



## Dati tecnici - Technical data

Applicazioni - Applications	Circuiti pneumatici, oleodinamici e idraulici Pneumatic and hydraulic systems
Pressione di lavoro - Working pressure	60 bar
Depressione - Vacuum	-
Range di temperatura - Temperature range	-10 ÷ 70 °C

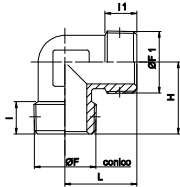
Guida alle referenze  
Guide to references

311 . 01 . - . -

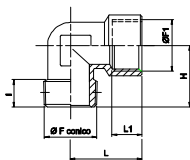
Serie  
Line311 = Raccordi tradizionali  
Standard fittingsFiletto  
Thread  
size  
18 = 1/8  
14 = 1/4  
38 = 3/8  
12 = 1/2  
M5 = M5Modello  
TypeConsultare le tabelle  
nelle pagine seguenti  
Please check it in the  
following pagesFiletto  
Thread  
size  
18 = 1/8  
14 = 1/4  
38 = 3/8  
12 = 1/2  
M5 = M5  
∅ Tubo  
Tube  
diameter06 = tubo 6 mm  
07 = tubo 7 mm  
08 = tubo 8 mm  
09 = tubo 6 mm  
10 = tubo 10 mm  
12 = tubo 12 mm

La linea dei raccordi tradizionali comprende una vasta gamma di prodotti per rispondere alle più svariate esigenze applicative.

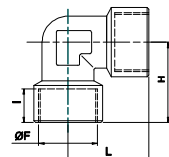
The traditional fittings line have a large products range in order to meet the most varied application needs.

**311.01**Curva M/M conica  
Conical elbow male

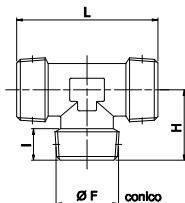
CODICE-CODE	F	F 1	I	I 1	H	L	CH	Bag Qty
311.01.18	1/8	1/8	8	8	18,5	18,5	10	20
311.01.14	1/4	1/4	11	11	23,5	23,5	13	10
311.01.14.18	1/4	1/8	11	8	21,5	19	10	20
311.01.38	3/8	3/8	11,5	11,5	26	26	17	10
311.01.12	1/2	1/2	14	14	31	31	21	5

**311.02**Curva M/F conica  
M/F conical elbow

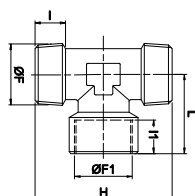
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311.02.18	1/8	1/8	8	8	18,5	21	10	20
311.02.14	1/4	1/4	11	11	23,5	25,5	13	10
311.02.14.18	1/4	1/8	11	8	21,5	21	10	20
311.02.38	3/8	3/8	11,5	11,5	26	28	17	5
312.01.12	1/2	1/2	14	14	31	33,5	21	5

**311.03**Curva F/F conica  
F/F conical elbow

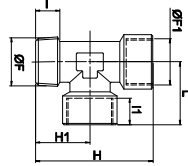
CODICE-CODE	F	I	H	L	CH	Bag Qty
311.03.18	1/8	8	21	21	10	20
311.03.14	1/4	11	25,5	25,5	13	10
311.03.38	3/8	11,5	28	28	17	5
311.03.12	1/2	14	33,5	33,5	21	5

**311.04**T M/M/M conico  
"T" conical male

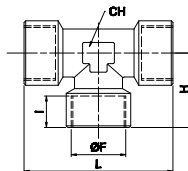
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311.04.18	1/8	8	18,5	37	10	10
311.04.14	1/4	11	23,5	47	13	5
311.04.38	3/8	11,5	26	52	17	5
311.04.12	1/2	14	31	62	21	5

**311.05**T M/F/M conico  
"T" conical M/F/M

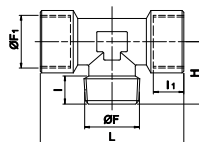
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311.05.18	1/8	1/8	8	8	37	21	10	10
311.05.14	1/4	1/4	11	11	47	25,5	13	5
311.05.38	3/8	3/8	11,5	11,5	52	28	17	5
311.05.12	1/2	1/2	14	14	62	33,5	21	5

**311.06**T M/F/F conico  
"T" conical M/F/F

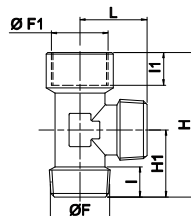
CODICE-CODE	F	F 1	I	I 1	H	H1	L	CH	Bag Qty
311.06.18	1/8	1/8	8	8	39,5	18,5	21	10	10
311.06.14	1/4	1/4	11	11	49	23,5	25,5	13	5
311.06.38	3/8	3/8	11,5	11,5	54	26	28	17	5
311.06.12	1/2	1/2	14	14	64,5	31	33,5	21	5

**311.07**T F/F/F conico  
"T" conical female

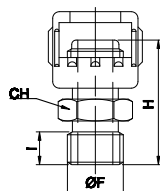
CODICE-CODE	F	I	H	L	CH	Bag Qty
311.07.18	1/8	8	21	42	10	10
311.07.14	1/4	11	25,5	51	13	5
311.07.38	3/8	11,5	28	56	17	5
311.07.12	1/2	14	33,5	67	21	5

**311.08**T f/m/f conico  
"T" conical F/M/F

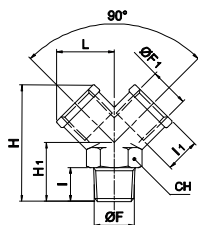
CODICE-CODE	F	F1	I	I1	H	L	CH	Bag Qty
311.08.18	1/8	1/8	8	8	18,5	42	10	10
311.08.14	1/4	1/4	11	11	23,5	51	13	5
311.08.38	3/8	3/8	11,5	11,5	26	56	17	5
311.08.12	1/2	1/2	14	14	31	67	21	5

**311.09**T f/m/m conico  
"T" conical F/M/M

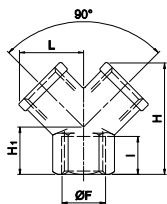
CODICE-CODE	F	F 1	I	I 1	H	H1	L	CH	Bag Qty
311.09.18	1/8	1/8	8	8	39,5	18,5	18,5	10	10
311.09.14	1/4	1/4	11	11	49	23,5	23,5	13	5
311.09.38	3/8	3/8	11,5	11,5	54	26	26	17	5
311.09.12	1/2	1/2	14	14	64,5	31	31	21	5

**311.36**Raccordo dado fresato  
Milled fitting nut

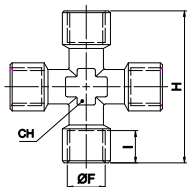
CODICE-CODE	F	I	H	CH	Bag Qty
311.36.14	1/4	10	28,5	15	2

**311.10**Y F/M/F  
"Y" conical F/M/F

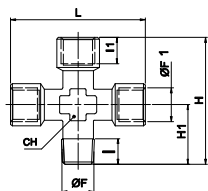
CODICE-CODE	F	F 1	I	I 1	H 1	L	H	CH	Bag Qty
311.10.18	1/8	1/8	8	8	16	14,5	32	13	10
311.10.14	1/4	1/4	11	11	20	18	38	17	10
311.10.38	3/8	3/8	11,5	11,5	22	20,5	42,5	20	5
311.10.12	1/2	1/2	14	14	27	26,5	53	25	5

**311.11**Y F/F/F  
"Y" female

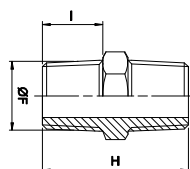
CODICE-CODE	F	I	H 1	L	H 1	CH	Bag Qty
311.11.18	1/8	8	12	14,5	26,5	13	10
311.11.14	1/4	11	14	18	32	17	10
311.11.38	3/8	11,5	16	20,5	37	20	5
311.11.12	1/2	14	19	26,5	45	25	5

**311.13**Croce femmina  
Female cross

CODICE-CODE	F	I	H	CH	Bag Qty
311.13.18	1/8	8	42	10	10
311.13.14	1/4	11	51	13	5
311.13.38	3/8	11,5	56	17	5
311.13.12	1/2	14	67	21	2

**311.12**Croce M/F/F/F  
M/F/F/F conical cross

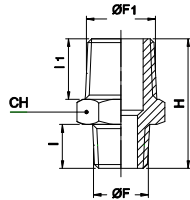
CODICE-CODE	F	F 1	I	I 1	H	H 1	L	CH	Bag Qty
311.12.18	1/8	1/8	8	8	39,5	18,5	42	10	10
311.12.14	1/4	1/4	11	11	49	23,5	51	13	5
311.12.38	3/8	3/8	11,5	11,5	54	26	56	17	5
311.12.12	1/2	1/2	14	14	64,5	31	67	21	2

**311.14**Nipplo M/M conico  
Conical male nipple

CODICE-CODE	F	I	H	CH	Bag Qty
311.14.18	1/8	8	20,5	12	20
311.14.14	1/4	11	27	14	20
311.14.38	3/8	11,5	28	17	10
311.14.12	1/2	14	33,5	22	5
311.14.34	3/4	16,5	39,5	27	5
311.14.01	1"	19	45,5	34	5

**311.16**

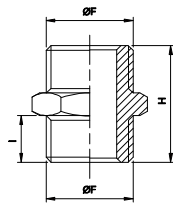
Nippolo M/M conico ridotto  
Conical reduction male nipple



CODICE-CODE	F	F 1	I	I 1	H	CH	Bag Qty
311.16.18.14	1/8	1/4	8	11	24	14	20
311.16.14.38	1/4	3/8	11	11,5	27,5	17	10
311.16.14.12	1/4	1/2	11	14	30,5	22	10
311.16.38.12	3/8	1/2	11,5	14	31	22	10
311.16.12.34	1/2	3/4	14	16,5	37	27	5
311.16.34.01	3/4	1"	16,5	19	42,5	34	5

**311.15**

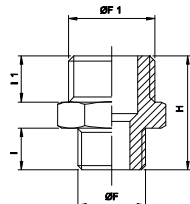
Nippolo M/M cilindrico  
Cylindrical male nipple



CODICE-CODE	F	I	H	CH	Bag Qty
311.15.M5	M5	4	11,5	8	20
311.15.18	1/8	6	16,5	14	20
311.15.14	1/4	8	21	17	20
311.15.38	3/8	9	23	19	10
311.15.12	1/2	10	25,5	24	10

**311.17**

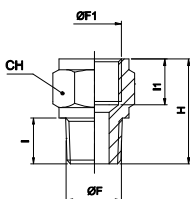
Nippolo M/M cilindrico ridotto  
Cylindrical male nipple



CODICE-CODE	F	F 1	I	I 1	H	CH	Bag Qty
311.17.M5.18	M5	1/8	4	6	14,5	14	20
311.17.18.14	1/8	1/4	6	8	19	17	20
311.17.18.38	1/8	3/8	6	9	20	19	20
311.17.14.38	1/4	3/8	8	9	22	19	10
311.17.14.12	1/4	1/2	8	10	23,5	24	10
311.17.38.12	3/8	1/2	9	10	24,5	24	10
311.17.12.34	1/2	3/4	10	11	27,5	30	5
311.17.34.01	3/4	1"	12	11	32	36	5

**311.18**

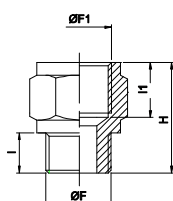
Nippolo M/F conico  
M/F conical reducer



CODICE-CODE	F	F 1	I	I 1	H	CH	Bag Qty
311.18.18.18	1/8	1/8	8	8	18	14	20
311.18.18.14	1/8	1/4	8	11	21,5	17	20
311.18.14.14	1/4	1/4	11	11	24,5	17	10
311.18.14.38	1/4	3/8	11	11,5	25,5	22	10
311.18.14.12	1/4	1/2	11	14	29	24	5
311.18.38.38	3/8	3/8	11,5	11,5	26	22	10
311.18.38.12	3/8	1/2	11,5	14	29,5	24	5
311.18.12.12	1/2	1/2	14	14	32	26	5

**311.19**

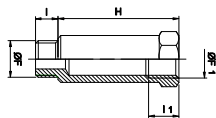
Nippolo M/F cilindrico  
M/F cylindrical reducer



CODICE-CODE	F	F 1	I	I 1	H	CH	Bag Qty
311.19.18.18	1/8	1/8	6	8	16	14	20
311.19.18.14	1/8	1/4	6	11	19,5	17	20
311.19.14.14	1/4	1/4	8	11	21,5	17	20
311.19.14.38	1/4	3/8	8	11,5	22,5	22	20
311.19.14.12	1/4	1/2	8	14	26	24	10
311.19.38.38	3/8	3/8	9	11,5	23,5	22	10
311.19.38.12	3/8	1/2	9	14	27	24	10
311.19.12.12	1/2	1/2	10	14	28	26	5

**311.20**

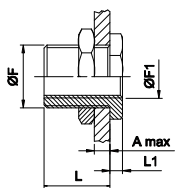
Colonna M/F  
M/F h22 cylindrical extension reducer



CODICE-CODE	F	F 1	I	I 1	H	L	CH	Bag Qty
311.20.18.18	1/8	1/8	6	8	16	22	14	20
311.20.18.18	1/8	1/8	6	8	45	51	14	10
311.20.14.14	1/4	1/4	8	11	27	35	17	10
311.20.14.141	1/4	1/4	8	11	43	51	17	5

**311.21**

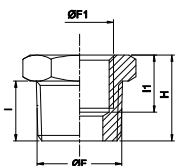
Passaparete M/F  
F/F bulkhead



CODICE-CODE	F	F 1	A max	L	L 1	CH	CH 1	Bag Qty
311.21.M5	M10X1	M5	7	10,5	3,5	14	14	10
311.21.18	M16X1,5	1/8	10	14	4	19	22	10
311.21.14	M20X1,5	1/4	16	21	4	24	27	5
311.21.38	M26X1,5	3/8	15	21	5	30	32	5
311.21.12	M28X1,5	1/2	21	27	6	32	36	5

**311.22**

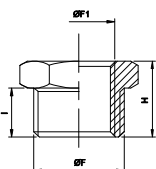
Riduzione M/F conica  
M/F conical reducer



CODICE-CODE	F	F 1	I	I 1	H	CH	Bag Qty
311.22.14.18	1/4	1/8	11	8	16	14	20
311.22.38.18	3/8	1/8	11,5	8	16,5	17	20
311.22.38.14	3/8	1/4	11,5	11	16,5	17	20
311.22.12.18	1/2	1/8	14	8	19,5	22	10
311.22.12.14	1/2	1/4	14	11	19,5	22	10
311.22.12.38	1/2	3/8	14	11,5	19,5	22	10
311.22.34.12	3/4	1/2	16,5	14	23	27	5

**311.23**

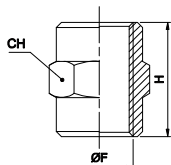
Riduzione M/F cilindrica  
M/F cylindrical reducer



CODICE-CODE	F	F 1	I	H	CH	Bag Qty
311.23.18.M5	1/8	M5	6	10,5	14	20
311.23.14.18	1/4	1/8	8	13	17	20
311.23.38.18	3/8	1/8	9	14	19	20
311.23.38.14	3/8	1/4	9	14	19	20
311.23.12.18	1/2	1/8	10	15,5	24	10
311.23.12.14	1/2	1/4	10	15,5	24	10
311.23.12.38	1/2	3/8	10	15,5	24	10
311.23.34.12	3/4	1/2	11	17,5	30	5

**311.24**

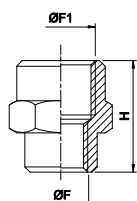
Manicotto F/F  
F/F sleeve



CODICE-CODE	F	H	CH	Bag Qty
311.24.M5	M5	11	8	20
311.24.18	1/8	15	14	20
311.24.14	1/4	22	17	20
311.24.38	3/8	23	22	10
311.24.12	1/2	28	26	10
311.24.34	3/4	32	32	5

**311.25**

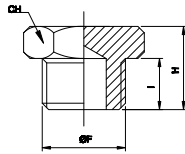
Manicotto F/F ridotto  
F/F sleeve reducer



CODICE-CODE	F	F 1	H	CH	Bag Qty
311.25.M5.18	M5	1/8	13,5	14	10
311.25.18.14	1/8	1/4	19	17	10
311.25.18.38	1/8	3/8	20	22	10
311.25.14.38	1/4	3/8	22,5	22	10
311.25.14.12	1/4	1/2	26	24	10
311.25.38.12	3/8	1/2	26	24	10

**311.26**

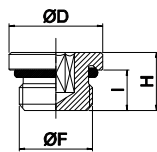
Tappo M esagonale  
Male plug



CODICE-CODE	F	I	H	CH	Bag Qty
311.26.18	1/8	6	10	14	20
311.26.14	1/4	8	12,5	17	20
311.26.38	3/8	9	13,5	19	20
311.26.12	1/2	10	15,5	24	10

**311.28**

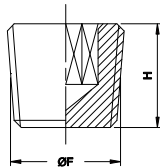
Tappo M cilindrico c/oring  
Cylindrical male plug with o-ring



CODICE-CODE	F	I	H	D	CH	Bag Qty
311.28.18	1/8	6,5	9,5	14	5	20
311.28.14	1/4	8	11,5	17	6	20
311.28.38	3/8	9	12,5	20	8	20
311.28.12	1/2	10	14	26	10	10

**311.29**

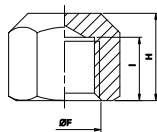
Grano conico in ottone  
Conical brass male plug



CODICE-CODE	F	H	CH	Bag Qty
311.29.18	1/8	7,5	5	20
311.29.14	1/4	10	6	20
311.29.38	3/8	11	8	20
311.29.12	1/2	13	10	10

**311.30**

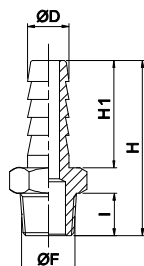
Tappo femmina  
Plug female



CODICE-CODE	F	I	H	CH	Bag Qty
311.30.18	1/8	8	11,5	14	20
311.30.14	1/4	11	15	17	20
311.30.38	3/8	11,5	15,5	20	10
311.30.12	1/2	14	20	24	10

**311.31**

Portagomma maschio conico  
Conical male hose

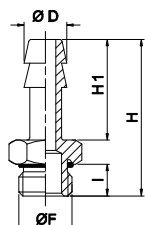


CODICE-CODE	D	F	I	H	H1	CH	Bag Qty
311.31.06.18	6	1/8	8	31,5	19	12	20
311.31.06.14	6	1/4	11	35	19	14	20
311.31.07.18	7	1/8	8	31,5	19	12	20
311.31.07.14	7	1/4	11	35	19	14	20
311.31.08.18	8	1/8	8	31,5	19	12	20
311.31.08.14	8	1/4	11	35	19	14	20
311.31.09.18	9	1/8	8	31,5	19	12	20
311.31.09.14	9	1/4	11	35	19	14	20
311.31.09.38	9	3/8	11,5	35,5	19	17	20
311.31.09.12	9	1/2	14	38,5	19	22	10
311.31.10.14	10	1/4	11	36	20	14	20
311.31.10.38	10	3/8	11,5	36,5	20	17	20
311.31.10.12	10	1/2	14	39,5	20	22	20
311.31.12.38	12	3/8	11,5	36,5	20	17	10
311.31.12.12	12	1/2	14	39,5	20	22	10



**311.32**

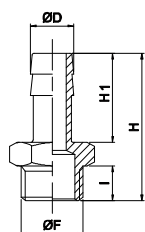
Portagomma maschio cilindrico c/oring  
Cylindrical male hose with o-ring



CODICE-CODE	D	F	I	H	H 1	CH	Bag Qty
311.32.06.18	6	1/8	6,5	30	19	14	20
311.32.06.14	6	1/4	8	32	19	17	20
311.32.07.18	7	1/8	6,5	30	19	14	20
311.32.07.14	7	1/4	8	32	19	17	20
311.32.08.18	8	1/8	6,5	30	19	14	20
311.32.08.14	8	1/4	8	32	19	17	20
311.32.09.18	9	1/8	6,5	30	19	14	20
311.32.09.14	9	1/4	8	32	19	17	20
311.32.09.38	9	3/8	9	33	19	20	20
311.32.12.14	12	1/4	8	33	20	17	10
311.32.12.38	12	3/8	9	34	20	20	10
311.32.12.12	12	1/2	10	35,5	20	24	10

**311.33**

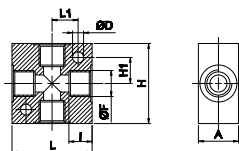
Portagomma cilindrico  
Cylindrical male hose



CODICE-CODE	D	F	I	H	H 1	CH	Bag Qty
311.33.06.18	6	1/8	6	29,5	19	12	20
311.33.06.14	6	1/4	8	32	19	14	20
311.33.07.18	7	1/8	6	29,5	19	12	20
311.33.07.14	7	1/4	8	32	19	14	20
311.33.08.18	8	1/8	6	29,5	19	12	20
311.33.08.14	8	1/4	8	32	19	14	20
311.33.08.38	8	3/8	9	33	19	19	20
311.33.09.14	9	1/4	8	32	19	14	20
311.33.09.38	9	3/8	9	33	19	19	20
311.33.10.14	10	1/4	8	33	20	14	20
311.33.10.38	10	3/8	9	34	20	19	20
311.33.12.14	12	1/4	8	33	20	14	20
311.33.12.38	12	3/8	9	34	20	19	10
311.33.12.12	12	1/2	10	35,5	20	22	10

**311.34**

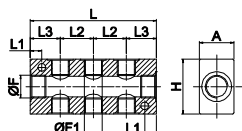
Partitore a 4 vie  
Cross manifold



CODICE-CODE	F	I	H	H 1	L	L 1	D	A	Bag Qty
311.34.18	1/8	8	25	8,5	25	8,5	4,5	16	10
311.34.14	1/4	11	40	13	40	13	5,5	20	5
311.34.38	3/8	11,5	50	17	50	17	5,5	25	2
311.34.12	1/2	14	50	17	50	17	5,5	30	2

**311.35**

Partitore multiplo uscite 1 lato  
Multiple out-put 1 side manifold



CODICE-CODE	F	F 1	A	H	L 1	L 2	L 3	L	N°	Bag Qty
311.35.14.02	1/4	1/8	20	30	4,5	18	18	54	2+2	2
311.35.14.03	1/4	1/8	20	30	4,5	18	18	72	3+3	2
311.35.14.04	1/4	1/8	20	30	4,5	18	18	90	4+4	2
311.35.14.05	1/4	1/8	20	30	4,5	18	18	108	5+5	2
311.35.38.02	3/8	1/4	25	40	8,5	24	22	68	2+2	2
311.35.38.03	3/8	1/4	25	40	8,5	24	22	92	3+3	2
311.35.38.04	3/8	1/4	25	40	8,5	24	22	116	4+4	2
311.35.38.05	3/8	1/4	25	40	8,5	24	22	140	5+5	2