SXUT1600	16	23,3	30,0	24	141,0

SXGJ

Reducer



CODE	ØD1	ØD2	ØP	L	GR.
SXGJ0604	6	4	10,0	41,8	11,0
SXGJ0804	8	4	10,0	41,8	14,0
SXGJ0806	8	6	12,4	41,8	17,0
SXGJ1006	10	6	12,4	42,8	23,0
SXGJ1008	10	8	14,0	42,8	23,0
SXGJ1208	12	8	14,0	45,8	31,0
SXGJ1210	12	10	16,5	46,3	31,0
SXGJ1412	14	12	19,0	47,8	40,0
SXGJ1612	16	12	19,0	47,8	46,0