

TECHNICAL TUBES

COILED TUBES & ACCESSORIES

PLUS

**EXCELLENT RESISTANCE TO
OXIDATION, HYDROLYSIS AND
OZONE**

**ADAPTS PERFECTLY TO PNEUMATIC
UTENSILS, BOTH MOBILE OR
SUSPENDED**

**MADE OF HIGH QUALITY
POLYURETHANE WHICH MAKES
SPIRAL SOFT AND DURABLE**

**THE STRAIGHT ENDS OF THE COILED
TUBE ALLOW MOUNTING WITH THE
WIDE RANGE OF SPRING NUTS**

**RANGE IS MADE COMPLETE BY A
WIDE SERIES OF HOSE CUTTERS,
SINGLE OR MULTIPLE ELBOW HOSE
CLAMPS, FOR A FAST INSTALLATION
OF THE TUBE WITH A SIMPLE
PRESSURE**

**RESISTANT TO VIBRATION AND TO
CLIMATE FACTORS ELEMENTS**





p. 760 / **UCES**



p. 761 / **UCES-G**



p. 762 / **1505**



p. 762 / **1508**



p. 762 / **1509**



p. 763 / **1510**



p. 763 / **1515**



p. 764 / **1521**



p. 764 / **1522**



p. 765 / **1525**



p. 765 / **TT**



p. 765 / **PZ**



p. 765 / **LM**



p. 766 / **ETC-20**



p. 766 / **STF**

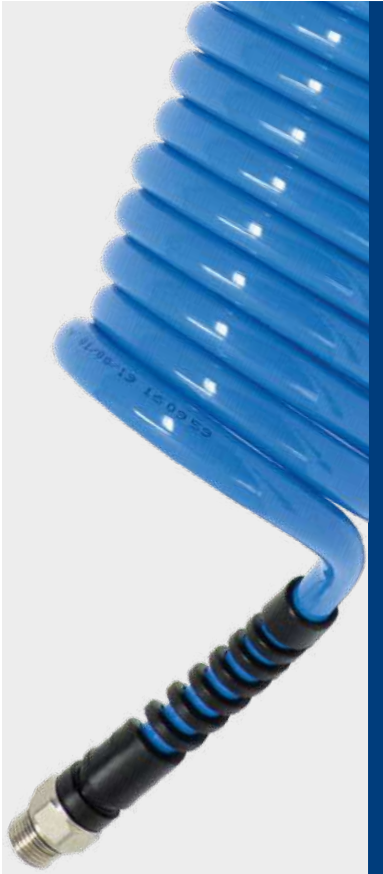


p. 766 / **HBC**



p. 766 / **HTBC**





-40°C ÷ 60°C



Working pressure:
See the table
Negative pressure:
- 0,95 Bar (- 95 Kpa)



Compressed air



Parallel gas BSPP ISO 228
G1/4" and G3/8"



Tube: Thermoplastic polyurethane
on polyester basis
Fittings: Nickel-plated brass
(UCES-G)

FEATURES

Very flexible tubing with good elastic properties even a low temperatures. Good chemical, abrasion and ageing resistance.

- Hardness:
98 Shore A
- Ultimate tensile strength:
50 MPa
- Ultimate tensile strain:
400 %
- Ultimate shear strength:
123 N/mm
- Abrasion resistance:
30 mm³
- Specific weight:
1,23 g/cc



Products in compliance with
EC Regulation 1907/2006



Products in compliance with
the directive EU 2015/863

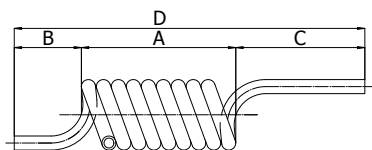
WORKING PRESSURES EXPRESSED IN % AS A FUNCTION OF TEMPERATURE

20°C	30°C	40°C	50°C	60°C
100%	83%	72%	64%	47%



UCES

Polyurethane coiled tube on polyester basis



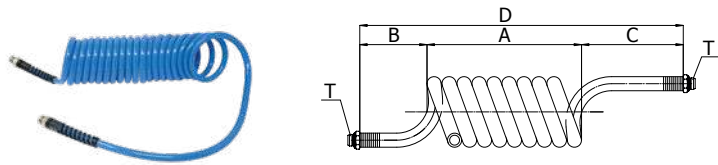
CODE	Ø ODxID	A (mm)	B (mm)	C (mm)	D (mm)	WORKING PRESSURE AT 23°C (Bar)	BURSTING PRESSURE AT 23°C (Bar)	TUBE LENGTH	NUMBER OF TURNS	Ø INTERNAL COILED TUBE (mm)	g
UCES060435	6x4	134	100	500	734	12	40	3,5	31	30	85
UCES060405		266	100	500	866	12	40	5,0	44	30	110
UCES060475		399	100	500	999	12	40	7,5	66	30	165
UCES060410		532	100	500	1132	12	40	10,0	88	30	215
UCES080535	8x5	194	100	500	794	14	45	3,5	34	25	155
UCES080505		387	100	500	987	14	45	5,0	48	25	205
UCES080575		580	100	500	1180	14	45	7,5	72	25	300
UCES080510		773	100	500	1373	14	45	10,0	97	25	395
UCES106505	10x6,5	399	100	500	999	13	42	5,0	40	30	315
UCES106575		598	100	500	1198	13	42	7,5	60	30	455
UCES106510		797	100	500	1397	13	42	10,0	80	30	600
UCES120805	12x8	266	100	500	866	12	40	5,0	22	60	455
UCES120875		399	100	500	999	12	40	7,5	33	60	660
UCES120810		532	100	500	1132	12	40	10,0	44	60	860

Sizes Ø ODxID	 Light blue	 Yellow
6x4	UCES060435AZ	UCES060435GL
	UCES060405AZ	UCES060405GL
	UCES060475AZ	UCES060475GL
	UCES060410AZ	UCES060410GL
8x5	UCES080535AZ	UCES080535GL
	UCES080505AZ	UCES080505GL
	UCES080575AZ	UCES080575GL
	UCES080510AZ	UCES080510GL
10x6,5	UCES106505AZ	UCES106505GL
	UCES106575AZ	UCES106575GL
	UCES106510AZ	UCES106510GL
12x8	UCES120805AZ	UCES120805GL
	UCES120875AZ	UCES120875GL
	UCES120810AZ	UCES120810GL



UCES-G

Polyurethane coiled tube on polyester basis with spring & BSPP thread fittings



CODE	Ø ODxID	T	A (mm)	B (mm)	C (mm)	D (mm)	WORKING PRESSURE AT 23 °C (Bar)	BURSTING PRESSURE AT 23 °C (Bar)	TUBE LENGTH	NUMBER OF TURNS	Ø INTERNAL COILED TUBE (mm)	g
* UCES060435G14	6x4	2x G 1/4"	134	100	500	734	12	40	3,5	31	30	165
* UCES060405G14		2x G 1/4"	266	100	500	866	12	40	5,0	44	30	190
* UCES060475G14		2x G 1/4"	399	100	500	999	12	40	7,5	66	30	240
* UCES060410G14		2x G 1/4"	532	100	500	1132	12	40	10,0	88	30	290
UCES080535G14	8x5	2x G 1/4"	194	100	500	794	14	45	3,5	34	25	230
UCES080505G14		2x G 1/4"	387	100	500	987	14	45	5,0	48	25	280
UCES080575G14		2x G 1/4"	580	100	500	1180	14	45	7,5	72	25	375
UCES080510G14		2x G 1/4"	773	100	500	1373	14	45	10,0	97	25	470
UCES106505G14	10x6,5	2x G 1/4"	399	100	500	999	13	42	5,0	40	30	385
UCES106575G14		2x G 1/4"	598	100	500	1198	13	42	7,5	60	30	525
UCES106510G14		2x G 1/4"	797	100	500	1397	13	42	10,0	80	30	670
UCES120805G38	12x8	2x G 3/8"	266	100	500	866	12	40	5,0	22	60	550
UCES120875G38		2x G 3/8"	399	100	500	999	12	40	7,5	33	60	755
UCES120810G38		2x G 3/8"	532	100	500	1132	12	40	10,0	44	60	955

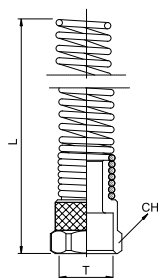
* Ø 6x4 fittings are in yellow brass

Sizes Ø ODxID		
	Light blue	Yellow
6x4	UCES060435G14AZ	UCES060435G14GL
	UCES060405G14AZ	UCES060405G14GL
	UCES060475G14AZ	UCES060475G14GL
	UCES060410G14AZ	UCES060410G14GL
8x5	UCES080535G14AZ	UCES080535G14GL
	UCES080505G14AZ	UCES080505G14GL
	UCES080575G14AZ	UCES080575G14GL
	UCES080510G14AZ	UCES080510G14GL
10x6,5	UCES106505G14AZ	UCES106505G14GL
	UCES106575G14AZ	UCES106575G14GL
	UCES106510G14AZ	UCES106510G14GL
12x8	UCES120805G38AZ	UCES120805G38GL
	UCES120875G38AZ	UCES120875G38GL
	UCES120810G38AZ	UCES120810G38GL



1505

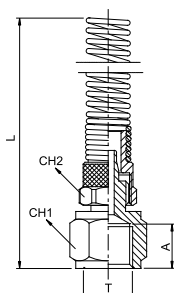
Locking nut with spring



CODE	ØD	T	L	CH
1505TR0604-A	6x4	M10x1	95	12
1505TR0805-A	8x5	M12x1	93,5	14
1505TR0806-A	8x6	M12x1	93,5	14
1505TR1065-A	10x6,5	M14x1	96,5	16
1505TR1008-A	10x8	M14x1	96,5	16
1505TR1208-A	12x8	M16x1	106	18
1505TR1210-A	12x10	M16x1	106	18

1508

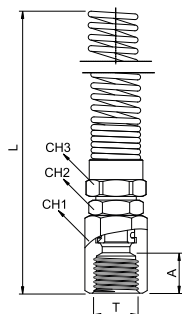
Straight female adapter BSPP thread with nut and spring



CODE	ØD	T	A	L	CH1	CH2
1508TR060418-A	6x4	G 1/8"	8	105	14	12
1508TR060414-A	6x4	G 1/4"	11	109	17	12
1508TR060438-A	6x4	G 3/8"	11,5	110	20	12
1508TR080618-A	8x6	G 1/8"	8	110	14	14
1508TR080614-A	8x6	G 1/4"	11	114	17	14
1508TR080638-A	8x6	G 3/8"	11,5	114,5	20	14
1508TR080612-A	8x6	G 1/2"	15	118	24	14
1508TR100814-A	10x8	G 1/4"	11	122	17	16
1508TR100838-A	10x8	G 3/8"	11,5	122,5	20	16
1508TR100812-A	10x8	G 1/2"	15	126	24	16
1508TR100838-A	12x10	G 3/8"	11,5	130,5	20	18

1509

Swivel straight female adapter BSPP thread with nut and spring

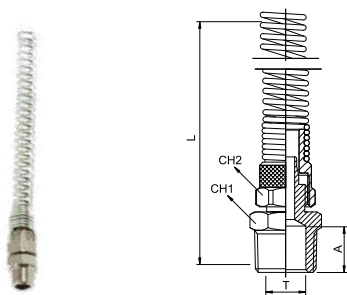


CODE	ØD	T	A	L	CH1	CH2	CH3
1509TR060414-A	6x4	G 1/4"	11	134	16	14	12
1509TR080514-A	8x5	G 1/4"	11	134	16	14	14
1509TR080614-A	8x6	G 1/4"	11	134	16	14	14
1509TR106514-A	10x6,5	G 1/4"	11	134	16	14	16
1509TR100814-A	10x8	G 1/4"	11	134	16	14	16



1510

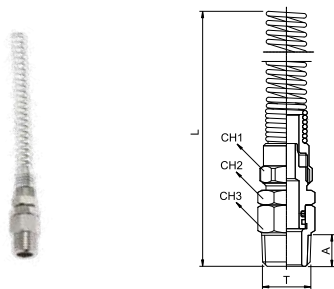
Straight male adapter BSPT thread with nut and spring



CODE	ØD	T	A	L	CH1	CH2
1510TR060418-A	6x4	R 1/8"	8	109,5	12	12
1510TR060414-A	6x4	R 1/4"	11	113	14	12
1510TR080618-A	8x6	R 1/8"	8	124,5	12	14
1510TR080614-A	8x6	R 1/4"	11	128	14	14
1510TR080638-A	8x6	R 3/8"	11,5	128,5	17	14
1510TR080612-A	8x6	R 1/2"	14	131,5	22	14
1510TR100818-A	10x8	R 1/8"	8	123	14	16
1510TR100814-A	10x8	R 1/4"	11	125	14	16
1510TR100838-A	10x8	R 3/8"	11,5	125,5	17	16
1510TR100812-A	10x8	R 1/2"	14	130	22	16
1510TR121038-A	12x10	R 3/8"	11,5	134,5	17	18
1510TR121012-A	12x10	R 1/2"	14	140	22	18

1515

Swivel straight male adapter BSPT thread and nut with spring

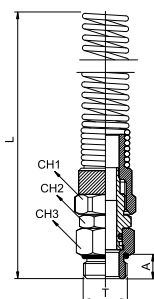


CODE	ØD	T	A	L	CH1	CH2	CH3
1515TR060418-A	6x4	R 1/8"	8	110	12	12	12
1515TR060414-A	6x4	R 1/4"	11	113	12	14	14
1515TR080518-A	8x5	R 1/8"	8	110	14	12	12
1515TR080514-A	8x5	R 1/4"	11	113	14	14	14
1515TR080618-A	8x6	R 1/8"	8	110	14	12	12
1515TR080614-A	8x6	R 1/4"	11	113	14	14	14
1515TR106514-A	10x6,5	R 1/4"	11	117	16	14	14
1515TR100814-A	10x8	R 1/4"	11	117	16	14	14
1515TR120838-A	12x8	R 3/8"	11,5	126	18	17	17
1515TR121038-A	12x10	R 3/8"	11,5	126	18	17	17



1521

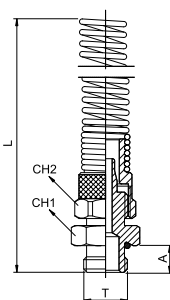
Swivel straight male adapter BSPP thread with O-ring and nut with spring



CODE	ØD	T	A	L	CH1	CH2	CH3
1521TR060418-A	6x4	G 1/8"	6	106	12	12	13
1521TR060414-A	6x4	G 1/4"	8	108	12	14	16
1521TR080518-A	8x5	G 1/8"	6	106	14	12	13
1521TR080514-A	8x5	G 1/4"	8	108	14	14	16
1521TR080618-A	8x6	G 1/8"	6	106	14	12	13
1521TR080614-A	8x6	G 1/4"	8	108	14	14	16
1521TR106514-A	10x6,5	G 1/4"	8	112	16	14	16
1521TR100814-A	10x8	G 1/4"	8	112	16	14	16
1521TR120838-A	12x8	G 3/8"	9	123	18	17	19
1521TR121038-A	12x10	G 3/8"	9	123	18	17	19

1522

Straight male adapter BSPP thread with O-ring and nut with spring



CODE	ØD	T	A	L	CH1	CH2
1522TR060418-A	6x4	G 1/8"	6	110	13	12
1522TR060414-A	6x4	G 1/4"	8	111	16	12
1522TR060438-A	6x4	G 3/8"	9	112	19	12
1522TR060412-A	6x4	G 1/2"	10	113	24	12
1522TR080618-A	8x6	G 1/8"	6	110	14	14
1522TR080614-A	8x6	G 1/4"	8	111	16	14
1522TR080638-A	8x6	G 3/8"	9	112	19	14
1522TR080612-A	8x6	G 1/2"	10	113	24	14
1522TR100818-A	10x8	G 1/8"	6	116	14	16
1522TR100814-A	10x8	G 1/4"	8	117	16	16
1522TR100838-A	10x8	G 3/8"	9	118	19	16
1522TR100812-A	10x8	G 1/2"	10	119	24	16
1522TR121038-A	12x10	G 3/8"	9	129	19	18
1522TR121012-A	12x10	G 1/2"	10	130	24	18

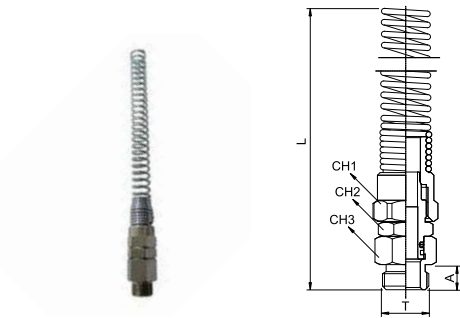
Straight male adapter metric thread with O-ring and nut with spring

CODE	ØD	T	A	L	CH1	CH2
1522TR0604M121-A	6x4	M12x1	8	108	15	12
1522TR0604M12125-A	6x4	M12x1,25	8	108	15	12
1522TR0604M1215-A	6x4	M12x1,5	8	108	15	12



1525

Swivel straight male adapter BSPP thread with nut and spring



CODE	ØD	T	A	L	CH1	CH2	CH3
1525TR060418-A	6x4	G 1/8"	6	106	12	12	13
1525TR060414-A	6x4	G 1/4"	8	108	12	14	16
1525TR080518-A	8x5	G 1/8"	6	106	14	12	13
1525TR080514-A	8x5	G 1/4"	8	108	14	14	16
1525TR080618-A	8x6	G 1/8"	6	106	14	12	13
1525TR080614-A	8x6	G 1/4"	8	108	14	14	16
1525TR106514-A	10x6,5	G 1/4"	8	112	16	14	16
1525TR100814-A	10x8	G 1/4"	8	112	16	14	16
1525TR120838-A	12x8	G 3/8"	9	123	18	17	19
1525TR121038-A	12x10	G 3/8"	9	123	18	17	19

TT

Plastic tube cutter



CODE	MAX. TUBE Ø (mm)	g
TT16	16	32,0

PZ

Metal tube cutter



CODE	MAX. TUBE Ø (mm)	BLADE MATERIAL	g
PZ-P	12	STEEL	106,0
PZ-G	28	STEEL	291,0

LM

Spare blade for PZ tube cutter



CODE	FOR TUBE CUTTER	BLADE MATERIAL	g
LM-P	PZ-P	STEEL	1,0
LM-G	PZ-G	STEEL	2,0



ETC

Tube cutter with tape measure



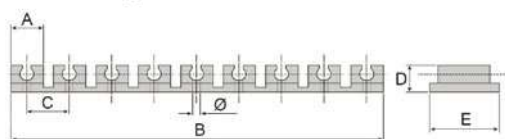
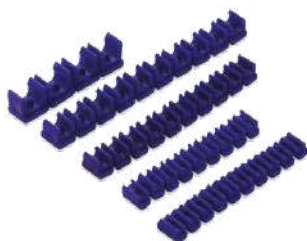
CODE	MAX. TUBE Ø (mm)	BLADE MATERIAL	PLUS	g
ETC-20	20	STEEL	TAPE MEASURE (1m)	47,5

Spare blade for ETC

CODE	FOR TUBE CUTTER	BLADE MATERIAL	g
ETC-B	ETC-20	STEEL	1,0

STF

Plastic tube fixing clips



CODE	ØOD	A	B	C	D	Ø	E	N° OF POSITIONS	g
STF04	4	9	114	11,7	8,0	2,8	19	10	8,0
STF06	6	9	114	11,7	10,0	2,8	19	10	8,0
STF08	8	12	143	14,6	12,0	3,8	19	10	12,0
STF10	10	15	172	17,4	13,8	4,1	19	10	16,0
STF12	12	19	162	20,5	16,8	5,3	19	8	10,0
STF14	14	21	180	22,5	18,8	5,3	19	4	11,0

STF: The recommended environment temperature is from 0°C to 40°C

HBC

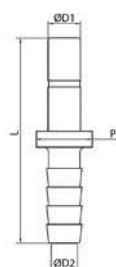
Curved tube clamp



CODE	TUBE Ø (mm)	TUBE Ø (inch)	HOLES Ø (mm)	g
HBC08-5/16B	8	5/16	3,4	4,1
HBC10-3/8B	10	3/8	3,4	11,6

HTBC

Barb connector with stem



CODE	ØD1	ØD2	P	L	g
HTBC0606B	6	6	10,35	38,5	4,0
HTBC0806B	8	6	10,35	39,7	5,5

