



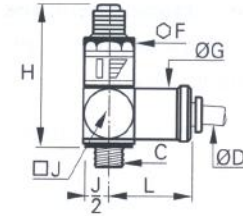
>>> Reducing fittings



Pressure reducing fittings

At www.rodavigo.net Family: Pneumatics
Product: Legris pneumatic fittings

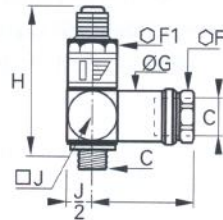
7318 banjo, instant connection



Code	∅D	C		F	G	Hmin	Hmax	J	L	weight kg
20573180610	6	G1/8	4	19	20	49	57	21	43	0,135
20573180613	6	G1/4	4	19	20	49	57	21	43	0,136
20573180813	8	G1/4	6	19	20	49	57	21	40	0,133
20573181013	10	G1/4	6	27	20	55	64	28	50	0,241
20573181017	10	G3/8	8	27	26	55	64	28	50	0,250

metal body screw with safety pin

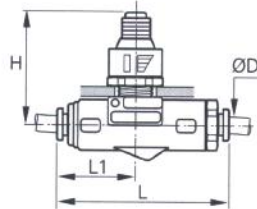
7471 banjo, threaded connection



Code	C		F	F1	G	Hmin	Hmax	J	L	weight kg
20574711010	G1/8	4	19	19	20	49	57	21	45	0,157
20574711313	G1/4	6	19	19	20	49	57	21	45	0,150
20574711717	G3/8	8	24	27	26	55	64	28	56	0,283
20574712121	G1/2	10	30	30	31	75	86	33	63	0,525

metal body screw with safety pin

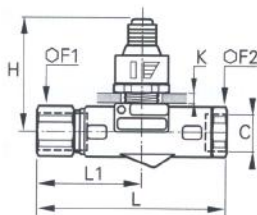
7316 straight, instantaneous connection



Code	∅D		F	Hmin	Hmax	L	L1	weight kg
20573160600	6	4	22	49	57	74	32	0,208
20573160800	8	6	22	49	57	71	32	0,196
20573161000	10	8	27	61	70	89	51	0,405

shot-blasted and nickel-plated brass body
this model will be supplied with bulkhead nut

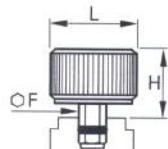
7416 straight, threaded connection



Code	C		F1	F2	Hmin	Hmax	Kmax	L	L1	Tmin	weight kg
20574161010	G1/8	4	17	19	49	57	4	74	35	18,5	0,157
20574161313	G1/4	6	17	19	49	57	4	83	44	18,5	0,150
20574161717	G3/8	8	22	27	61	70	5	90	44	22,5	0,283
20574162121	G1/2	10	27	30	75	86	7	119	61	22,5	0,525

shot-blasted and nickel-plated brass body
this model will be supplied with bulkhead nut

7000 00 00 linkable manual control



Code	F	H	L	weight kg
20570000000	6	15	22	0,039

shot-blasted and nickel-plated brass body

7000 00 01 seal cap



Code	∅D	weight kg
20570000001	6-10	0,001

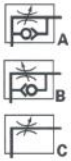
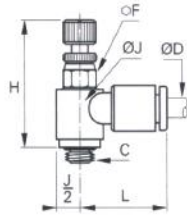
H.R polymer

>>> Regulating fittings

At www.rodavigo.net Family: Pneumatics
Product: Legris pneumatic fittings

Flow regulating fittings technical polymer version

7660-7662-7669 "miniature", cylindrical BSP

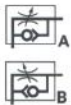
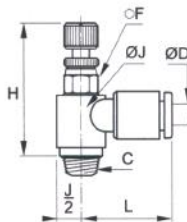


Exhaust code A	Power code B	Bi-directional code C	ØD	C
20576600309	20576690309		3	M3x0,5
20576600319	20576690319		3	M5x0,8
20576600409			4	M3x0,5
20576600419	20576690419	20576620419	4	M5x0,8
20576600410	20576690410	20576620410	4	G1/8
20576600619	20576690619	20576620619	6	M5x0,8
20576600610	20576690610	20576620610	6	G1/8
20576600613	20576690613	20576620613	6	G1/4
20576600810	20576690810		8	G1/8
20576600813	20576690813		8	G1/4
20576600817	20576690817		8	G3/8

polymer body H.R.

ØD	C	F	Hmin	Hmax	J	L	Weight kg
3	M3x0,5	6	23,5	26	9	17	0,008
3	M5x0,8	6	23,5	26	9	17	0,008
4	M3x0,5	6	23,5	26	9	16,5	0,007
4	M5x0,8	6	23,5	26	9	17	0,008
4	G1/8	7	27	29,5	11,5	18	0,012
6	M5x0,8	6	23,5	26	9	18	0,010
6	G1/8	7	27	29,5	11,5	18,5	0,012
6	G1/4	8	30	32,5	12	19	0,019
8	G1/8	13	26,5	31	14	26	0,020
8	G1/4	16	29	34	19	27,5	0,022
8	G3/8	20	36	42	23	29	0,025

7665-7668 "miniature", conical BSP

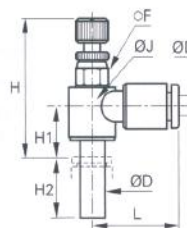


Exhaust code A	Power code B	ØD	C
20576650410	20576680410	4	R1/8
20576650610	20576680610	6	R1/8
20576650613	20576680613	6	R1/4
20576650617		6	R3/8
20576650810	20576680810	8	R1/8
20576650813	20576680813	8	R1/4
20576650817	20576680817	8	R3/8

polymer body H.R.

ØD	C	F	Hmin	Hmax	J	L	Weight kg
4	R1/8	7	25	27,5	11,5	18	0,011
6	R1/8	7	25	57,5	11,5	18,5	0,012
6	R1/4	8	27,5	30	13,5	19	0,019
6	R3/8	17	31,5	34	13,5	19	0,025
8	R1/8	13	24	28,5	14	16	0,021
8	R1/4	16	25	29	19	27,5	0,033
8	R3/8	20	30	36	23	29	0,061

7630-7631 plug-in "miniature"



Exhaust code A	Power code B	ØD
20576300400	20576310400	4
20576300600	20576310600	6

polymer body H.R.

ØD	F	Hmin	Hmax	H1	H2	J	L	Weight kg
4	6	25,5	28	9,5	15,5	9	17	0,007
6	7	27,5	29	10,5	17	11,5	18,5	0,011



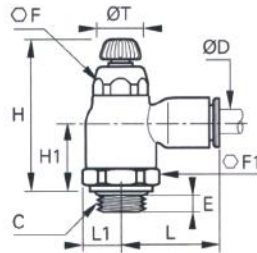
>>> **Regulating fittings**



Flow regulating fittings technical polymer version

At www.rodavigo.net Family: Pneumatics
Product: Legris pneumatic fittings

7060-7061-7062 <<compact>>, cylindrical BSP



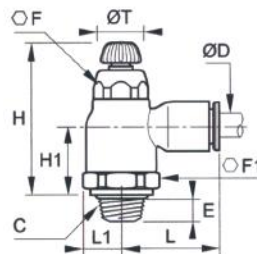
polymer body H.R.



Exhaust code A	Power code B	Bi-directional code C	ØD	C
20570600410	20570610410	20570620410	4	G1/8
20570600610	20570610610	20570620610	6	G1/8
20570600613	20570610613	20570620613	6	G1/4
20570600810	20570610810	20570620810	8	G1/8
20570600813	20570610813	20570620813	8	G1/4
20570600817	20570610817	20570620817	8	G3/8
20570601013	20570611013		10	G1/4
20570601017	20570611017		10	G3/8
20570601217			12	G3/8
20570601221	20570611221		12	G1/2

ØD	C	E	F	F1	Hmin	Hmax	H1	L	L1	T	Weight kg
4	G1/8	5	10	16	38	44	16	22	9	10	0,021
6	G1/8	5	10	16	38	44	16	22	9	10	0,021
6	G1/4	5,5	10	16	36,5	42,5	15	22	9	10	0,021
8	G1/8	4,5	14	19	41,5	48	18	28	10,5	12	0,035
8	G1/4	5,5	14	19	41,5	48	18,5	28	10,5	12	0,037
8	G3/8	5,5	14	19	41,5	48	17	28	11	12	0,037
10	G1/4	5,5	17	23	45,5	53,5	20	31,5	12,5	17	0,057
10	G3/8	5,5	17	23	45,5	54	20	31,5	12,5	17	0,059
12	G3/8	5,5	17	23	45,5	54	20	35	12,5	17	0,063
12	G1/2	7,5	17	24	45,5	54	20	35	13	17	0,065

7065-7066-7067 <<compact>>, conical BSP



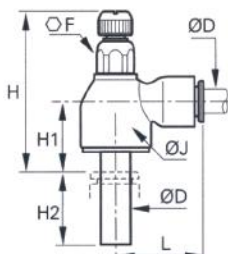
polymer body H.R.



Exhaust code A	Power code B	Bi-directional code C	ØD	C
20570650610		20570670410	4	R1/8
		20570670610	6	R1/8
		20570670613	6	R1/4
20570650810		20570670810	8	R1/8
20570650813		20570670813	8	R1/4
		20570670817	8	R3/8
20570651013	20570661013		10	R1/4
20570651017	20570661017		10	R3/8
20570651021	20570661021		10	R1/2
20570651213	20570661213		12	R1/4
20570651217	20570661217		12	R3/8
20570651221	20570661221		12	R1/2

ØD	C	F	Hmin	Hmax	H1	L	L1	T	Weight kg
4	R1/8	10	36,5	42,5	114,5	22	9	10	0,021
6	R1/8	10	36,5	42,5	15	22	8	10	0,021
6	R1/4	10	36,5	42,5	15	22	9	10	0,021
8	R1/8	14	40	45	16,5	27	10,5	14	0,034
8	R1/4	14	40	45	16,5	27	10,5	14	0,036
8	R3/8	14	40	45	16,5	27	11	14	0,042
10	R1/4	17	43,5	51,5	18	31,5	12,5	17	0,053
10	R3/8	17	43,5	51,5	18	31,5	12,5	17	0,055
10	R1/2	17	43,5	51,5	18	31,5	12,5	17	0,059
12	R1/4	17	43,5	51,5	18	35	12,5	17	0,056
12	R3/8	17	43,5	51,5	18	35	12,5	17	0,059
12	R1/2	17	43,5	51,5	18	35	12,5	17	0,164

7030-7031 <<push-in compact>>



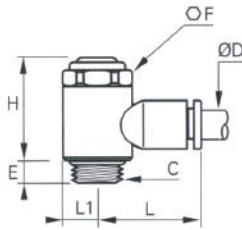
polymer body H.R.

Exhaust code A	Power code B	ØD
20570300600	20570310600	6
20570300800	20570310800	8
20570301000	20570311000	10
20570301200	20570311200	12



ØD	F	Hmin	Hmax	H1	H2	J	L	Weight kg
6	10	35	41	14	17	16	22	0,019
8	14	39,5	46,5	16	21,5	19	28	0,035
10	17	43,5	51,5	17,5	24,5	23	31,5	0,055
12	17	43	51	17	27	23	31,5	0,060

7010-7011-7012 with recessed screw, M5 and cylindrical BSP



Exhaust code A	Power code B	Bi-directional code C	ØD	C
20570100419	20570110419	20570120419	4	M5x0,8
20570100410	20570110410	20570120410	4	G1/8
20570100619	20570110619	20570120619	6	M5x0,8
20570100610	20570110610	20570120610	6	G1/8
20570100613	20570110613	20570120613	6	G1/4
20570100810	20570110810	20570120810	8	G1/8
20570100813	20570110813	20570120813	8	G1/4
20570100817	20570110817	20570120817	8	G3/8
20570101013	20570111013		10	G1/4
20570101017	20570111017		10	G3/8
20570101021			10	G1/2
20570101217			12	G3/8
20570101221			12	G1/2

polymer body H.R.

ØD	C	E	F	H	L	L1	Weight kg
4	M5x0,8	4	8	17,5	17	5	0,007
4	G1/8	5	13	25	19	7	0,017
6	M5x0,8	4	8	17,5	19	5	0,017
6	G1/8	5	13	25	21	7	0,019
6	G1/4	8	17	26,5	22	9,5	0,034
8	G1/8	5	13	25	26	7	0,020
8	G1/4	8	17	26,5	27	9,5	0,035
8	G3/8	7,5	20	37,5	29	11,2	0,042
10	G1/4	8	17	26,5	29	9,5	0,038
10	G3/8	7,5	20	37,5	31	11,2	0,043
10	G1/2	8	23	43	37	13,5	0,117
12	G3/8	7,5	20	37,5	34,5	11,2	0,045
12	G1/2	8	23	43	37	13,5	0,111

Coding:

The code numbers are based on a mnemonic code, where each fitting is identified:

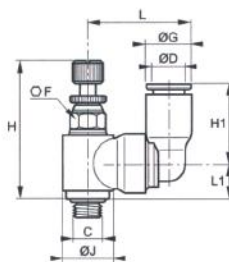
- by model series
- by the nominal tube Ø
- by the thread or by the second nominal tube Ø

Coding example

7010 06 10

item type Tube Ø thread code, or the second nominal tube Ø

7640-7649 <<miniature>>, metric and cylindrical BSP

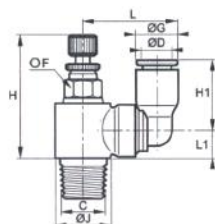


Exhaust code A	Power code B	ØD	C
20576400419	20576490419	4	M5x0,8
20576400410	20576490410	4	G1/8
20576400619	20576490619	6	M5x0,8
20576400610	20576490610	6	G1/8

polymer body H.R.

ØD	C	F	ØG	Hmin	Hmax	H1	ØJ	L	L1	Weight kg
4	M5x0,8	6	8,5	24,5	27,5	14,5	9,5	19,5	6,5	0,011
4	G1/8	7	8,5	27,5	31	14,5	11,5	20	8,5	0,015
6	M5x0,8	6	10,5	24,5	27,5	16	9,5	21,5	6,5	0,013
6	G1/8	7	10,5	27,5	31	16	11,5	22	8,5	0,015

7645 <<miniature>>, conical BSP



Exhaust code A	ØD	C
20576450410	4	R1/8
20576450610	6	R1/8

polymer body H.R.

ØD	C	F	ØG	Hmin	Hmax	H1	ØJ	L	L1	Weight kg
4	R1/8	7	8,5	25	28,5	14,5	11,5	20	6	0,012
6	R1/8	7	10,5	25	28,5	16	11,5	22	6	0,014

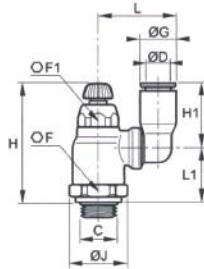
>>> **Regulating fittings**



Flow regulating fittings technical polymer version

At www.rodavigo.net Family: Pneumatics
Product: Legris pneumatic fittings

7040-7041 <<compact>>, cylindrical BSP

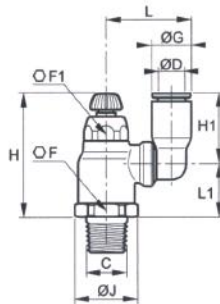


Exhaust code A	Power code B	ØD	C
20570400610		6	G1/8
20570400613	20570410613	6	G1/4
20570400810	20570410810	8	G1/8
20570400813	20570410813	8	G1/4
20570400817		8	G3/8
20570401013		10	G1/4
20570401017		10	G3/8
20570401217		12	G3/8
20570401221		12	G1/2

polymer body H.R.

ØD	C	F	F1	ØG	Hmin	Hmax	H1	ØJ	L	L1	Weight kg
6	G1/8	16	10	10,5	38	44	16	17,5	23,5	18	0,026
6	G1/4	16	10	10,5	36,5	42,5	16	17,5	23,5	16,5	0,029
8	G1/8	19	14	13,5	41,5	48	23	21	28	19	0,035
8	G1/4	19	14	13,5	41,5	48	23	21	28	19,5	0,039
8	G3/8	19	14	13,5	41,5	48	23	22	28	17,5	0,043
10	G1/4	23	17	16	45,5	53,5	26,5	25	35	21	0,051
10	G3/8	23	17	16	45,5	54	26,5	25	35	21,5	0,063
12	G3/8	23	17	19	45,5	54	30,5	25	38	21,5	0,066
12	G1/2	24	17	19	45,5	54	30,5	26	38	21	0,071

7045 <<compact>>, conical BSP



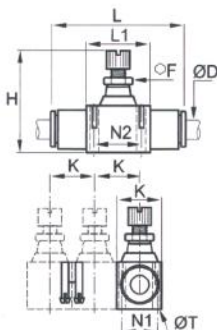
Exhaust code A	ØD	C
20570450613	6	R1/4
20570450810	8	R1/8
20570450813	8	R1/4
20570450817	8	R3/8
20570451013	10	R1/4
20570451017	10	R3/8
20570451217	12	R3/8
20570451221	12	R1/2

polymer body H.R.



ØD	C	F	F1	ØG	Hmin	Hmax	H1	ØJ	L	L1	Weight kg
6	R1/4	16	10	10,5	36,5	42,5	16	17,5	23,5	16,5	0,026
8	R1/8	19	14	13,5	40	46	23	21	28	17,5	0,034
8	R1/4	19	14	13,5	40	46	23	21	28	17,5	0,043
8	R3/8	19	14	13,5	40	46	23	21	28	17,5	0,044
10	R1/4	23	17	16	43,5	51,5	26,5	25	34	19,5	0,062
10	R3/8	23	17	16	43,5	51,5	26,5	25	34	19,5	0,065
12	R3/8	23	17	19	43,5	51,5	31	25	37	19,5	0,067
12	R1/2	23	17	19	43,5	51,5	31	25	37	19,5	0,070

7770-7772 with instant connection



Uni-directional code A	Bi-directional code B	ØD
20577700400	20577720400	4
20577700600	20577720600	6
20577700800	20577720800	8
20577701000		10
20577701200		12

polymer body H.R.



ØD	F	Hmin	Hmax	K	L	L1	N1	N2	T	Weight kg	
4	3	5	29,5	33,5	12	39	15	8	11	2,2	0,012
6	4	8	39,5	44,5	17	54	23	11	17	3,2	0,030
8	6	11	44	50	18,5	60,5	26	12,5	20	3,2	0,047
10	8	14	52	61	24	76	33	16	26	4,2	0,103
12	10	14	57,5	67,5	28	86	35	20	27,5	4,2	0,138

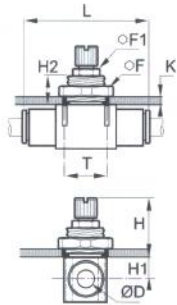
>>> Regulating fittings

At www.rodavigo.net

Family: Pneumatics
Product: Legris pneumatic fittings

Flow regulating fittings technical polymer version

7776 instant connection, bulkhead



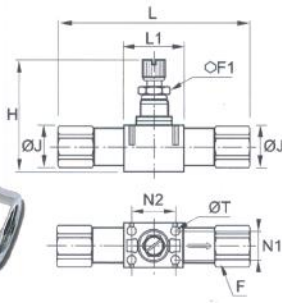
Uni-directional code A	ØD
20577760400*	4
20577760600*	6
20577760800	8
20577761000	10
20577761200	12



polymer body H.R. * micro-regulation models

ØD	F	F1	Hmin	Hmax	H1	H2	Kmax	L1	T	Weight
kg										
4	14	-	21,5	25,5	6,5	11	6	39	2,2	0,012
6	19	-	27,5	32,5	7,5	13,5	7	54	3,2	0,030
8	24	11	28,5	34,5	9	13,5	7	60,5	3,2	0,047
10	30	14	29,5	38,5	11,5	13,5	7	76	4,2	0,103
12	32	14	32	42	12,5	15,5	8	86	4,2	0,138

7771 threaded connection, cylindrical BSP



Uni-directional code A	C
20577711010	G1/8
20577711313	G1/4
20577711717	G3/8
20577712121	G1/2

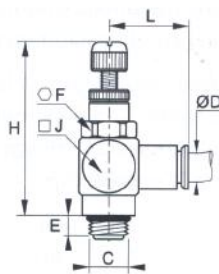


polymer body H.R.

C	F	F1	H	J	L1	N1	N2	ØT	Weight
kg									
G1/8	13	8	14	68,5	23	11	17	3,2	0,043
G1/4	16	11	17,5	83	26	12,5	20	3,2	0,013
G3/8	19	14	21	97	33	16	26	4,2	0,160
G1/2	24	14	26	121	35	20	27,5	4,2	0,247

Flow regulating fittings metal version

7180 "miniature", instantaneous connection, cylindrical BSP



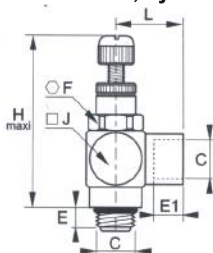
Exhaust code A	ØD	C
20571800419	4	M5x0,8
20571800410	4	G1/8
20571800619	6	M5x0,8
20571800610	6	G1/8
20571800810	8	G1/8



treated brass body

ØD	C	E	F	Hmax	J	L	L1	Weight
kg								
4	M5x0,8	4	8	30	10	19	15	0,021
4	G1/8	5	13	44	15	20	23	0,027
6	M5x0,8	4	8	30	10	24	26	0,031
6	G1/8	5	13	44	15	22	33	0,038
8	G1/8	5	13	44	15	26	35	0,044

7190 "miniature", threaded connection, cylindrical BSP



Exhaust code A	C
20571901919	M5x0,8
20571901010	G1/8



treated brass body

C	E	E1	F	Hmax	J	L	Weight
kg							
M5x0,8	4	4	8	30	10	11	0,022
G1/8	5	8	13	44	15	17	0,028



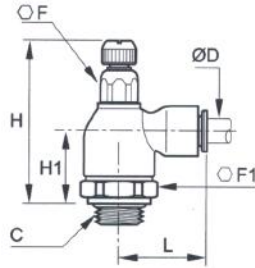
>>> **Regulating fittings**



Flow regulating fittings metal version

At www.rodavigo.net Family: Pneumatics
Product: Legris pneumatic fittings

7100-7101 <<compact>>, instant connection, cylindrical BSP

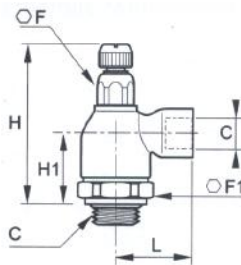


Exhaust code A	Power code B	ØD	C
20571000410	20571010410	4	G1/8
20571000610	20571010610	6	G1/8
20571000613	20571010613	6	G1/4
20571000810	20571010810	8	G1/8
20571000813	20571010813	8	G1/4
20571000817	20571010817	8	G3/8
20571001013		10	G1/4
20571001017		10	G3/8
20571001217		12	G3/8
20571001221		12	G1/2
20571001421		14	G1/2

treated brass body

ØD	C	F	F1	Hmin	Hmax	H1	L	Weight kg
4	G1/8	10	19	47	53	23	21	0,076
6	G1/8	10	19	47	53	23	24,5	0,078
6	G1/4	10	19	47,5	53	23,5	24,5	0,082
8	G1/8	14	19	50	55	24,5	29	0,099
8	G1/4	14	19	50	56	25	29	0,100
8	G3/8	17	25	56	62	27	30,5	0,160
10	G1/4	14	19	50	56	25	35	0,105
10	G3/8	17	25	56	62	27	35	0,154
12	G3/8	17	25	56	62	27	38	0,200
12	G1/2	17	25	55	62	27	38	0,207
14	G1/2	17	25	55	62	27	41	0,205

7110-7111 <<compact>>, threaded connection, cylindrical BSP

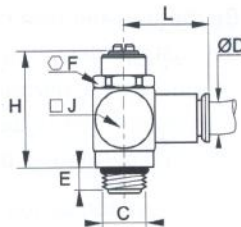


Exhaust code A	Power code B	C
20571101010	20571111010	G1/8
20571101313	20571111313	G1/4
20571101717		G3/8
20571102121		G1/2

treated brass body

C	F	F1	Hmin	Hmax	H1	L	Weight kg
G1/8	10	19	47	52,5	23	22,5	0,076
G1/4	14	19	50,5	55,5	25	32	0,107
G3/8	17	25	56	62	27	34,5	0,212
G1/2	17	25	55	62	27	37,5	0,194

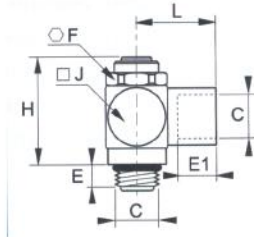
7130 instant connection, metric and cylindrical BSP



Exhaust code A	ØD	C	E	F	H	J	L	Weight kg
20571300419	4	M5x0,8	4	8	17	9	19	0,015
20571300410	4	G1/8	5	13	34	15	20	0,018
20571300619	6	M5x0,8	4	8	17	9	24	0,017
20571300610	6	G1/8	5	13	34	15	22	0,022
20571300613	6	G1/4	8	17	39	18	24	0,027
20571300810	8	G1/8	5	13	34	15	25	0,035
20571300813	8	G1/4	8	17	39	18	28	0,040
20571300817	8	G3/8	7	20	47	21,5	29	0,049
20571301013	10	G1/4	8	17	39	18	30	0,054
20571301017	10	G3/8	7	20	47	21,5	32	0,060
20571301021	10	G1/2	8	23	61	28	34	0,067
20571301217	12	G3/8	7	20	47	22	36	0,075
20571301221	12	G1/2	8	23	61	28	38	0,087

treated brass body

7140 threaded connection, metric and cylindrical BSP

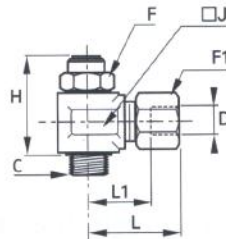


Exhaust code A	C	E	E1	F	H	J	L	Weight kg
20571401919	M5x0,8	4	4	8	21	9	11	0,018
20571401010	G1/8	5	8	13	32	15	17	0,024
20571401313	G1/4	8	12	17	39	18	24	0,036
20571401717	G3/8	7	12	20	47	21,5	27	0,044
20571402121	G1/2	8	15	23	61	28	31	0,062

treated brass body



7160 universal connection, cylindrical BSP

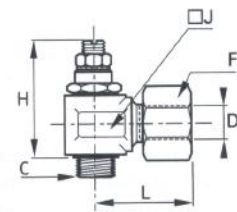


Exhaust code A	∅D	C	F	F1	H	J	L	L1	Weight kg
20571600410	4	G1/8	13	10	26	17	25,5	14,5	0,050
20571600610	6	G1/8	13	13	26	17	25,5	14,5	0,054
20571600613	6	G1/4	17	13	31,5	22	28,5	17,5	0,108
20571600810	8	G1/8	13	14	26	17	29,5	15,5	0,054
20571600813	8	G1/4	17	14	31,5	22	31	17	0,109
20571601013	10	G1/4	17	19	31,5	22	35	19	0,119
20571601017	10	G3/8	20	19	44,5	22	37,5	19	0,186
20571601021	10	G1/2	23	19	50	27	37,5	19	0,201
20571601217	12	G3/8	20	22	44,5	22	38	21,5	0,195
20571601221	12	G1/2	23	22	50	34	38	21,5	0,212

treated brass body



7762 universal connection, cylindrical BSP



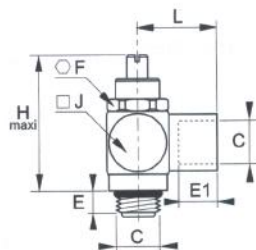
Exhaust code A	∅D	C	F	H	J	L	Weight kg
20577620810*	8	G1/8	14	40	17	28,5	0,054
20577621013	10	G1/4	19	44	22	36,5	0,125
20577621417	14	G3/8	24	65	27	37,5	0,215
20577621821	18	G1/2	30	68,5	34	44	0,403

* with knurled wheel

brass body
bi-material seal



7810-7812 threaded connection, metric and cylindrical BSP



Exhaust code A	Bi-directional code C	C	E	E1	F	H	J	L	Weight kg
20578101919	20578121919	M5x0,8	4	4	8	24	10	11	0,027
20578101010	20578121010	G1/8	5	8	13	38	15	17	0,035
20578101313	20578121313	G1/4	8	12	17	40	18	24	0,048
20578101717	20578121717	G3/8	7	12	20	53	22	2	0,059
20578102121	20578122121	G1/2	8	15	23	69	28	31	0,076

stainless steel body



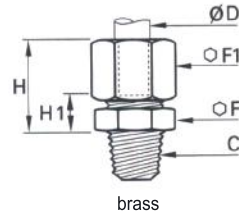
= for food applications

>>> **Universal brass fittings**

Implantation fittings

At www.rodavigo.net Family: Pneumatics
Product: Legris pneumatic fittings

0105 straight fitting, conical BSP male thread

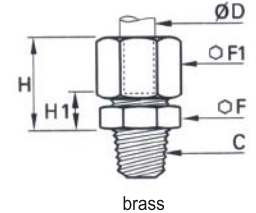


brass

Code	ØD	C	F	F1	Hmax	H1	Weight (kg)
20501050410	4	R1/8	10	10	17	7	0,013
20501050510	5	R1/8	11	12	17,5	7,5	0,017
20501050513	5	R1/4	14	12	17,5	7,5	0,022
20501050610	6	R1/8	11	13	18	7,5	0,017
20501050613	6	R1/4	14	13	18	7,5	0,024
20501050617	6	R3/8	17	13	19	8,5	0,031
20501050810	8	R1/8	13	14	19,5	7	0,021
20501050813	8	R1/4	14	14	19,5	7	0,026
20501050817	8	R3/8	17	14	50,5	8	0,032
20501051010	10	R1/8	17	19	24	9	0,043
20501051013	10	R1/4	17	19	24	9	0,047
20501051017	10	R3/8	17	19	24	9	0,048
20501051021	10	R1/2	22	19	25	10	0,067
20501051213	12	R1/4	19	22	24	9	0,059
20501051217	12	R3/8	19	22	24	9	0,061
20501051221	12	R1/2	22	22	25	10	0,076
20501051413	14	R1/4	22	24	25	8	0,067
20501051417	14	R3/8	22	24	25	8	0,069
20501051421	14	R1/2	22	24	26	9	0,079
20501051427	14	R3/4	27	24	27	10	0,105
20501051517	15	R3/8	22	24	25	8	0,064
20501051521	15	R1/2	22	24	26	9	0,075
20501051613	16	R1/4	24	27	27	9,5	0,091
20501051617	16	R3/8	24	27	27	9,5	0,092
20501051621	16	R1/2	24	27	27	9,5	0,100
20501051627	16	R3/4	27	27	28	10,5	0,120
20501051821	18	R1/2	27	30	30	10,5	0,130
20501051827	18	R3/4	27	30	30	10,5	0,140
20501052021	20	R1/2	30	32	32	11	0,148
20501052027	20	R3/4	30	32	32	11	0,156
20501052221	22	R1/2	32	36	33	11	0,180
20501052227	22	R3/4	32	36	33	11	0,193
20501052234	22	R1"	36	36	33	11	0,226
20501052527	25	R3/4	36	41	36	11	0,263
20501052534	25	R1"	36	41	36	11	0,277
20501052827	28	R3/4	41	42	36	11	0,272
20501052834	28	R1"	41	42	36	11	0,287

On request they can be manufactured with conical metric threads or NPT Briggs.

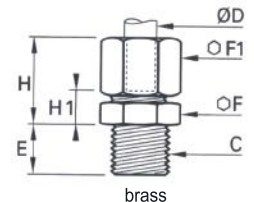
0105 straight fitting, NPT male thread



brass

Code	ØD	C	F	F1	Hmax	H1	Weight (kg)
20501050611	6	1/8	11	13	18	7,5	0,018
20501050614	6	1/4	14	13	18	7,5	0,028
20501050811	8	1/8	13	14	21	7	0,021
20501050814	8	1/4	14	14	18,5	7	0,026
20501051014	10	1/4	17	19	24	9	0,047
20501051018	10	3/8	17	19	24	9	0,048
20501051022	10	1/2	22	19	25	10	0,067

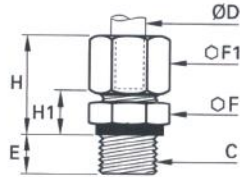
0101 straight fitting, cylindrical metric male thread



brass

Code	ØD	C	E	F	F1	Hmax	H1	Weight (kg)
20501010455	4	M7x1	6,5	10	10	16,5	7,5	0,013
20501010456	4	M8x1	6,5	11	10	16,5	7,5	0,013
20501010556	5	M7x1	6,5	11	12	17,5	8	0,016
20501010560	5	M8x1	6,5	14	12	17,5	8,5	0,021
20501010660	6	M10x1	6,5	14	13	18	8,5	0,022
20501010662	6	M10x1	6,5	14	13	18	8,5	0,021
20501010865	8	M10x1,5	8	17	14	19,5	9	0,031
20501010866	8	M12x1	8	17	14	19,5	9	0,031
20501010868	8	M12x1,25	8	17	14	19,5	9	0,032
20501011070	10	M13x1,25	8	17	19	24	11	0,047
20501011071	10	M14x1,25	8	17	19	24	11	0,047
20501011074	10	M14x1,5	9	19	19	24	11	0,052
20501011075	10	M16x1,5	9	19	19	24	11	0,054
20501011078	10	M18x1,5	9	22	19	24	11,5	0,060
20501011274	12	M16x1,25	9	19	22	24	11	0,062
20501011275	12	M16x1,5	9	19	22	24	11	0,060
20501011278	12	M18x1,5	9	22	22	24	11,5	0,070
20501011478	14	M18x1,5	9	22	24	25	10,5	0,075
20501011480	14	M20x1,5	10	24	24	25	11	0,085
20501011578	15	M18x1,5	9	22	24	25	10,5	0,072
20501011680	16	M20x1,5	10	24	27	27	12,5	0,104
20501011682	16	M22x1,5	10	27	27	27	12,5	0,113
20501011882	18	M22x1,5	10	27	30	29,5	12,5	0,131
20501011883	18	M24x1,5	11	30	30	29,5	13	0,142

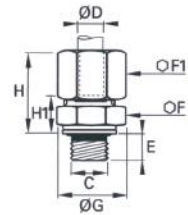
0101 straight fitting, M5 and cylindrical BSP male thread



brass with safety pin

Code	ØD	C	E	F	F1	Hmax	H1	Weight (kg)
20501010419	4	M5x0,8	5	10	10	16,5	8	0,012
20501010410	4	G1/8	6,5	13	10	16,5	8	0,017
20501010510	5	G1/8	6,5	13	12	17,5	8,5	0,019
20501010610	6	G1/8	6,5	13	13	18	8,5	0,022
20501010613	6	G1/4	8	17	13	18	9,5	0,034
20501010810	8	G1/8	6,5	13	14	19	8,5	0,023
20501010813	8	G1/4	8	17	14	19,5	9	0,034
20501010817	8	G3/8	11	22	14	20	10,5	0,046
20501011013	10	G1/4	8	17	19	24	11	0,049
20501011017	10	G3/8	11	22	19	24	11,5	0,061
20501011213	12	G1/4	8	19	22	24	11	0,062
20501011217	12	G3/8	11	22	22	24	11,5	0,072
20501011221	12	G1/2	12	27	22	24	12	0,090
20501011417	14	G3/8	11	22	24	25	10,5	0,074
20501011421	14	G1/2	12	27	24	25	11	0,097
20501011517	15	G3/8	11	22	24	25	10,5	0,071
20501011521	15	G1/2	12	27	24	25	11	0,112
20501011617	16	G3/8	11	22	27	27	12	0,090
20501011621	16	G1/2	12	27	27	27	12,5	0,110
20501011821	18	G1/2	12	27	30	29,5	12,5	0,136
20501011827	18	G3/4	13	32	30	29,5	13	0,153
20501012027	20	G3/4	13	32	32	31	13	0,163
20501012227	22	G3/4	13	32	36	32	13	0,195
20501012234	22	G1"	15	41	36	31	13,5	0,260
20501012527	25	G3/4	13	36	41	35,5	13	0,262
20501012534	25	G1"	15	41	41	35,5	13	0,306
20501012834	28	G1"	15	41	42	35,5	13,5	0,398

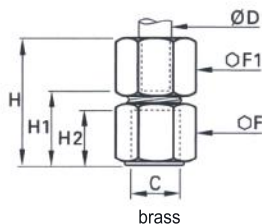
0101 ... 39 straight fitting, cylindrical BSP male thread



brass with bi-material seal

Code	ØD	C	E	F	F1	G	H	H1	Weight (kg)
2050101041039	4	G1/8	5,5	13	10	14	17,5	9	0,017
2050101051039	5	G1/8	5,5	13	12	14	18,5	9,5	0,019
2050101061039	6	G1/8	5,5	13	13	14	19	9,5	0,022
2050101061339	6	G1/4	7	17	13	17	19	10,5	0,034
2050101081039	8	G1/8	5,5	13	14	14	20	9,5	0,023
2050101081339	8	G1/4	7	17	14	17	20,5	10	0,034
2050101081739	8	G3/8	9,5	22	14	22	21,5	12	0,046
2050101101339	10	G1/4	7	17	19	17	25	12	0,049
2050101101739	10	G3/8	9,5	22	19	22	25,5	13	0,061
2050101121339	12	G1/4	7	19	22	17	25	12	0,062
2050101121739	12	G3/8	9,5	22	22	22	25	13	0,072
2050101122139	12	G1/2	10,5	27	22	26	25	13,5	0,090
2050101141739	14	G3/8	9,5	22	24	22	26,5	12	0,074
2050101142139	14	G1/2	10,5	27	24	26	26,5	12,5	0,097
2050101151739	15	G3/8	9,5	22	24	22	26,5	12	0,071
2050101152139	15	G1/2	10,5	27	24	26	26,5	12,5	0,112
2050101161739	16	G3/8	9,5	22	27	22	28,5	13,5	0,090
2050101162139	16	G1/2	10,5	27	27	26	28,5	14	0,110
2050101182139	18	G1/2	10,5	27	30	26	31	14	0,136
2050101182739	18	G3/4	11,5	32	30	32	31	14,5	0,153
2050101202739	20	G3/4	11,5	32	32	32	32,5	14,5	0,163
2050101222739	22	G3/4	11,5	32	36	32	33,5	14,5	0,195
2050101223439	22	G1"	13	41	36	39,5	33	15,5	0,260
2050101252739	25	G3/4	11,5	36	41	32	37	14,5	0,262
2050101253439	25	G1"	13	41	41	39,5	37,5	15,5	0,306
2050101283439	28	G1"	13	41	42	39,5	37,5	15,5	0,398

0114 straight fitting, cylindrical BSP female thread



brass

Code	ØD	C	F	F1	Hmax	H1	H2	Weight (kg)
20501140410	4	G1/8	14	10	26	16,5	9,5	0,021
20501140413	4	G1/4	17	10	30	20,5	13,5	0,029
20501140510	5	G1/8	14	12	28	17	9,5	0,024
20501140513	5	G1/4	17	12	31	21	13,5	0,033
20501140610	6	G1/8	14	13	28	17	9,5	0,025
20501140613	6	G1/4	17	13	32	21	13,5	0,034
20501140617	6	G3/8	22	13	32	21,5	14	0,051
20501140810	8	G1/8	14	14	29	16,5	9,5	0,027
20501140813	8	G1/4	17	14	33	20,5	13,5	0,035
20501140817	8	G3/8	22	14	34	21	14	0,052
20501141013	10	G1/4	17	19	37	21,5	13,5	0,051

Code	ØD	C	F	F1	Hmax	H1	H2	Weight (kg)
20501141017	10	G3/8	22	19	37	22	14	0,069
20501141021	10	G1/2	27	19	42	26,5	18,5	0,100
20501141213	12	G1/4	19	22	36	20,5	13,5	0,069
20501141217	12	G3/8	22	22	37	22	14	0,077
20501141221	12	G1/2	27	22	42	26,5	18,5	0,109
20501141413	14	G1/4	22	24	36	18,5	13,5	0,084
20501141417	14	G3/8	22	24	38	21	14	0,081
20501141421	14	G1/2	27	24	43	25,5	18,5	0,112
20501141517	15	G3/8	22	24	38	21	14	0,077
20501141521	15	G1/2	27	24	43	25,5	18,5	0,109
20501141613	16	G1/4	24	27	36	18	13,5	0,110
20501141617	16	G3/8	24	27	38	20,5	14	0,106
20501141621	16	G1/2	27	27	44	26	18,5	0,129
20501141817	18	G3/8	27	30	39	19,5	14	0,141
20501141821	18	G1/2	27	30	45	26	18,5	0,146
20501141827	18	G3/4	32	30	46	27	19,5	0,168
20501142017	20	G3/8	30	32	38	18	14	0,162
20501142021	20	G1/2	30	32	44,5	24	18,5	0,174
20501142027	20	G3/4	32	32	47	26,5	19,5	0,171
20501142227	22	G3/4	32	36	48	26,5	19,5	0,201
20501142527	25	G3/4	36	41	50,5	26	19,5	0,298



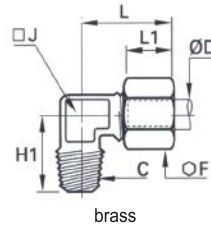
>>> **Universal brass fittings**



Implantation fittings

At www.rodavigo.net Family: Pneumatics
Product: Legris pneumatic fittings

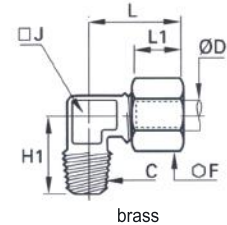
0109 elbow fitting, conical BSP male thread



Code	ØD	C	F	H1	J	Lmax	L1	Weight (kg)
20501090410	4	R1/8	10	17	8	19	9,5	0,017
20501090413	4	R1/4	10	20	10	19	11	0,024
20501090510	5	R1/8	12	17,5	8	21	11	0,019
20501090513	5	R1/4	12	21,5	10	22	12	0,029
20501090610	6	R1/8	13	18	8	22	11	0,021
20501090613	6	R1/4	13	21,5	10	22	12	0,030
20501090810	8	R1/8	14	18,5	10	28	15	0,028
20501090813	8	R1/4	14	22	10	28	15	0,033
20501090817	8	R3/8	14	24	12	28	15	0,044
20501091013	10	R1/4	19	25	12	30	14,5	0,052
20501091017	10	R3/8	19	25,5	12	30	14,5	0,061
20501091021	10	R1/2	19	32	19	36	21	0,105
20501091213	12	R3/8	22	26	15	30	15	0,074
20501091217	12	R1/2	22	27	15	30	15	0,077
20501091221	12	R1/4	22	32	19	36	21	0,117
20501091417	14	R3/8	24	30	19	35	18	0,103
20501091421	14	R1/2	24	32	19	35	18	0,107
20501091517	15	R3/8	24	30	19	35	18	0,104
20501091521	15	R1/2	24	32	19	35	18	0,104
20501091617	16	R3/8	27	30	19	39	21	0,118
20501091621	16	R1/2	27	33,5	19	39	21	0,134
20501091627	16	R3/4	27	36,5	23	41	23	0,186
20501091821	18	R1/2	30	35,5	23	41	21,5	0,175
20501091827	18	R3/4	30	36,5	23	41	21,5	0,201
20501092021	20	R1/2	32	36,5	23	42	21,5	0,174
20501092027	20	R3/4	32	38	23	42	21,5	0,274
20501092227	22	R3/4	36	40	27	50	30	0,294
20501092234	22	R1"	36	44	27	50	30	0,322
20501092527	25	R3/4	41	43	27	54	30	0,330
20501092534	25	R1"	41	44	27	54	30	0,360
20501092827	28	R3/4	42	46	32	54	30	0,364
20501092834	28	R1"	42	48	32	54	30	0,380

On request they can be manufactured with metric conical threads or Briggs NPT threads

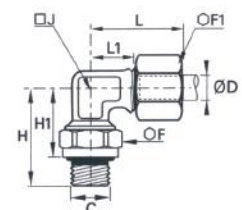
0109 elbow fitting, NPT male thread



Code	ØD	C	F	H1	J	Lmax	L1	Weight (kg)
20501090611	6	1/8	13	18	8	22	11	0,021
20501090614	6	1/4	13	21,5	10	22	12	0,030
20501090811	8	1/8	14	18,5	10	28	15	0,028
20501090814	8	1/4	14	22	10	28	15	0,033
20501091014	10	1/4	19	25	12	30	14,5	0,052

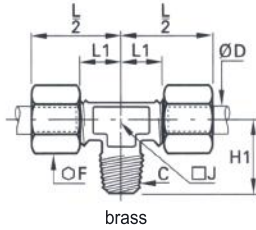
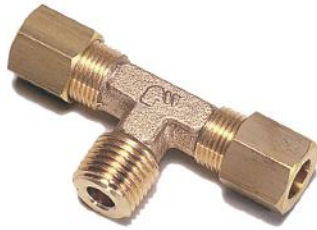
0199 stud elbow fitting, cylindrical BSP male thread

Code	ØD	C	F	G	F1	H	H1min	H1max	J	L	L1	Weight (kg)
20501990410	4	G1/8	14	15	10	23	16	17	8	19	9,5	0,017
20501990413	4	G1/4	19	21	10	30,5	22	23,5	10	19	11	0,024
20501990610	6	G1/8	14	15	13	23	16	17	8	22	11	0,021
20501990613	6	G1/4	19	21	13	30,5	22	23,5	10	22	12	0,030
20501990810	8	G1/8	14	15	14	24	17	18	10	28	15	0,028
20501990813	8	G1/4	19	21	14	30,5	22	23,5	10	28	15	0,033
20501990817	8	G3/8	22	24	14	33,5	24	25,5	12	28	15	0,044
20501991013	10	G1/4	19	21	19	31	22,5	24	12	30	14,5	0,052
20501991017	10	G3/8	22	24	19	33,5	24	25,5	12	30	14,5	0,061
20501991021	10	G1/2	27	29,5	19	40	39,5	31	19	37	22	0,105
20501991417	14	G3/8	22	24	24	35,5	26	27,5	19	35	18	0,103
20501991421	14	G1/2	27	29,5	24	40	29,5	31	19	35	18	0,107
20501991821	18	G1/2	27	29,5	30	40	29	30,5	23	41	21,5	0,175
20501991827	18	G3/4	32	35	30	43,5	32	33,5	23	41	21,5	0,201
20501992227	22	G3/4	32	35	36	45,5	34	36	32	51	31	0,294
20501992234	22	G1"	41	45	36	54	40,5	43	32	51	31	0,322
20501992834	28	G1"	41	45	42	54	40,5	43	32	54	30	0,380



brass with H.R. polymer seal

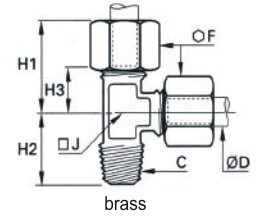
0108 tee fitting, conical BSP central male thread



Code	ØD	C	F	H1	J	L/2	L1	Weight (kg)
20501080410	4	R1/8	10	17	8	19	9,5	0,026
20501080510	5	R1/8	12	17,5	8	21	11	0,031
20501080610	6	R1/8	13	18	8	22	11	0,033
20501080613	6	R1/4	13	21,5	10	27	16	0,050
20501080810	8	R1/8	14	18,5	10	28	15	0,046
20501080813	8	R1/4	14	22	10	28	15	0,049
20501080817	8	R3/8	14	24	12	28	15	0,063
20501081013	10	R1/4	19	25	12	30	14,5	0,085
20501081017	10	R3/8	19	25,5	12	30	14,5	0,093
20501081213	12	R1/4	22	26	15	30	15	0,115
20501081217	12	R3/8	22	27	15	30	15	0,118
20501081417	14	R3/8	24	30	19	35	18	0,156
20501081421	14	R1/2	24	32	19	35	18	0,193
20501081517	15	R3/8	24	30	19	35	18	0,145
20501081521	15	R1/2	24	32	19	35	18	0,156
20501081617	16	R3/8	27	30	19	39	21	0,190
20501081621	16	R1/2	27	33,5	19	39	21	0,200
20501081821	18	R1/2	30	33,5	23	41	21,5	0,264
20501081827	18	R3/4	30	36,5	23	41	21,5	0,270
20501082027	20	R3/4	32	38	23	42	21,5	0,280
20501082227	22	R3/4	36	40	27	50	29	0,440
20501082234	22	R1"	36	44	27	50	29	0,477

On request they can be manufactured with conical metric threads or Briggs NPT threads.

0103 tee fitting, conical BSP side male thread

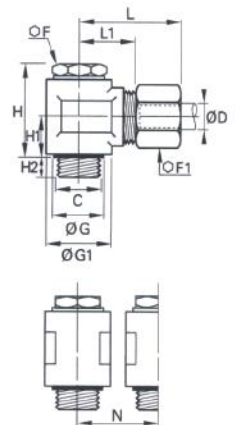


Code	ØD	C	F	Hmax	H2	H3	J	Weight (kg)
20501030410	4	R1/8	10	19	17	9,5	8	0,026
20501030510	5	R1/8	12	21	17,5	11	8	0,031
20501030610	6	R1/8	13	22	18	11	8	0,031
20501030613	6	R1/4	13	27	21,5	16	10	0,049
20501030810	8	R1/8	14	28	18,5	15	10	0,044
20501030813	8	R1/4	14	28	22	15	10	0,050
20501030817	8	R3/8	14	28	24	15	12	0,062
20501031013	10	R1/4	19	30	25	14,5	12	0,085
20501031017	10	R3/8	19	30	25,5	14,5	12	0,092
20501031213	12	R1/4	22	30	26	15	15	0,113
20501031217	12	R3/8	22	30	27	15	15	0,120
20501031417	14	R3/8	24	35	30	18	19	0,156
20501031421	14	R1/2	24	35	32	18	19	0,166
20501031517	15	R3/8	24	35	30	18	19	0,141
20501031521	15	R1/2	24	35	32	18	19	0,151
20501031617	16	R3/8	27	39	30	21	19	0,189
20501031621	16	R1/2	27	39	33,5	21	19	0,199
20501031821	18	R1/2	30	41	35,5	21,5	23	0,263
20501031827	18	R3/4	30	41	36,5	21,5	23	0,281
20501032027	20	R3/4	32	42	38	21,5	23	0,295
20501032227	22	R3/4	36	50	40	29	27	0,428

On request they can be manufactured with conical metric threads or Briggs NPT threads.

0118 ... 39 simple "banjo", stud elbow with screw cylindrical BSP male thread

Code	ØD	C	F	F1	G	G1	H	H1	H2	L	L1	N	Weight (kg)
2050118041039	4	G1/8	14	10	14	14	23	9,5	6,5	24	14,5	17,5	0,042
2050118051039	5	G1/8	14	12	14	14	23	9,5	6,5	25	14,5	17,5	0,044
2050118051339	5	G1/4	17	12	17	17	24	10	8	26	16	21	0,060
2050118061039	6	G1/8	14	13	14	14	23	9,5	6,5	25	14,5	17,5	0,045
2050118061339	6	G1/4	17	13	17	17	24	10	8	26	16	21	0,060
2050118081039	8	G1/8	14	14	14	17	23	9,5	6,5	28	15,5	17,5	0,057
2050118081339	8	G1/4	17	14	17	17	24	10	8	28	15,5	21	0,062
2050118081739	8	G3/8	22	14	22	22	31,5	13,5	7,5	30	18	26,5	0,115
2050118101339	10	G1/4	17	19	17	22	30	13	7,5	34	19	23	0,120
2050118101739	10	G3/8	22	19	22	22	31,5	13,5	7,5	34	19	26,5	0,129
2050118121339	12	G1/4	17	22	17	22	33	14,5	8	34	19	23	0,130
2050118121739	12	G3/8	22	22	22	22	34,5	15	10,5	34	19	26,5	0,136
2050118141339	14	G1/4	17	24	17	27	36	16	8	37	20,5	28	0,191
2050118141739	14	G3/8	22	24	22	27	37,5	16,5	8,5	37	20,5	28	0,198
2050118142139	14	G1/2	27	24	26	27	39	16,5	10	38	20,5	32,5	0,212
2050118151739	15	G3/8	22	24	22	27	37,5	16,5	8,5	37	20,5	28	0,191
2050118152139	15	G1/2	27	24	26	27	40	16,5	10	38	20,5	32,5	0,201
2050118162139	16	G1/2	27	27	26	27	40	16,5	10	38	21	32,5	0,230
2050118182139	18	G1/2	27	30	26	34	47	20	9	43	24,5	36	0,379
2050118202739	20	G3/4	32	32	32	34	50	20,5	13	44	24,5	39	0,386
2050118222739	22	G3/4	32	36	32	34	54	22,5	12	45	24,5	39	0,455



Useful length of threads (E) of codes 0118



C	G1/8	G1/4	G3/8	G1/2	G3/4
E	4,5	6	8	9	10

brass with bi-material seal



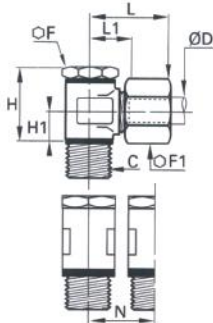
>>> **Universal brass fittings**



Implantation fittings

At www.rodavigo.net Family: Pneumatics
Product: Legris pneumatic fittings

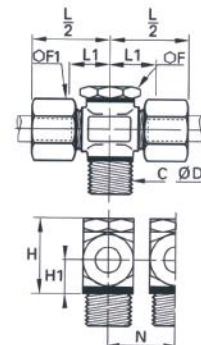
0118 simple "banjo", stud elbow with screw cylindrical BSP male thread



brass with safety pin

Code	ØD	C	F	F1	H	H1	Lmax	L1	Nmin	Weight (kg)
20501180410	4	G1/8	14	10	24	9,5	24	14,5	17,5	0,039
20501180510	5	G1/8	14	12	24	9,5	25	14,5	17,5	0,042
20501180513	5	G1/4	17	12	25	10	26	16	21	0,056
20501180610	6	G1/8	14	13	24	9,5	25	14,5	17,5	0,043
20501180613	6	G1/4	17	13	25	10	26	16	21	0,056
20501180810	8	G1/8	14	14	24	9,5	28	15,5	17,5	0,054
20501180813	8	G1/4	17	14	25	10	28	15,5	21	0,057
20501180817	8	G3/8	22	14	32	13	30	18	26,5	0,112
20501181013	10	G1/4	17	19	31	13	34	19	23	0,117
20501181017	10	G3/8	22	19	32	13	34	19	26,5	0,126
20501181213	12	G1/4	17	22	34	14,5	34	19	23	0,128
20501181217	12	G3/8	22	22	35	14,5	34	19	26,5	0,134
20501181413	14	G1/4	17	24	37	16	37	20,5	28	0,188
20501181417	14	G3/8	22	24	38	16	37	20,5	28	0,194
20501181421	14	G1/2	27	24	40	16	38	20,5	32,5	0,208
20501181517	15	G3/8	22	24	38	16	37	20,5	28	0,188
20501181521	15	G1/2	27	24	40	16	38	20,5	32,5	0,198
20501181621	16	G1/2	27	27	42	16	38	21	32,5	0,226
20501181821	18	G1/2	27	30	46	19,5	43	24,5	36	0,375
20501182027	20	G3/4	32	32	49	20	44	24,5	39	0,383
20501182227	22	G3/4	32	36	53	22	45	24,5	39	0,455

0119 double "banjo", stud tee with screw, cylindrical BSP male thread



brass with safety pin

Code	ØD	C	F	F1	H	H1	L/2	L1	Nmin	Weight (kg)
20501190410	4	G1/8	14	10	24	9,5	24	14,5	17,5	0,048
20501190610	6	G1/8	14	13	24	9,5	25	14,5	17,5	0,055
20501190613	6	G1/4	17	13	25	10	26,5	16	21	0,071
20501190810	8	G1/8	14	14	24	9,5	28	15,5	17,5	0,071
20501190813	8	G1/4	17	14	25	10	28	15,5	21	0,074
20501190817	8	G3/8	22	14	32	13	30,5	18	26,5	0,139
20501191013	10	G1/4	17	19	31	13	34	19	23	0,156
20501191017	10	G3/8	22	19	32	13	34	19	26,5	0,171
20501191213	12	G1/4	17	22	34	14,5	34	19	23	0,156
20501191217	12	G3/8	22	22	35	14,5	34	19	26,5	0,181
20501191413	14	G1/4	17	24	37	16	37,5	20,5	28	0,248
20501191417	14	G3/8	22	24	38	16	37,5	20,5	28	0,243
20501191421	14	G1/2	27	24	40	16	38	20,5	32,5	0,257
20501191621	16	G1/2	27	27	42	16	38,5	21	32,5	0,295

On request they can be manufactured with a metric thread fixing screw

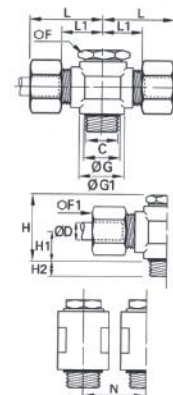
Useful length of cylindrical threads (E) of the 0119 codes



C	G1/8	G1/4	G3/8	G1/2	G3/4
E	4,5	6	8	9	10

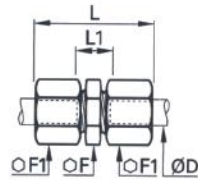
0119 ... 39 double "banjo", stud tee with screw, cylindrical BSP male thread

Code	ØD	C	F	F1	G	G1	H	H1	H2	L	L1	N	Weight (kg)
2050119041039	4	G1/8	14	10	14	14	23	9,5	6,5	24	14,5	17,5	0,049
2050119051039	5	G1/8	14	12	14	14	23	9,5	6,5	25	14,5	17,5	0,049
2050119051339	5	G1/4	17	12	17	17	24	10	8	26	16	21	0,051
2050119061039	6	G1/8	14	13	14	14	23	9,5	6,5	25	14,5	17,5	0,055
2050119061339	6	G1/4	17	13	17	17	24	10	8	26	16	21	0,071
2050119081039	8	G1/8	14	14	14	17	23	9,5	6,5	28	15,5	17,5	0,071
2050119081339	8	G1/4	17	14	17	17	24	10	8	28	15,5	21	0,074
2050119081739	8	G3/8	22	14	22	22	31,5	13,5	7,5	30	18	26,5	0,139
2050119101339	10	G1/4	17	19	17	22	30	13	7,5	34	19	23	0,156
2050119101739	10	G3/8	22	19	22	22	31,5	13,5	7,5	34	19	26,5	0,171
2050119121339	12	G1/4	17	22	17	22	33	14,5	8	34	19	23	0,156
2050119121739	12	G3/8	22	22	22	22	34,5	15	10,5	34	19	26,5	0,181
2050119141339	14	G1/4	17	24	17	27	36	16	8	37	20,5	28	0,248
2050119141739	14	G3/8	22	24	22	27	37,5	16,5	8,5	37	20,5	28	0,243
2050119142139	14	G1/2	27	24	26	27	39	16,5	10	38	20,5	32,5	0,257
2050119151739	15	G3/8	22	24	22	27	37,5	16,5	8,5	37	20,5	28	0,270
2050119152139	15	G1/2	27	24	26	27	40	16,5	10	38	20,5	32,5	0,278
2050119162139	16	G1/2	27	27	26	27	40	16,5	10	38	21	32,5	0,295
2050119182139	18	G1/2	27	30	26	34	47	20	9	43	24,5	36	0,312
2050119202739	20	G3/4	32	32	32	34	50	20,5	13	44	24,5	39	0,320
2050119222739	22	G3/4	32	36	32	34	54	22,5	12	45	24,5	39	0,330



brass with bi-material seal

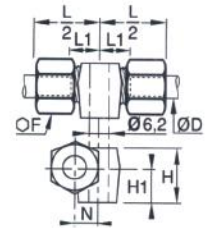
0106 double equal union



brass

Code	ØD	F	F1	Lmax	L1	Weight (kg)
20501060400	4	10	10	28	10	0,017
20501060500	5	11	12	31	11	0,024
20501060600	6	11	13	32	11	0,026
20501060800	8	13	14	36	10	0,031
20501061000	10	17	19	42	13	0,070
20501061200	12	19	22	42	13	0,092
20501061400	14	22	24	45	11	0,096
20501061500	15	22	24	45	11	0,104
20501061600	16	24	27	48	13	0,142
20501061800	18	27	30	53	14	0,191
20501062000	20	30	32	56	14	0,216
20501062200	22	32	36	60	14	0,280
20501062500	25	36	41	64	14	0,398
20501062800	28	42	41	64	14	0,400

0113 double equal union with fixing

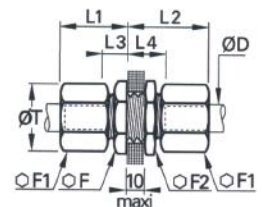


brass

Code	ØD	F	H	H1	L2	L1	N	Weight (kg)
20501130400	4	10	10,5	7	19	9,5	6	0,022
20501130600	6	13	13	9	20,5	10	7	0,033
20501130800	8	14	14,5	9,5	23,5	11	8	0,040
20501131000	10	19	19,5	12,5	26	11	9	0,081
20501131200	12	22	22	14	26,5	12	11	0,109
20501131400	14	24	25	16	28	11	12	0,122

0116 bulkhead equal double union

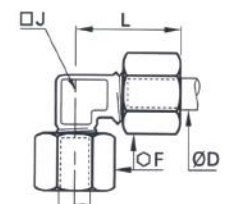
Code	ØD	F	F1	F2	Lmax	L2max	L3	L4	T _{MIN}	Weight (kg)
20501160400	4	10	10	13	17	27	7	17	8,3	0,024
20501160500	5	13	12	14	18	28	7,5	17,5	10,3	0,035
20501160600	6	13	13	14	19	28	7,5	17,5	10,3	0,037
20501160800	8	14	14	17	20	29	7	17	12,3	0,047
20501161000	10	19	19	22	25	33	9	19	16,5	0,101
20501161200	12	22	22	22	25	33	9	19	18,5	0,125
20501161400	14	24	24	24	25	35	8	18	20,5	0,143
20501161500	15	24	24	24	25	35	8	18	20,5	0,133
20501161600	16	27	27	27	28	36	9,5	19,5	22,5	0,191
20501161800	18	27	30	30	30	40	10,5	20,5	24,5	0,244
20501162000	20	32	30	32	31	41	11	21	27,5	0,268
20501132200	22	36	36	36	32	42	11	21	30,5	0,372
20501132500	25	36	41	38	36	46	11	21	33,5	0,475



brass

0102 equal elbow

Code	ØD	F	J	Lmax	Weight (kg)
20501020400	4	10	5	19	0,017
20501020500	5	12	8	21	0,024
20501020600	6	13	8	22	0,027
20501020800	8	14	10	28	0,038
20501021000	10	19	12	30	0,072
20501021200	12	22	15	30	0,097
20501021400	14	24	19	35	0,131
20501021500	15	24	19	35	0,119
20501021600	16	27	19	39	0,164
20501021800	18	30	23	41	0,230
20501022000	20	32	23	42	0,236
20501022200	22	36	27	50	0,376
20501022500	25	41	27	54	0,464
20501022800	28	42	32	54,5	0,460



brass



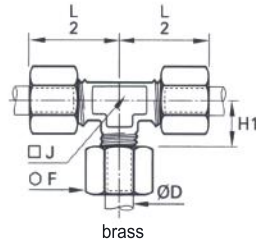
>>> **Universal brass fittings**



Union fittings

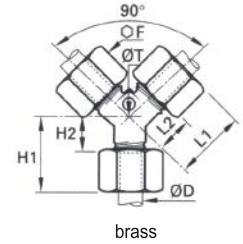
At www.rodavigo.net Family: Pneumatics
Product: Legris pneumatic fittings

0104 equal T



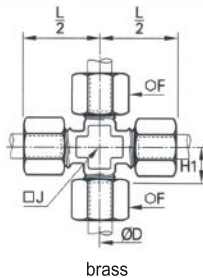
Code	ØD	F	H1	J	L/2	Weight (kg)
20501040400	4	10	9,5	8	19	0,029
20501040500	5	12	11	8	21	0,035
20501040600	6	13	11	8	22	0,040
20501040800	8	14	15	10	28	0,055
20501041000	10	19	14,5	12	30	0,103
20501041200	12	22	15	15	30	0,139
20501041400	14	24	18	19	35	0,188
20501041500	15	24	18	19	35	0,168
20501041600	16	27	21	19	39	0,236
20501041800	18	30	21,5	23	41	0,322
20501042000	20	32	21,5	23	42	0,324
20501042200	22	36	29	27	50	0,518
20501042500	25	41	29	27	54	0,646
20501042800	28	42	30	32	55	0,650

0142 equal "Y"



Code	ØD	F	Hmax	H2	L1max	L2	T	Weight (kg)
20501420400	4	10	16,5	7	26,5	17	4,2	0,032
20501420500	5	12	18,5	8,5	27	17	4,2	0,046
20501420600	6	13	19,5	8,5	28	17	4,2	0,050
20501420800	8	14	21	8	30	17	6,2	0,062
20501421000	10	19	24,5	9	37,5	22	6,2	0,130
20501421200	12	22	26	11	38	23	6,2	0,171
20501421400	14	24	28	11	41,5	24,5	6,2	0,199
20501421500	15	24	28	11	41,5	24,5	6,2	0,177
20501421600	16	27	30	12	43	25	6,2	0,257
20501421800	18	30	31,5	12	50,5	31	6,2	0,350
20501422000	20	32	33,5	13	51,5	31	10,2	0,410
20501422200	22	36	34	13	53	32	10,2	0,543
20501422500	25	41	39	14	59	34	10,2	0,728

0107 equal cross

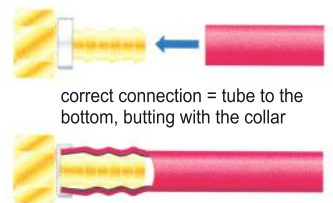


Code	ØD	F	H1	J	L/2	Weight (kg)
20501070400	4	10	9,5	8	19	0,037
20501070500	5	12	11	8	21	0,048
20501070600	6	13	11	8	22	0,053
20501070800	8	14	15	11	28	0,074
20501071000	10	19	14,5	14	30	0,143
20501071200	12	22	15	15	30	0,185
20501071400	14	24	18	20	35	0,241
20501071500	15	24	18	20	35	0,223
20501071600	16	27	21	20	39	0,311
20501071800	18	30	21,5	25	41	0,431
20501072000	20	32	21,5	25	42	0,442
20501072200	22	36	29	27	50	0,682
20501072500	25	41	29	27	50	0,811

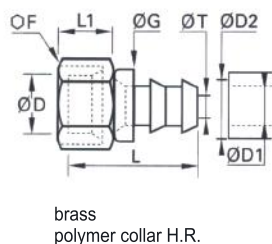
Tailpiece quick couplings for self-retracting flexible pipe

Mounted exclusively on the self-retracting flexible tubes (see Technical Tubes chapter), the Legris tailpiece quick couplings are perfectly adapted to the latest needs in the industry, such as robotization for example.

The gripping system of the tailpiece quick couplings, makes them quick and easy to mount:
- without the need for clamps neither additives (grease, oil ...) neither preparation time.
Correct mounting is achieved by simply pushing the tube all the way down, butting against the gray collar.
- disassembly is done by cutting the self-retracting flexible tube with the help of a knife on the ribbed part of the tailpiece.



0132 tailpiece quick coupling for universal brass fitting



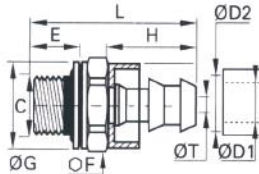
Code	ØD	Ø	ØD1	ØD2	F	G	L	L1	T	Weight (kg)
20501320656	6	1/4	6,3	13	12	16,5	32,5	12,5	4,8	0,012
20501320856	8	1/4	6,3	13	14	16,5	29,5	11,5	4,8	0,014
20501321056	10	1/4	6,3	13	19	16,5	30	14	4,8	0,027
20501321060	10	3/8	9,5	16	19	19,5	34	14	7,5	0,035
20501321460	14	3/8	9,5	16	24	19,5	35,5	15	7,5	0,049
20501321462	14	1/2	12,7	19	24	23,5	39,5	15	10	0,054
20501321862	18	1/2	12,7	19	30	23,5	41,5	17	10	0,092
20501321866	18	5/8	15,9	23	30	27	50	17	13,5	0,090
20501322269	22	3/4	19,1	27	36	30,5	56,5	17	16	0,128

At www.rodavigo.net

Family: Pneumatics
Product: Legris pneumatic fittings

Tailpiece quick couplings for self-retracting flexible pipe

0133...39 tailpiece quick coupling with male thread, cylindrical BSP



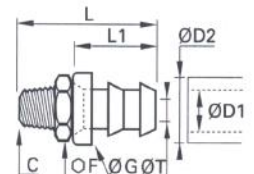
Code	C	ØD	ØD1	ØD2	E	F	G	H	L	T	Weight (kg)
2050133561039	G1/8	1/4	6,3	13	5,5	13	14	20	31,5	4,8	0,012
2050133561339	G1/4	1/4	6,3	13	7	17	17	20	33,5	4,8	0,020
2050133601339	G1/4	3/8	6,3	16	7	17	17	24	37,5	7,5	0,021
2050133601739	G3/8	3/8	9,5	16	9,5	22	22	24	42,5	7,5	0,035
2050133621739	G3/8	1/2	9,5	19	9,5	22	22	28	46,5	10	0,038
2050133622139	G1/2	1/2	12,7	19	10,5	27	26	28	48,5	10	0,064
2050133662139	G1/2	5/8	12,7	23	10,5	27	26	36,5	57	13,5	0,057
2050133662739	G3/4	5/8	15,9	23	11,5	32	32	36,5	59	13,5	0,101
2050133692739	G3/4	3/4	19,1	27	11,5	32	32	43	65,5	16	0,107

brass with bi-material seal
polymer collar H.R.

Max tightening torque for 0132 models.

ØD	6	8	10	14	18	22
for maxi in m.daN	0,7	1,5	1,8	3,5	6	7

0134 tailpiece quick coupling with male thread, conical BSP

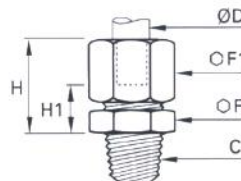


Code	C	ØD	ØD1	ØD2	F	G	L	L1	T	Weight (kg)
20501345610	R1/8	1/4	6,3	13	14	16,5	32,5	20	4,8	0,012
20501345613	R1/4	1/4	6,3	13	14	16,5	37	20	4,8	0,020
20501346013	R1/4	3/8	9,5	16	14	19,5	41	24	7,5	0,021
20501346017	R3/8	3/8	9,5	16	19	19,5	41,5	24	7,5	0,035
20501346217	R3/8	1/2	12,7	19	19	23,5	45,5	28	10	0,038
20501346221	G1/2	1/2	12,7	19	22	23,5	50	28	10	0,064
20501346621	G1/2	5/8	15,9	23	22	27	58,5	36,5	13,5	0,057
20501346627	G3/4	5/8	15,9	23	27	27	60,5	36,5	13,5	0,101
20501346927	G3/4	3/4	19,1	27	27	30,5	67	43	16	0,107

brass
polymer collar H.R.

Implantation fittings

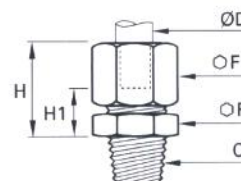
1805 straight fitting, conical BSP male thread



Code	ØD	C	F	F1	Hmax	H1	Weight (kg)
20518050610	6	R1/8	12	13	19,5	7,5	0,018
20518050613	6	R1/4	14	13	19,5	7,5	0,026
20518050810	8	R1/8	13	14	21	7	0,020
20518050813	8	R1/4	14	14	21	7	0,025
20518051013	10	R1/4	17	19	25,5	9	0,044
20518051017	10	R3/8	17	19	25,5	9	0,050
20518051021	10	R1/2	22	19	25,5	10	0,078
20518051213	12	R1/4	19	22	26	9	0,056
20518051217	12	R3/8	19	22	26	9	0,058
20518051221	12	R1/2	22	22	27	10	0,082
20518051617	16	R3/8	24	27	28,5	9,5	0,066
20518051621	16	R1/2	24	27	28,5	9,5	0,092

stainless steel

1805 straight fitting, NPT male thread



Code	ØD	C	F	F1	Hmax	H1	Weight (kg)
20518050611	6	1/8	12	13	19,5	7,5	0,020
20518050614	6	1/4	14	13	19,5	7,5	0,028
20518050618	6	3/8	19	13	20,5	8,5	0,034
20518050622	6	1/2	22	13	21,5	9,5	0,050
20518050811	8	1/8	13	14	21	7	0,022
20518050814	8	1/4	14	14	21	7	0,028
20518051014	10	1/4	17	19	25,5	9	0,048
20518051018	10	3/8	19	19	25,5	9	0,056
20518051022	10	1/2	22	19	26,5	10	0,084
20518051214	12	1/4	19	22	26	9	0,058
20518051218	12	3/8	19	22	26	9	0,062
20518051222	12	1/2	22	22	27	10	0,088
20518051618	16	3/8	24	27	28,5	9,5	0,088
20518051622	16	1/2	24	27	28,5	9,5	0,094

stainless steel



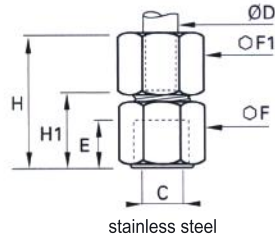
>>> **Universal stainless steel fittings**



Implantation fittings

At www.rodavigo.net Family: Pneumatics
Product: Legris pneumatic fittings

1814 straight fitting, cylindrical BSP female thread

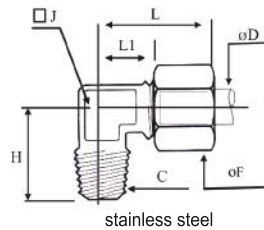


Code	ØD	C	F	F1	Hmax	H1	Weight (kg)
20518140610	6	G1/8	7,5	13	29	17	0,025
20518140613	6	G1/4	11	13	29	21	0,034
20518140813	8	G1/4	11	14	34,5	20,5	0,035
20518141017	10	G3/8	11,5	19	38,5	22	0,069
20518141021	10	G1/2	15	19	43	26,5	0,100
20518141217	12	G3/8	11,5	22	39	22	0,077
20518141221	12	G1/2	15	22	43,5	26,5	0,109
20518141621	16	G1/2	15	27	45	26	0,129

Legris presents in this catalog a complete range of stainless steel products:
LF 3800 Stainless steel push-in fittings
Stainless U.F. Universal stainless steel fittings.
STAINLESS STEEL VALVE 4812 Monoblock stainless steel valves.
 4832 stainless steel side release valves.

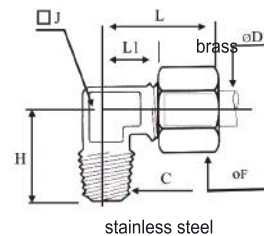


1809 elbow fitting, conical BSP male thread



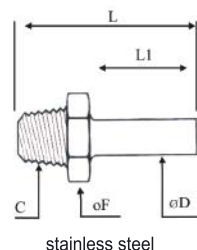
Code	ØD	C	F	H	J	Lmax	L1	Weight (kg)
20518090610	6	R1/8	13	18	8	25,5	13,5	0,020
20518090613	6	R1/4	13	23	10	25,5	13,5	0,030
20518090810	8	R1/8	14	20,5	10	28,5	14,5	0,026
20518090813	8	R1/4	14	23	10	28,5	14,5	0,030
20518091013	10	R1/4	19	25	12	32,5	16	0,049
20518091017	10	R3/8	19	25,5	12	32,5	16	0,055
20518091021	10	R1/2	19	32	18	36,5	20	0,094
20518091213	12	R1/4	22	26	14	34	17	0,066
20518091217	12	R3/8	22	27	14	34	17	0,070
20518091221	12	R1/2	22	32	18	37	20	0,100
20518091617	16	R3/8	27	28,5	18	39,5	21	0,085
20518091621	16	R1/2	27	31,5	18	39,5	21	0,105

1809 elbow fitting, NPT male thread



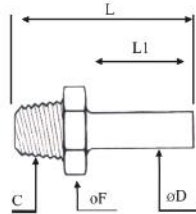
Code	ØD	C	F	H	J	Lmax	L1	Weight (kg)
20518090611	6	1/8	13	19,5	8	25,5	13,5	0,022
20518090614	6	1/4	13	25,5	10	25,5	13,5	0,032
20518090618	6	3/8	13	28	12	27	15	0,048
20518090622	6	1/2	13	34	12	29	17	0,072
20518090811	8	1/8	14	22	10	28,5	14,5	0,027
20518090814	8	1/4	14	25,5	10	28,5	14,5	0,033
20518091014	10	1/4	19	27,5	12	32,5	16	0,051
20518091018	10	3/8	19	28	12	32,5	16	0,056
20518091022	10	1/2	19	35	18	36,5	20	0,098
20518091214	12	1/4	22	28,5	14	34	17	0,068
20518091218	12	3/8	22	29,5	14	34	17	0,078
20518091222	12	1/2	22	35	18	37	20	0,104
20518091618	16	3/8	27	31	18	39,5	21	0,090
20518091622	16	1/2	27	34,5	18	39,5	21	0,115

1820 stud adapter, conical BSP male thread



Code	ØD	C	F	L	L1	Weight (kg)
20518200610	6	R1/8	12	26,5	15	0,010
20518200613	6	R1/4	14	31	15	0,018
20518200810	8	R1/8	12	28,5	17	0,008
20518200813	8	R1/4	14	33	17	0,016
20518201013	10	R1/4	14	36	20	0,018
20518201017	10	R3/8	17	36,5	20	0,026
20518201021	10	R1/2	22	41	20	0,054
20518201213	12	R1/4	14	36	20	0,018
20518201217	12	R3/8	17	36,5	20	0,024
20518201221	12	R1/2	22	41	20	0,050
20518201617	16	R3/8	17	39,5	23	0,028
20518201621	16	R1/2	22	44	23	0,056

1820 stud adapter, NPT male thread



Code	ØD	C	F	L	L1	Weight (kg)
20518200611	6	1/8	12	26,5	15	0,010
20518200614	6	1/4	14	31	15	0,020
20518200811	8	1/8	12	28,5	17	0,010
20518200814	8	1/4	14	33	17	0,020
20518201014	10	1/4	14	36	20	0,020
20518201018	10	3/8	19	36,5	20	0,032
20518201022	10	1/2	22	41	20	0,060
20518201214	12	1/4	14	36	20	0,020
20518201218	12	3/8	19	36,5	20	0,028
20518201222	12	1/2	22	41	20	0,054
20518201618	16	3/8	19	39,5	23	0,032
20518201622	16	1/2	22	44	23	0,064

stainless steel

Stud elbow Mounting

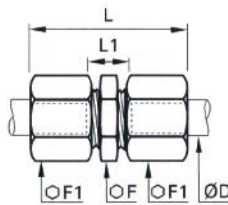
Equal elbow 1802

Stud adapter 1820



Union fittings

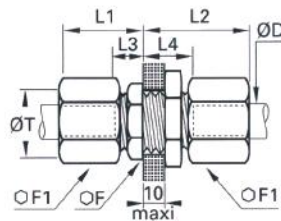
1806 equal double union



Code	ØD	F	F1	Lmax	L1	Weight (kg)
20518060600	6	12	13	34,5	11	0,026
20518060800	8	13	14	38,5	10	0,030
20518061000	10	17	19	46	13	0,066
20518061200	12	19	22	47	13	0,086
20518061600	16	24	27	51	13	0,106

stainless steel

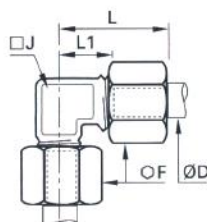
1816 equal double union, bulkhead



Code	ØD	F	F1	L1max	L2max	L3	L4	T _{mn}	Weight (kg)
20518160600	6	13	13	19	28	7,5	17,5	10,5	0,037
20518160800	8	14	14	20	29	7	17	12,5	0,047
20518161000	10	19	19	25	33	9	19	16,5	0,101
20518161200	12	22	22	25	33	9	19	18,5	0,125
20518161600	16	27	27	28	36	9,5	19,5	22,5	0,191

stainless steel

1802 equal elbow



Code	ØD	F	J	Lmax	L1	Weight (kg)
20518020600	6	13	8	25,5	13,5	0,026
20518020800	8	14	10	28,5	14,5	0,034
20518021000	10	19	12	32,5	16	0,068
20518021200	12	22	14	34	17	0,094
20518021600	16	27	18	39,5	21	0,126

stainless steel



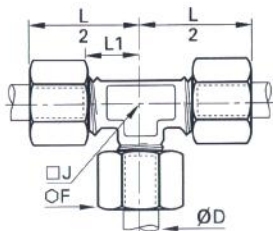
>>> Universal stainless steel fittings



Implantation fittings

At www.rodavigo.net Family: Pneumatics
Product: Legris pneumatic fittings

1804 equal T



Code	ØD	F	J	L/2	L1	Weight (kg)
20518040600	6	13	8	25,5	13,5	0,040
20518040800	8	14	10	28,5	14,5	0,050
20518041000	10	19	12	32,5	16	0,096
20518041200	12	22	14	34	17	0,134
20518041600	16	27	18	39,5	21	0,150

stainless steel

Coding:

The reference numbers are based on a mnemonic code, where each LF 3000 fitting is identified:

- by model series
- by the nominal Ø of the tube
- by the thread, or by the second nominal Ø of the tube

Coding example

2051805 06 10

Item type Tube Ø thread code,
or the second nominal Ø of the tube

>>> Regulators

In-line precision flow regulators

At www.rodavigo.net Family: Pneumatics
Product: Waircom Material

Codes ONE-WAY			Codes ONE-WAY		
URG			URF		
1/8"	1/4"	1/2"	1/8"	1/4"	1/2"
069URG81	069URG410	069URG225	069URF81	069URF410	069URF225
069URG82			069URF82		
069URG85			069URF85		

Connection	A	B	C	CH	D	E	F	G	H	I	L	N	O
1/8"	6	M12x0,75	4	14	12,5	31	4,5	65	5,5	4,3	34	16	15,5
1/4"	8,5	M15x0,75	5,5	17	17	40	6,5	84,5	6	5,25	42	20	20
1/2"	13	M25x1,5	7	30	22	65	8,5	127	12,5	6,25	69	35	32,5

Technical characteristics

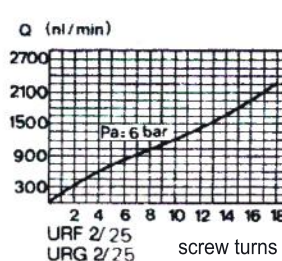
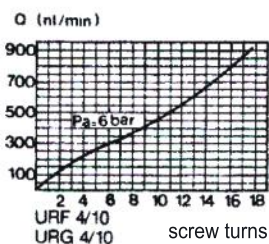
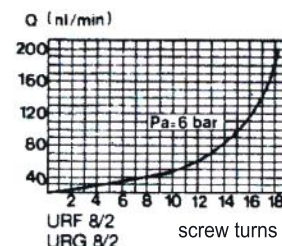
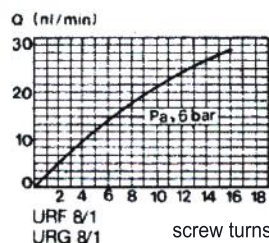
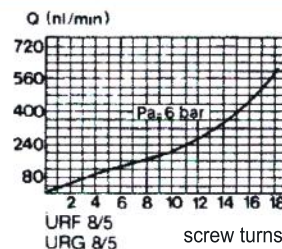
Connections	1/8"	1/4"	1/2"
Exercise pressure	0 to 12 bar		
Temperature	-20°C a +90°C		
Building	Needle		
Mounting	In line through through holes on panel with corresponding lock nut		
Fluid in pressure	Filtered and lubricated air		

Overview:

Flow regulators that, by analogy with electronic components, we can define as variable resistances.

They have a fundamental function in the regulation of flows, allow the realization of good precision timings and the regulation of the speed of the cylinders.

FLOW CURVES
depending on the pressure
(with $\Delta P=50\%$)





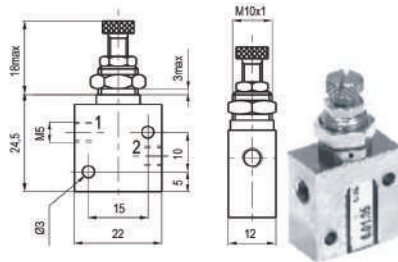
At www.rodavigo.net Family: Pneumatics
Product: Pneumax Material

Flow regulators

Flow regulators M5 in-line ports

Code

06560105 Unidirectional
065601052 Bidirectional



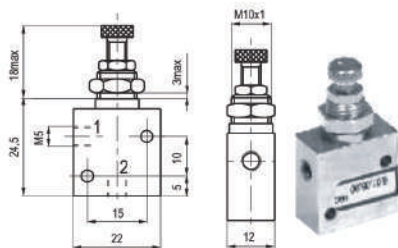
Technical characteristics

Fluid	Maximum working pressure	Temperature Min.	Temperature Max.	Orifice size Ø	Weight gr.
Filtered air	10 bar	-5°C	+70°C	mm 2	48

Flow regulators M5 ports at 90°

Code

0656010590 Unidirectional
06560105902 Bidirectional



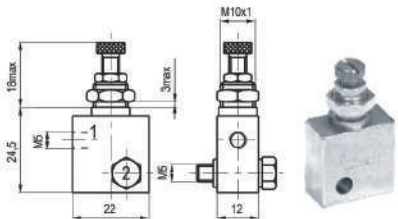
Technical characteristics

Fluid	Maximum working pressure	Temperature Min.	Temperature Max.	Orifice size Ø	Weight gr.
Filtered air	10 bar	-5°C	+70°C	mm 2	48

Flow regulators M5 with a through bolt

Code

06560105180 Unidirectional
065601051802 Bidirectional



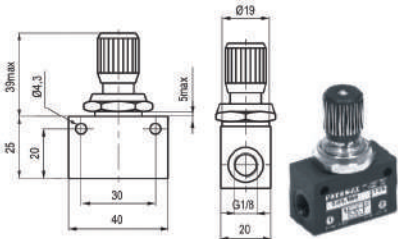
Technical characteristics

Fluid	Maximum working pressure	Temperature Min.	Temperature Max.	Orifice size Ø	Weight gr.
Filtered air	10 bar	-5°C	+70°C	mm 2	52

Flow regulators G 1/8" ultrasensitive

Code

065601184 Unidirectional
065601185 Bidirectional



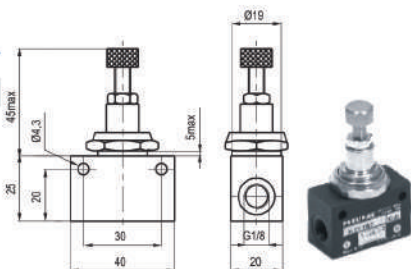
Technical characteristics

Fluid	Maximum working pressure	Temperature Min.	Temperature Max.	Orifice size Ø	Weight gr.
Filtered air	10 bar	-5°C	+70°C	mm 2	100

Flow regulators G 1/8" ultrasensitive with lock

Code

065601186 Unidirectional
065601187 Bidirectional



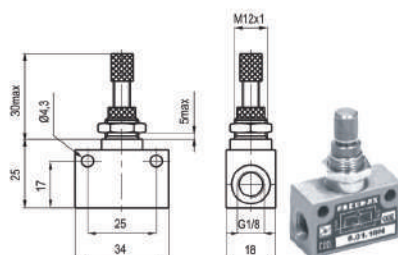
Technical characteristics

Fluid	Maximum working pressure	Temperature Min.	Temperature Max.	Orifice size Ø	Weight gr.
Filtered air	10 bar	-5°C	+70°C	mm 3	105

Flow regulators G 1/8 "

Code

06560118N Unidirectional
065601181N Bidirectional



Technical characteristics

Fluid	Maximum working pressure	Temperature Min.	Temperature Max.	Orifice size Ø	Weight gr.
Filtered air	10 bar	-5°C	+70°C	mm 4	50



>>> Regulators



Flow regulators

At www.rodavigo.net

Family: Pneumatics
Product: Pneumax Material

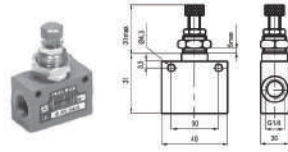
Flow regulators G 1/4 "compact type

Code

065601141 Unidirectional

Technical characteristics

Fluid	Maximum working pressure	Temperature Min.	Temperature Max.	Orifice size Ø	Weight gr.
Filtered air	10 bar	-5°C	+70°C	mm 12	100



Flow regulators G 1/4"

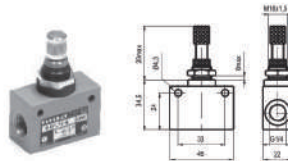
Code

06560114N Unidirectional

065601141N Bidirectional

Technical characteristics

Fluid	Maximum working pressure	Temperature Min.	Temperature Max.	Orifice size Ø	Weight gr.
Filtered air	10 bar	-5°C	+70°C	mm 7	105



low regulators G 1/2"

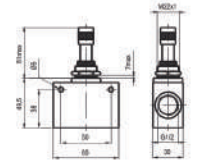
Code

065601112N Unidirectional

0656011121N Bidirectional

Technical characteristics

Fluid	Maximum working pressure	Temperature Min.	Temperature Max.	Orifice size Ø	Weight gr.
Filtered air	10 bar	-5°C	+70°C	mm 12	505



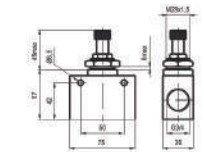
Flow regulators G 3/4"

Code

06560134 Unidirectional

Technical characteristics

Fluid	Maximum working pressure	Temperature Min.	Temperature Max.	Orifice size Ø	Weight gr.
Filtered air	10 bar	-5°C	+70°C	mm 12	500



Quick exhaust valves: M5, G 1/8 ", G 1/4" and G 1/2 "

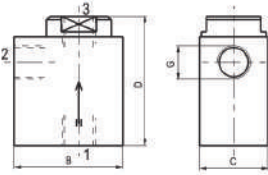
Code

06560205 M5
06560218 G 1/8"
06560214 G 1/4"
06560212 G 1/2"

Technical characteristics

Fluid	Maximum working pressure	Temperature Min.	Temperature Max.
Filtered air	10 bar	-5°C	+70°C

	G	M5	1/8"	1/4"	1/2"
B		22	32	35	52
C		12	20	25	37
D		28	38	50	62
Weight (gr)		50	62	112	310
Flow rate NI/min at 6 bar with $\Delta p =$		120	480	960	3300
Flow rate NI/min at 6 bar with free exhaust from 2 to 3		220	1100	1930	6500



Flow rate NI/min at 6 bar with $\Delta p =$ from 1 to 2
Flow rate NI/min at 6 bar with free exhaust from 2 to 3

Exhaust regulators: M5, G 1/8 ", G 1/4" and G 1/2 "

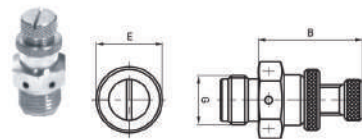
Code

06560305 M5
06560318 G 1/8"
06560314 G 1/4"
06560312 G 1/2"

Technical characteristics

Fluid	Maximum working pressure	Temperature Min.	Temperature Max.
Filtered air	10 bar	-5°C	+70°C

	G	M5	1/8"	1/4"	1/2"
B		21	18	22	39
E		9	13	16	25
Weight (gr)		10	18	32	155



>>> Timers

Pneumatic timers G 1/8 "

Normally closed

Code

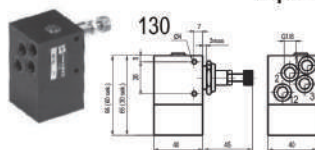
065900183 0 ÷ 30 seconds

06590018360 0 ÷ 60 seconds

Technical characteristics

Fluid	Pressure of exercise	Temperature Min.	Temperature Max.	Orifice size Ø	Weight gr.
Filtered and lubricated air	3 ÷ 10 bar	-5°C	+70°C	mm 2,5	290 (30 s.) 350 (60 s.)

Flow rate NI/min at 6 bar with $\Delta p = 1$



Normally open

Code

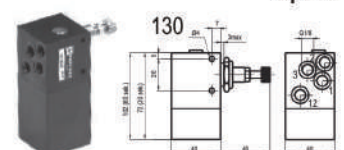
065900184 0 ÷ 30 seconds

06590018460 0 ÷ 60 seconds

Technical characteristics

Fluid	Pressure of exercise	Temperature Min.	Temperature Max.	Orifice size Ø	Weight gr.
Filtered and lubricated air	4 ÷ 10 bar	-5°C	+70°C	mm 2,5	320 (30 s.) 380 (60 s.)

NI flow / min at 6 bar with $\Delta p = 1$



>>> Pneumoelectric pressure switches



At www.rodavigo.net Family: Pneumatics
Product: Pneumax Material

Pneumoelectric translators

Screw connections pneumoelectric pressure switch G 1/8"

Spade connections pneumoelectric pressure switch G 1/8"

Code	Technical characteristics	Weight gr.
0659001811	0,5 ÷ 1 bar	75
0659001814	3,5 ÷ 4 bar	

Code	Technical characteristics	Weight gr.
0659001811	0,5 ÷ 1 bar	60
0659001814	3,5 ÷ 4 bar	

Switch protection

Code	Technical characteristics					
Weight gr.	Fluid	Maximum working pressure	Temperature Min.	Temperature Max.	Pilot ports size	Intensity
065900180	Filtered and lubricated air	10 bar	-5°C	+70°C	mm 2,5	13 (3) A to 220 V (0659001811) 16 (5) A to 220 V (065900181)



At www.rodavigo.net Family: Pneumatics
Product: Legris pneumatic fittings

>>> Silencers

Silencers

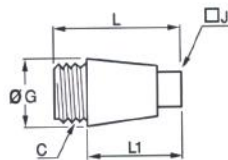
Legris exhaust silencers reduce the noise level and evacuate air from the network.

Legris has 3 types of exhaust silencers:

- **Sintered bronze**, for an economical solution.
- **polyethylene**, for better noise absorption, guaranteeing a good exhaust flow.
- **stainless steel**, for use in an aggressive environment.

Placed at the outlet of the distributor, **the Legris flow regulating exhaust silencers** allow to regulate the exhaust speed and consequently the speed of the cylinder rod.

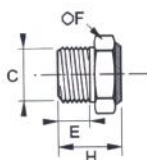
0670 single silencers, M5 and cylindrical BSP male thread



Code	C	J	G	L	L1	Weight (kg)
20506700010	G1/8	7	12	20,5	15	0,007
20506700013	G1/4	8	15	24,5	18,5	0,013
20506700017	G3/8	10	19	37	29	0,033
20506700021	G1/2	14	23	40	31	0,049
20506700027	G3/4	16,5	29,5	51	40,5	0,092
20506700034	G1"	20	36	60	49,5	0,140

sintered bronze silencer

0673 compact single silencers, metric and cylindrical BSP male threads



Code	C	E	F	H	Weight (kg)
20506730019	M5x0,8	8	8	12	0,002
20506730010	G1/8	13	13	14	0,007
20506730013	G1/4	16	16	17	0,011
20506730017	G3/8	19	19	18	0,017
20506730021	G1/2	24	24	20	0,027

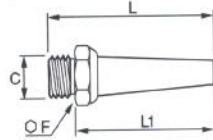
brass body
sintered bronze silencer

>>> Silencers

Silencers

At www.rodavigo.net Family: Pneumatics
Product: Legris pneumatic fittings

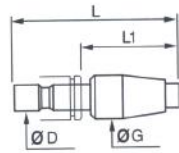
0675 standard silencers, M5 and cylindrical BSP male thread



Code	C	F	L	L1	Weight (kg)
20506750019	M5x0,8	8	24,5	21	0,003
20506750055	M7x1	10	26	21	0,008
20506750010	G1/8	13	43	36	0,010
20506750013	G1/4	16	51	44	0,018
20506750017	G3/8	19	54,5	47,5	0,030
20506750021	G1/2	24	68	58	0,048

brass body
sintered bronze silencer

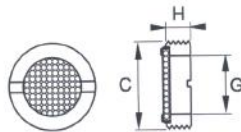
0671 connection silencers LF 3000 system



Code	C	G	L	L1	Weight (kg)
20506710400	4	13	41,5	24,5	0,015
20506710600	6	15	48	29	0,023
20506710800	8	15	49,5	29,5	0,024
20506711000	10	19,5	68	43,5	0,054
20506711200	12	20	68,5	43	0,055

brass body
sintered bronze silencer

0677 miniature single silencers, cylindrical BSP



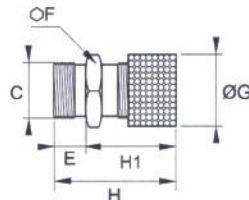
Code	C	G	H	Weight (kg)
20506770010	G1/8	6	5	0,004
20506770013	G1/4	8	5	0,008
20506770017	G3/8	9	7	0,014
20506770021	G1/2	14	8	0,022
20506770027	G3/4	19	10	0,040
20506770034	G1"	25	10	0,065

brass body
sintered bronze silencer

Technical characteristics of stainless steel accessories:

- **Service pressure:** sintered bronze: 12 bar
polyethylene: 10 bar
stainless steel: 12 bar
- **Temperature of use:** sintered bronze: -20° to + 150°C
polyethylene: -10° to + 80°C
stainless steel: -20° to + 180°C

0672 adjustable silencers, cylindrical BSP male thread

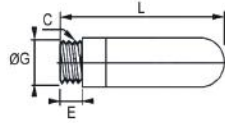


Code	C	E	F	G	Hmin	Hmax	H1	Weight (kg)
20506720010	G1/8	8	14	14	24	24	29	0,012
20506720013	G1/4	8	17	17	25	25	32	0,023
20506720017	G3/8	10	22	22	30	30	38	0,033
20506720021	G1/2	12	27	27	39	39	39	0,044

brass body
sintered bronze silencer

Code	Flow						Sound level dBA at 6 bar and 350 NI/min
	n° of turns.						
	0	1	2	3	4	5	
20506720010	85	320	370	-	-	81	
20506720013	210	310	400	430	440	82	
20506720017	305	690	1050	-	-	83	
20506720021	411	1092	2152	-	-	83	

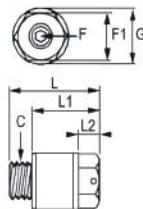
0674 single silencers, M5 and cylindrical BSP male threads



Code	C	E	G	L	Weight (kg)
20506740019	M5x0,8	4	6,5	23	0,001
20506740010	G1/8	6	12,5	34	0,002
20506740013	G1/4	7	15,5	42,5	0,003
20506740017	G3/8	11,5	18,5	67,5	0,006
20506740021	G1/2	11	23,5	78	0,010
20506740027	G3/4	15,5	38,5	131	0,040
20506740034	G1"	19,5	49	160	0,050

polyethylene

0676 adjustable silencers, cylindrical BSP male thread

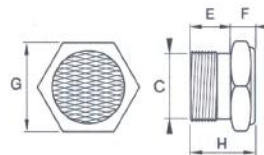


Code	C	F	F1	G	L	L1	L2	Weight (kg)
20506760019	M5x0,8	1,5	8	9,3	16	11	11	0,002
20506760010	G1/8	2,5	13	15	20,5	14,5	14,5	0,002
20506760013	G1/4	4	15	18	29	22	22	0,007
20506760017	G3/8	6	20	24	38	30	30	0,012
20506760021	G1/2	8	25	30	50	40	40	0,020

polyethylene

Code	Flow n° of turns.									Sound level	
	0	1	2	3	4	5	6	7	8	9	
	NI/min at 6 bar									dBa at 6 bar and 350 NI/min	
20506760010	0	30	90	210	335	370	390	390	395	395	82
20506760013	0	22	25	50	340	750	940	980	1000	1025	84
20506760019	0	22	69	97	125	143	-	-	-	-	81
20506760017	0	518	1147	1716	2153	2571	2823	2930	-	-	85
20506760021	0	814	1849	2880	4087	5044	5236	-	-	-	86

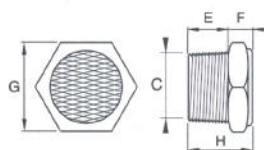
0682 silencers, cylindrical BSP male thread



Code	C	E	F	G	H	Weight (kg)
20506820010	G1/8	8	7	14	15	0,009
20506820013	G1/4	8	7	17	15	0,013
20506820017	G3/8	10	8	22	18	0,020
20506820021	G1/2	12	10	27	22	0,038
20506820027	G3/4	15	12	32	27	0,066
20506820034	G1"	18	14	38	32	0,118

AISI 316 L stainless steel body

0683 single silencers, cylindrical NPT male thread



Code	C	E	F	G	H	Weight (kg)
20506830011	1/8	7	7	14	14	0,010
20506830014	1/4	11	7	17	18	0,015
20506830018	3/8	11	8	22	19	0,023
20506830022	1/2	15	10	27	25	0,044

AISI 316 L stainless steel body

>>> Screwing system

Portable screwing system

The VITMATIC series screw-powered portable power supplies represent the synthesis of OBER's experience in the field of screwing on wood and plastic materials (PVC, etc.). Designed to make assembly operations faster in the industry and in crafts, they are differentiated by the wide range of equipment and engines that make them irreplaceable in light assembly operations.

Together with the ALX series vibration power supplies, the VITMATIC are prepared to optimally solve the fastening problems of each customer, either in terms of the elements to be screwed (screws, nuts, fixing nipples of bicycle spoke wheels, threaded bolts, etc.), or as regards power and control of screwing operations.

Extraordinarily simple and effective, they can be reconditioned for applications other than the original, with the corresponding replacement of a limited number of parts, the screwdriver head group and the ALX selector.

- **INTERNAL AXIAL PUSH.** It is not necessary for the operator to make any effort to make the push to screw, since this function is performed by an internal piston.
- **DEVICE TO SET THE SCREW IN VISIBLE POSITION** (patented). A suitable internal piston pushes the screw body towards the outside of the head, in order to facilitate the work of the operator, who seeing the screw, can position it directly on the piece.
- **ANTI-JAM DEVICE.** An electronic logic circuit allows the operator to work in complete peace of mind without jamming in the screwdriver that would result from the coincidence of more than one screw in the screwdriver head.
- **360° ADJUSTABLE HEAD.** The quick connection system of the head to the screwdriver body allows the head to be angularly positioned in such a way that impediments in the application can be avoided. The head in another position can be provided with a part so as not to damage the surface of the part during screwing.
- **ON REQUEST.** The available screwdrivers are straight type, but there is the possibility of supplying an auxiliary gun handle that allows its use to be extended.



VITMATIC screwdriver codes, characteristics and dimensions

Reference	Power	Vacuum speed	Torque (*)	Air consumption	Weight	Øbody		Screw capacity			total length L
	watts	r.p.m	Nm	NI/min.	kg		Øhead				
4YVS99EL	120	1000	4,5	200	1,6	2	4,5	4,2	9	8	30
2FLVS99EL	130	1000	6	420	1,9	2	4,5	4,2	9	8	45
4FLVS01EL	130	325	8,5	420	2	2	4,5	4,2	9	8	45
3GCVS99EL	350	925	9,5	600	2,2	2	4,5	4,2	9	8	45
2GLVS99EL	350	2300	6	600	2,2	2	4,5	4,2	9	8	45
3GLVS99EL	350	2300	6	600	2	2	4,5	4,2	9	8	23

Complete automatic screwing portable system

The complete system includes:

- A - A VITMATIC model screwdriver
- B - An ALX90-EI model electronic power supply
- C - A set of pipes and pipelines

Reference of the complete automatic screwing portable system

VM4YVSALXEL
VM2FLVSALXEL
VM4FLVSALXEL
VM3GLVSALXEL
VM2GCVSALXEL

FUNCTIONING

The screws are fed through a bowl that vibrates by means of an electromagnet.

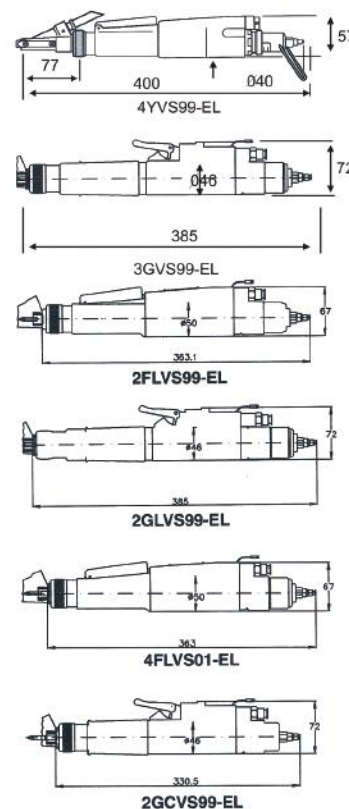
The screws converge into a selector group through an adjustable guide and then are sent to the screwdriver, pushed by a compressed blow, through a tube of standard shape and length equal to 4m. The control logic is completely electronic.

REGULATION

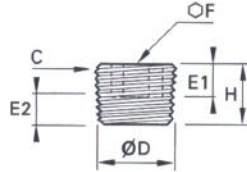
It is possible to regulate the amount and duration of the compressed air impulse necessary to send the screw of the power supply to the screwdriver.

It is also possible through the appropriate external potentiometer to regulate the intensity of the vibration.

(*) The tightening torque of the screw is adjustable up to the maximum value indicated in the previous table.



0205 internal hexagon plug, NPT and conical BSP male thread



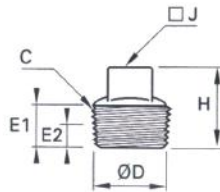
For conical BSP plugs from 1/2" to 1 1/2" inclusive:
General characteristics, according to BNA 247-DIN 906 standard
Thread, NFE 03-004 standard

Code	C BSP	ØD	E1	E2min	E2max	F	H	Weight (kg)
20502051000	R1/8	9,728	6	3,1	4,9	5	8	0,004
20502051300	R1/4	13,157	8	4,7	7,3	6	10	0,008
20502051700	R3/8	16,662	8	5,1	7,7	8	11	0,014
20502052100	R1/2	20,955	8	6,4	10	10	13	0,027
20502052700	R3/4	26,441	11	7,7	11,3	14	17	0,053
20502053400	R1"	33,249	13	8,1	12,7	17	19	0,092
20502054200	R1" 174	41,910	14	10,4	15	22	22	0,183

pigtail brass

Code	C NPT	ØD	E1	E2min	E2max	F	H	Weight (kg)
20502051100	1/8	10,242	6	3,2	5	5	8	0,004
20502051400	1/4	13,616	8	4,4	7,2	6	10	0,008
20502051800	3/8	17,055	8	4,7	7,5	8	11	0,014
20502052200	1/2	21,223	8	6,3	9,9	10	13	0,026

0209 cubic head plug, conical BSP male thread

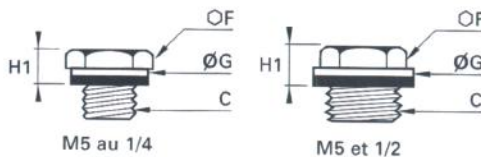


General characteristics, according to BNA 247 standard: Thread, NFE 03-004 standard

Code	C	ØD	E1	E2min	E2max	H	J	Weight (kg)
20502091000	R1/8	9,728	6	3,1	4,9	16	6	0,007
20502091300	R1/4	13,157	8	4,7	7,3	18	8	0,014
20502091700	R3/8	16,662	10	5,1	7,7	20	10	0,026
20502092100	R1/2	20,955	11	6,4	10	22	13	0,047
20502092700	R3/4	26,441	15	7,7	11,3	28	17	0,072
20502093400	R1"	33,249	18	8,1	12,7	32	19	0,159

pigtail brass

0220 hex plug, M5 and cylindrical BSP male thread

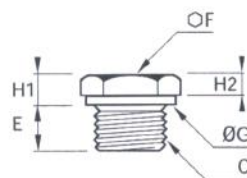


General characteristics, according to BNA 229 standard (except M5):
Cylindrical BSP thread, NFE 03-005 standard.
ISO metric cylindrical thread, NFE 03-054 standard.

Code	C	F	G	H1	Weight (kg)
20502201900	M5x0,8	8	8	5	0,002
20502201000	G1/8	14	14	7,5	0,011
20502201300	G1/4	17	17	7,5	0,019
20502201700	G3/8	17	22	8,5	0,026
20502202100	G1/2	22	27	10	0,040

brass with safety pin
M5: with slot for screwdriver

0200 hex plug, metric and cylindrical BSP male thread



Code	C	E	F	G	H1	H2	Weight (kg)
20502001000	G1/8	7	14	13,7	5,5	4	0,012
20502001300	G1/4	8,5	17	16,7	5,5	4	0,019

Code	C	E	F	G	H1	H2	Weight (kg)
20502005200	M6x1	6	10	10	4	3,5	0,004
20502005700	M8x1,25	7	13	13	4	3,5	0,007
20502006000	M10x1	8	14	14	5	4,5	0,012
20502006500	M12X1	9	17	17	5	4,5	0,018
20502006600	M12X1,25	9	17	17	5	4,5	0,018

pigtail brass



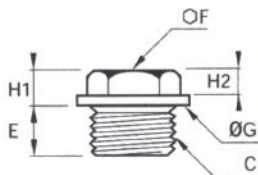
>>> Plugs



Brass threaded plugs

At www.rodavigo.net Family: Pneumatics
Product: Legris pneumatic fittings

0201 hex plug with collar, male thread, metric and cylindrical BSP



Code	C	E	F	G	H1	H2	Weight (kg)
20502011700	G3/8	10	17	21,7	6,5	4,5	0,026
20502012100	G1/2	10	22	26,7	7,5	5	0,040
20502012700	G3/4	11	22	31,7	8,5	6	0,044
20502013400	G1"	11	27	39,7	8,5	6	0,080
20502014200	G1" 1/4	12	30	49,7	10	7	0,165

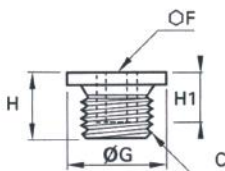
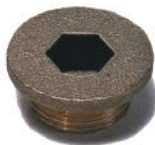
forged brass

For codes 0200 and 0201

General characteristics according to BNA 229 standard:
Cylindrical BSP thread, NFE 03-005 and BNA 541 standards.
ISO metric cylindrical thread, NFE 03-054 and BNA 541 standards.

Code	C	E	F	G	H1	H2	Weight (kg)
20502017500	M16x1,5	10	17	22	6,5	4,5	0,024
20502017800	M18x1,5	10	17	24	7	5	0,027
20502018000	M20x1,5	10	17	26	7,5	5	0,028
20502018200	M22x1,5	10	22	30	7,5	5	0,041
20502018300	M24x1,5	10	22	32	7,5	5	0,041
20502019200	M24x2	10	22	32	7,5	5	0,040
20502018800	M30x2	11	27	38	8,5	5	0,070

0202 internal hexagon plug with collar, male thread, cylindrical and metric

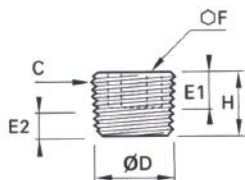


Code	C	E	F	G	H	H1	Weight (kg)
20502026500	*M12x1	9	6	17	11	8	0,008
20502026600	*M12x1,25	9	6	17	11	8	0,009
20502027100	*M14x1,5	10	6	19	13	10	0,015
20502027500	*M16x1,5	10	8	22	13	10	0,019
20502027800	*M18x1,5	10	10	24	13	10	0,022
20502028000	**M20x1,5	10	12	26	13	10	0,027
20502028200	**M22x1,5	10	12	30	13	10	0,036
20502028600	**M27x2	11	17	35	15	11	0,053
20502028800	**M30x2	11	19	38	15	11	0,071

*brass
**forged brass

Steel threaded plugs

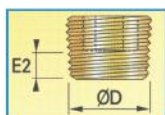
0206 internal hexagon plug, NPT and conical BSP male thread



Conical BSP plugs from 1/2" to 1 1/2" inclusive
General characteristics according to BNA 247-DIN 906 standard.
Thread, NFE 03-054 standard

Code	C BSP	ØD	E1	E1min	E2max	F	H	Weight (kg)
20502061000	R1/8	9,728	6	3,1	4,9	5	8	0,003
20502061300	R1/4	13,157	8	4,7	7,3	6	10	0,007
20502061700	R3/8	16,662	8	5,1	7,7	8	11	0,012
20502062100	R1/2	20,955	8	6,4	10	10	13	0,024
20502062700	R3/4	26,441	11	7,7	11,3	14	17	0,048
20502063400	R1"	33,249	13	8,1	12,7	17	19	0,086
20502064200	R1" 1/4	41,910	14	10,4	15	22	22	0,162
20502064900	R1" 1/2	47,803	14	10,4	15	24	22	0,222

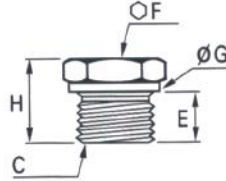
untreated steel



Dimensions ØD and E2 of code 0206 represent:
D = calibre plane diameter
E2 = maximum and minimum distance of the calibre diameter (D)

Code	C NPT	ØD	E1	E1min	E2max	F	H	Weight (kg)
20502060800	1/16	7,800	6	3,8	6,4	4	7	0,002
20502061100	1/8	10,242	6	3,2	5	5	8	0,003
20502061400	1/4	13,616	8	4,4	7,2	6	10	0,007
20502061800	3/8	17,055	8	4,7	7,5	8	11	0,012
20502062200	1/2	21,223	8	6,3	9,9	10	13	0,024
20502062800	3/4	26,568	11	6,8	10,4	14	17	0,047
20502063500	1"	33,227	13	8	12,4	14	19	0,083

0210 hex plug, metric and cylindrical BSP male thread



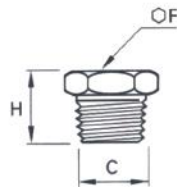
Seal profile according to DIN 3852 standard: D / E form.
Cylindrical BSP thread, NFE 03-005 standard.
ISO metric cylindrical thread, NFE 03-054 standard.

Code	C	E	F	G	H	Weight (kg)
20502101000	G1/8	8	14	14	15	0,013
20502101300	G1/4	12	19	18	21	0,031
20502101700	G3/8	12	22	22	21	0,046
20502102100	G1/2	14	27	26	24	0,078
20502102700	G3/4	16	32	32	27	0,133
20502103400	G1"	18	41	39	33	0,269
20502104200	G1" 1/4	20	50	49	35	0,436

untreated steel

Code	C	E	F	G	H	Weight (kg)
20502105700	M8x1,25	8	14	12	15	0,011
20502106000	M10x1	8	14	14	15	0,013
20502106600	M12x1,25	10	17	17	18	0,021
20502107000	M14x1,25	11	19	19	20	0,032

0216 male thread hex plug, conical BSP and NPT



Conical BSP thread, NFE 03-004 standard.

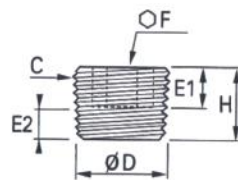
Code	C BSP	F	H	Weight (kg)
20502161000	R1/8	13	16	0,012
20502161300	R1/4	17	19	0,024
20502161700	R3/8	19	21	0,038
20502162100	R1/2	22	23	0,060

Code	C NPT	F	H	Weight (kg)
20502161100	1/8	13	16	0,013
20502161400	1/4	17	19	0,024
20502161800	3/8	19	21	0,039
20502162200	1/2	22	23	0,060

untreated steel

Stainless steel and steel threaded plugs

0285 internal hexagon plug, conical BSP male thread

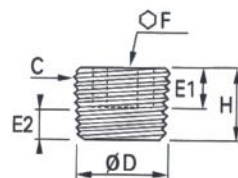


Code	C	ØD	E1	E2min	E2max	F	H	Weight (kg)
20502851000	R1/8	9,72	6	3,1	4,9	5	8	0,003
20502851300	R1/4	13,15	8	4,7	7,3	6	10	0,007
20502851700	R3/8	16,66	8	5,1	7,7	8	11	0,013
20502852100	R1/2	20,95	8	6,4	10	10	13	0,025
20502852700	R3/4	26,44	11	7,7	11,3	14	17	0,057
20502853400	R1"	33,25	13	8,1	12,7	17	19	0,098

AISI 316L stainless steel

General characteristics according to DIN 906 standard.

0285 internal hexagon plug, NPT male thread



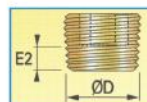
Code	C	ØD	E1	E2min	E2max	F	H	Weight (kg)
20502851100	1/8	10,24	6	3,2	5	5	8	0,004
20502851400	1/4	13,61	8	4,4	7,2	6	10	0,007
20502851800	3/8	17,05	8	4,7	7,5	8	11	0,014
20502852200	1/2	21,22	8	6,3	9,9	10	13	0,025

AISI 316L stainless steel

Dimensions ØD and E2 of code 0285 represent:

D = calibre plane diameter

E2 = maximum and minimum distance of the calibre diameter (D)



stainless steel =

>>> Vacuum technique

PIAB

P3010 vacuum pumps

At www.rodavigo.net Family: Pneumatics
Product: Piab material

The P3010 uses COAX™ technology, which makes it small, robust and easy to install. This vacuum pump consists of a block with integrated nozzles, non-return valves, silencers and filters for compressed air and vacuum. The P3010 series of pumps includes controls and monitored functions such as solenoid valves, vacuum switches and quick-release modules. The P3010, being fully modular, allows you to project the functions you need and eliminate costly refinements yourself. Performance can therefore be increased as your needs change.

With the P3010, you can choose the functions you need yourself, given its great versatility you can make the appropriate combination of the different components to configure the equipment to suit your needs.

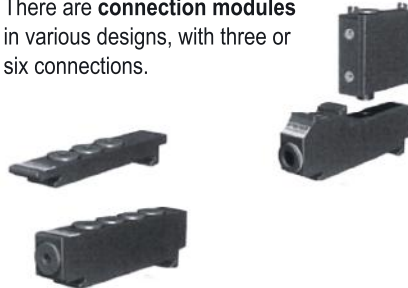
Performance

Vacuum max.	90 -kPa (110 mbar abs.)
Max flow:	0.95 - 2.7 NI/s
Noise level:	66 - 68 dBA



For a safer function and close process control, various vacuum switches are offered. Some of the standard options are: miniature design, analog and static output, as well as light-emitting diode (LED) display.

There are **connection modules** in various designs, with three or six connections.



The quick eject module helps you drop an object faster or reset the system to atmospheric pressure. For increased capacity an extra volume can be mounted on the quick eject module..



Pump performance can duplicate with an **extra module**.



Solenoid valve for pump control.

The **"push-in"** guide exists in several versions. Up to 4 pumps can be coupled in a single guide.

	Code	Model	Weight	Material	Working temperature °C
	0610104279	Pi12-3 with vacuum connections 3x1/8" NSPF	96	PA, Nitrile , Al, SS	-10/+50
	0610104281	Pi12-3x2 with vacuum connections 6x1/8" NSPF	226	PA, Nitrile , Al, SS	-10/+50
	0610104282	Pi12-3 with quick expulsion and tank 3cm ³	156	PA, Nitrile , Al, SS	-10/+50
	0610104283	Pi12-3 with quick expulsion and tank 30cm ³	200	PA, Nitrile , Al, SS	-10/+50
	0610104284	Pi12-3x2 with quick expulsion and tank 60cm ³	320	PA, Nitrile , Al, SS	-10/+50
	0610106224	Pi12-3x2 with energy saving system , ES	300	PA, Nitrile , Al, SS	-10-50

1025P ... V - 1100P V non-sparking polyamide tube with PVC coating

Code		Øext tube	Øint. tube	(R)Radius of curvature
		mm	mm	mm
in 25 m rolls	in 100 m rolls			minimum at 20°C
2151025P06V01	2151100P06V01	6	4	25
2151025P08V01	2151100P08V01	8	6	30
2151025P10V01	2151100P10V01	10	8	55
2151025P12V01	2151100P12V01	12	10	70

1025U ... V - 1100U ... V non-sparking polyurethane tube with PVC coating

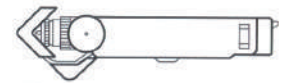
Code		Øext tube	Øint. tube	(R)Radius of curvature
		mm	mm	mm
in 25 m rolls	in 100 m rolls			minimum at 20°C
2151025U06V01	2151100U06V01	6	4	15
2151025U08V01	2151100U08V01	8	5,5	20
2151025U10V01	2151100U10V01	10	7	25
2151025U12V01	2151100U12V01	12	8	35

1025U ... K - 1100U ... K non-sparking single-layer polyurethane tube

Code		Øext tube	Øint. tube	(R)Radius of curvature
		mm	mm	mm
in 25 m rolls	in 100 m rolls			minimum at 20°C
2151025U04K01	2151100U04K01	4	2,5	10
2151025U06K01	2151100U06K01	6	4	15
2151025U08K01	2151100U08K01	8	5,5	20
2151025U10K01	2151100U10K01	10	7	25
2151025U12K01	2151100U12K01	12	8	35

On request, polyamide tubes with anti-spark coating can be supplied in green, red and blue. Do not hesitate to contact us.

6000 Stripping tool



Code	Weight (Kg)
20560007100	0,095

This tool allows you to easily perform a correct removal of the tube.

Calibrated anti-static polyurethane tube



The Legris anti-static polyurethane tube, with low surface resistivity (10¹⁰ohms) has been designed to avoid any accumulation of electrostatic charges. Responds perfectly to the requirements of electronics and deflagrating environments. It is characterized by a hardness of 50° shoreD.

The technical characteristics of the Legris anti-static polyurethane tube are identical to those of the polyurethane tube.

tube external Ø	tolerances on external Ø
mm	mm
3 a 8	+0,10 -0,10
10 a 12	+0,15 -0,15

Connecting to the instantaneous fittings Legris, the anti-static tube Legris guarantees to the user a perfect tightness thanks to its calibration

1100 anti-static polyurethane tube

Code	Øext tube	Øint. tube	(R)Radius of curvature	Weight (Kg)
in 100 m rolls			minimum at 20°C	
2151100U03A01	3	1,5	8	0,836
2151100U04A01	4	2,5	10	1,092
2151100U06A01	6	4	15	2,064
2151100U08A01	8	5,5	25	3,610
2151100U10A01	10	7	35	6,105
2151100U12A01	12	8	45	8,610

You can also find Legris technical tubes and pipes available in inches in the online catalog of the Legris website.



1020H self-retracting tube

Codes in 20m rolls	Codes in 20m rolls	DN	Ø int. tube	Ø ext. tube	(R)Radius of curvature	Service pressure	Bursting pressure
					mm		
					minimum at 20°C	maxi in bar at 20°C	in bar at 20°C
2151020H5602	2151020H5603	1/4 6	6,3	13	60	16	60
2151020H6002	2151020H6003	3/8 8	9,5	16	70	16	60
2151020H6202	2151020H6203	1/2 12	12,7	19	120	16	60
2151020H6602	2151020H6603	5/8 16	15,9	23	140	16	60
2151020H6902	2151020H6903	3/4 20	19,1	27	170	16	60

3000 71 11 pipe cutter



Code	Weight (Kg)
20530007111	0,227

For tubes with Ø ext. between 12 and 25 mm. Spare blade: 3000 71 11 05



>>> Self-retracting tubes



Self retracting tubes

At www.rodavigo.net

Family: Pneumatics
Product: Legris Tubes

1040H self retracting tube

Codes in 40 m rolls	Codes in 40 m rolls	Codes in 40 m rolls	Codes in 40 m rolls	DN	Ø int. tube	Ø ext. tube	(R)Radius curvature minimum at 20°C	Service pressure maxi in bar at 20°C	Bursting pressure in bar at 20°C
BLACK	GREEN	RED	BLUE		mm	mm	mm		
2151040H5601	2151040H5602	2151040H5603	2151040H5604	1/4 6	6,3	13	60	16	60
2151040H6001	2151040H6002	2151040H6003	2151040H6004	3/8 8	9,5	16	70	16	60
2151040H6201	2151040H6202	2151040H6203	2151040H6204	1/2 12	12,7	19	120	16	60
2151040H6601	2151040H6602	2151040H6603	2151040H6604	5/8 16	15,9	23	140	16	60
2151040H6901	2151040H6902	2151040H6903	2151040H6904	3/4 20	19,1	27	170	16	60

1080H self retracting tube

Codes in 80 m rolls	Codes in 80 m rolls	Codes in 80 m rolls	Codes in 80 m rolls	DN	Ø int. tube	Ø ext. tube	(R)Radius curvature minimum at 20°C	Service pressure maxi in bar at 20°C	Bursting pressure in bar at 20°C
BLACK	GREEN	RED	BLUE		mm	mm	mm		
2151080H6601	2151080H6602	2151080H6603	2151080H6604	5/8 16	15,9	23	140	16	60
2151080H6901	2151080H6902	2151080H6903	2151080H6904	3/4 20	19,1	27	170	16	60

1100H self retracting tube

Codes in 100 m rolls	Codes in 100 m rolls	Codes in 100 m rolls	Codes in 100 m rolls	DN	Ø int. tube	Ø ext. tube	(R)Radius curvature minimum at 20°C	Service pressure maxi in bar at 20°C	Bursting pressure in bar at 20°C
BLACK	GREEN	RED	BLUE		mm	mm	mm		
2151100H5601	2151100H5602	2151100H5603	2151100H5604	1/4 6	6,3	13	60	16	60
2151100H6001	2151100H6002	2151100H6003	2151100H6004	3/8 8	9,5	16	70	16	60
2151100H6201	2151100H6202	2151100H6203	2151100H6204	1/2 12	12,7	19	120	16	60

>>> Polyamide tubes



Calibrated semi-rigid and rigid polyamide tube

At www.rodavigo.net

Family: Pneumatics
Product: Legris Tubes

1025P semi-rigid polyamide tube, in 25m rolls

Codes in 25 m rolls	Codes in 25 m rolls	Codes in 25 m rolls	Codes in 25 m rolls	Codes in 25 m rolls	Codes in 25 m rolls	Codes in 25 m rolls	Ø ext. tube	Ø int. tube	(R)Radius curvature minimum at 20°C	Weight
							mm	mm	mm	kg
2151025P030018				2151025P030418			3	1,8	8	0,020
2151025P0400	2151025P0401	2151025P0402	2151025P0403	2151025P0404	2151025P0405	2151025P0406	4	2	25	0,318
2151025P040027	2151025P040127	2151025P040227	2151025P040327	2151025P040427	2151025P040527	2151025P040627	4	2,7	30	0,254
2151025P050033	2151025P050133			2151025P050433			5	3,3	25	0,420
2151025P0600	2151025P0601	2151025P0602	2151025P0603	2151025P0604	2151025P0605	2151025P0606	6	4	35	0,535
2151025P0800	2151025P0801	2151025P0802	2151025P0803	2151025P0804	2151025P0805	2151025P0806	8	6	55	0,748
2151025P100075	2151025P100175			2151025P100475			10	7,5	75	1,135
2151025P1000	2151025P1001	2151025P1002	2151025P1003	2151025P1004	2151025P1005	2151025P1006	10	8	90	0,989
2151025P120009	2151025P120109			2151025P120409			12	9	75	1,769
2151025P1200	2151025P1201			2151025P1204			12	10	90	1,345
2151025P140011	2151025P140111			2151025P140411			14	11	120	2,226
2151025P1400	2151025P1401			2151025P1404			14	12	100	1,734
2151025P160013							16	13	120	2,500

1025L rigid polyamide tube, in 25m rolls

Codes in 25 m rolls	Ø ext. tube	Ø int. tube	(R)Radius curvature minimum at 20°C	Weight
	mm	mm	mm	kg
2151025L040125	4	2,5	35	0,190
2151025L0601	6	4	45	0,400
2151025L080105	8	5	70	0,760
2151025L0801	8	6	65	0,760
2151025L100106	10	6	85	1,330

Polyamide Legris tubes are supplied in tubepack cases

- comfortable **storage**
- **protection** of the tube against any external aggression
- easy **winding** of the tube
- immediate **identification** of the tube

