

AUTOMAÇÃO INDUSTRIAL

Instrumentação e controlo:

Sondas de temperaturas2

- Termopares
- Termorresistências
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**TEC2000-2 EQUIPAMENTOS
INDUSTRIAIS, UNIPESSOAL, LDA.**

Rua do Ribatejo N°187/189
2870-128 Montijo , Portugal

Tel: 212 316 978

Fax: 212 316 979

e-mail: sd.tec2000@sapo.pt

INSTRUMENTAÇÃO E CONTROLO



SONDAS DE TEMPERATURA

TERMOPARES

J, K, R, S, T, ETC.

TERMORRESISTÊNCIAS

PT100, PT500, PT1000 2, 3 ou 4 fios

SIMPLES OU DUPLAS COM OU SEM CONVERSOR

CARACTERÍSTICAS ESPECIAIS COM E SEM ISOLAMENTO MINERAL



ACESSÓRIOS



RESISTÊNCIAS ELÉCTRICAS

APLICAÇÕES DOMÉSTICAS E INDUSTRIAIS



VARETA EM INOX OU COBRE



TRAÇAGEM



TUBULARES / CARTUCHO



ALHETADAS



PLANA

GOLA / BRAÇADEIRA



NÚCLEOS



INFRAVERMELHOS



PLACAS DE FOGÃO

MANÓMETROS E TERMÓMETROS

MANÓMETROS DE BOURDON

DIAM. 40, 50, 63, 80, 100, 160 e 250 mm
CLASSE DE EXACTIDÃO - 0,6, 1,0 e 1,6

MANÓMETROS DE CÁPSULA

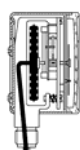
DIAM. 63, 100 e 160 mm
CLASSE DE EXACTIDÃO - 1,6

MANÓMETROS DE DIAFRAGMA

DIAM. 100 e 160 mm
CLASSE DE EXACTIDÃO - 1,6

PRESSÃO DIFERENCIAL

TRANSMISORES
COMUTADORES
INDICADORES



TERMÓMETROS

DIAM. 63, 80, 100 e 160 mm

CLASSE DE EXACTIDÃO 1 e 2



TERMÓMETRO HORIZONTAL



TERMÓMETRO VERTICAL



TERMÓMETRO ANGULAR



TERMOMETRO C/ PROTECÇÃO



COM CONTACTOS ELÉCTRICOS



OUTROS PRODUTOS

MANÓMETROS DE COLUNA "U"

MANÓMETROS DE COLUNA INCLINADA

MANÓMETROS DE PRESSÃO DIFERENCIAL

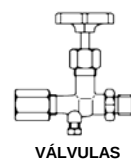
MANÓMETROS COM SEPARADOR QUÍMICO

MÓDULOS DE CONTACTOS ELÉCTRICOS

ACESSÓRIOS DE LIGAÇÃO PARA MANÓMETROS



SIFÃO



VÁLVULAS

TERMÓMETROS PORTÁTEIS DE MEDIÇÃO

TERMOMETROS

Gamas de $-200\text{ }^{\circ}\text{C}$ a $+1320\text{ }^{\circ}\text{C}$
 Sensores a Pt100, Pt1000 ou tipo J, K, T, N, E
 Indicação em $^{\circ}\text{C}$ ou $^{\circ}\text{F}$
 Possibilidade de 2 entradas
 MIN, MAX, REL, RECORD
 Selecção de Termopares
 Saídas opcionais (RS232C ou USB)
 Diversos tipos e formas de sondas para todas as aplicações



TERMOHIGRÓMETROS

Gamas de $-200\text{ }^{\circ}\text{C}$ a $+600\text{ }^{\circ}\text{C}$ / 5-98% H.R.
 Sensores de temperatura a Pt100, Pt1000 e tipo K
 Indicação em diversas escalas técnicas
 Armazenagem de valor mínimo, máximo e média
 Saídas opcionais (RS232 ou USB)
 Soluções de Calibração
 Diversos tipos e formas de sondas para todas as aplicações



MANÓMETROS

Gamas de 10 mbar a 500bar de pressão relativa diferencial absoluta
 Diversos acessórios para ligação ao processo
 Diversas gamas de sensores de pressão
 Conversão de Escala de Medida
 Saída opcional RS232 ou USB



CONDUCTIVÍMETROS



SONÓMETROS



MEDIDORES pH



LUXÍMETROS



CALIBRADORES E SIMULADORES DE PRESSÃO

A MAIS COMPLETA GAMA DE CALIBRADORES DE PROCESSO E LABORATÓRIO

MODELO	SIMULAÇÃO						MEDIDA						PRECISÃO	DOIS CANAIS
	mA	mV	V	Tc	RTD	Hz	mA	mV	V	Tc	RTD	P		
UniCal Tc		X		X				X		X			±0.04% rdg	--
UniCal RTD					X						X		±0.04% rdg	--
UniCal mA	X						X						±0.05% rdg	--
UniCal MMX2	X	X	X			X	X	X	X	X	Ω		±0.03% rdg	Sim
	mA	mV	V	Tc	RTD	Hz	mA	mV	V	Tc	RTD	P		
MicroCal 1+ TRX	X	X	X	X	X		X	X	X	X	X		±0.03% rdg	Sim
MicroCal 2+	X	X	X	X	X		X	X	X	X	X		±0.02% rdg	Sim
MicroCal 10+	X	X	X	X	X		X	X	X	X	X		±0.02% rdg	--
MicroCal 20 DPC	X	X	X	X	X	X	X	X	X	X	X	X	±0.01% rdg	Sim
	mA	mV	V	Tc	RTD	Hz	mA	mV	V	Tc	RTD	P		
MicroCal 200	X	X	X	X	X	X	X	X	X	X	X		±0.02% rdg	Sim
MicroCal 200+	X	X	X	X	X	X	X	X	X	X	X		±0.01% rdg	Sim
MicroCal 2000+	X	X	X	X	X	X	X	X	X	X	X		±0.005% rdg	Sim
MicroCal P100							X					X	±0.05% FS	--
MicroCal P200	X		X				X		X		X	X	±0.025% FS	--
MicroCal P							X		X			X	±0.05% rdg	--
MicroCal P20	X	X	X				X	X	X		X	X	±0.025% FS	Sim
MicroCal PM200	X	X	X	X	X		X	X	X	X	X	X	±0.025% rdg	Sim

Simulação e medida de: Termopares, Termoresistências, mV, V, mA, Ohm, Hz, pressão, etc.



MicroCal 200, 2000



MicroCal 20



MicroCal 1+TRX, 2+, 10



UniCal



MicroCal PM200



MicroCal P200



MicroCal P



MicroCal P100

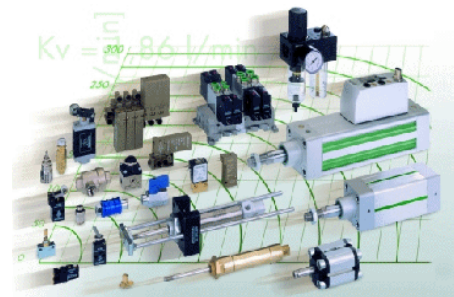
PNEUMÁTICA, marcas comercializadas:



FESTO



KUHNKE



ASCA
JOUCOMATIC



KPM



UNIVER



SMC



METAL[®] WORK
PNEUMATIC



numatics[®]

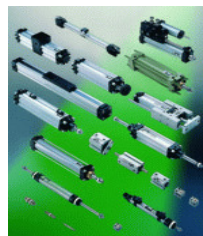
We're everywhere you need us to be!



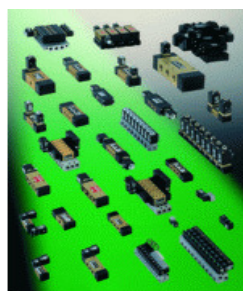
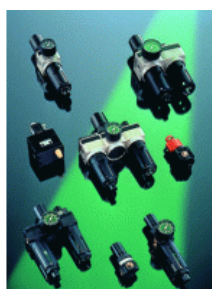
NORGREN



Parker



PNEUMAX

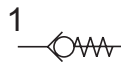


Rexroth
Bosch Group





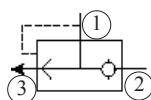
CODE	A
VUM5	M5
VU18	1/8"
VU14	1/4"
VU38	3/8"
VU12	1/2"
VU34	3/4"
VU10	1"



ENTRATA = ① = In
USCITA = ② = Out



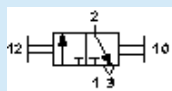
CODE	A
VSR18	1/8"
VSR14	1/4"
VSR38	3/8"
VSR12	1/2"
VSR34	3/4"
VSR10	1"



ALIMENTAZIONE = ① = SUPPLY
CONNESSIONE ALL'ATTUATORE = ② = CONNECTION TO THE ACTUATOR
SCARICHI = ③ = EXHAUST



CODE	G
VM18	G 1/8"
VM14	G 1/4"
VM38	G 3/8"
VM12	G 1/2"
VM34	G 3/4"



ALIMENTAZIONE = ① = SUPPLY
USCITA = ② = OUT
SCARICHI = ③ = EXHAUSTS



Tubo in PVC rinforzato

Mod.	D/d	Pressione max (bar) a 20 C°	Peso (g/m)	Raggio min. di curv. (mm)	Matassa (m)
PV 6/4	6/4	40	21.8	50	50
PV 8/6	8/6	40	23.3	60	50
PV 10/8	10/8	35	35.3	65	50
PV 12/10	12/10	28	51	80	50
PV 15/12,5	15/12,5	28	69	90	50



Tubo in poliammide PA12

Mod.	D/d	Pressione max (bar) a 23 C°	Peso (g/m)	Raggio min. di curv. (mm)	Matassa (m)
TRN 4/2	4/2	30	9.8	16	100
TRN 5/3	5/3	25	13.1	20	100
TRN 6/4	6/4	20	16.3	35	100
TRN 8/6	8/6	14	22.9	65	100
TRN 10/8	10/8	11	29.4	100	50
TRN 12/10	12/10	9	35.9	125	50



Tubo in Polietilene a bassa densità

Mod.	D/d	Pressione max (bar) a 23 C°	Peso (g/m)	Raggio min di curv. (mm)	Matassa (m)
TPE 5/3	5/3	12	11.3	23	100
TPE 6/4	6/4	11	14.1	32	100
TPE 8/6	8/6	8	19.8	43	100
TPE 10/8	10/8	7	25.4	76	100



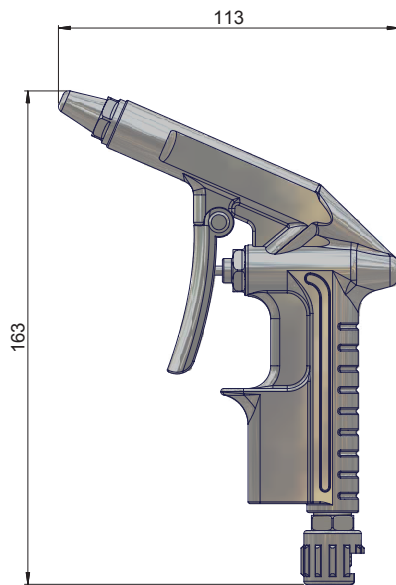
Tubo in PU 98 Sh

Mod.	D/d	Pressione max (bar) a 23 C°	Peso (g/m)	Raggio min. di curv. (mm)	Matassa (m)
TPC 4/2	4/2	14	11.5	11	100
TPC 6/4	6/4	10	19.2	18	100
TPC 8/6	8/6	7	26.8	35	100
TPC 10/8	10/8	5.5	34.5	45	100
TPC 12/8	12/8	6	60.3	50	100

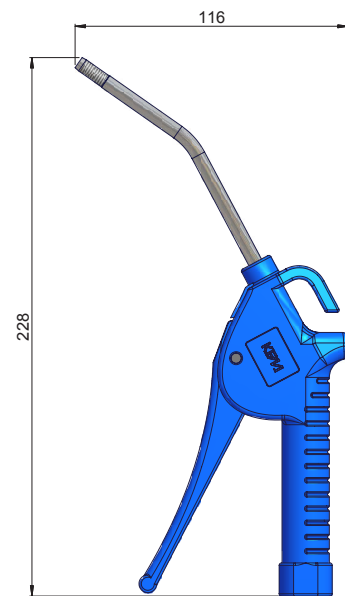
Spirale in Rilsan (PA)



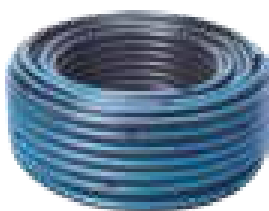
Mod.	D/d	Pressione max (bar) a 20°C	Ø esterno	Lunghezza (chiusa)	Lunghezza max
TSP 6/4	6/4	20	64	1000	15
TSP 8/6	8/6	14	86	1000	15
TSP 10/8	10/8	11	102	1050	15
TSP 12/10	12/10	9	126	1050	15



Aria compressa Compressed air
Pistola di soffiaggio con valvola di pressione
Air duster with pressure valve
G¹/₄ + ghiera G¹/₄ + ring nut
10 bar max
Alluminio Aluminium
435 l/min max.
100 db (A)
0.313 Kg



Aria compressa Compressed air
Pistola di soffiaggio con valvola di pressione
Air duster with pressure valve
G¹/₄
10 bar max
Tecnopolimero Tecnopolymer
435 l/min max.
100 db (A)
0.184 Kg



helivyl ar cristal premium

Grupo Group	Código / Code Ø Int. Inside (mm)	Comp. Length (m)	Cor Color	Ø Ext. Outside (mm)	Peso Weight (Kg/m)	Press. Trab. Working Press. (bar)	Press. Ruptura Rupture Press. (bar)
350 216	006	025 050 100	91	12,0	0,105	20	60
350 216	008	025 050 100	91	14,0	0,130	20	60
350 216	010	025 050 100	91	16,0	0,155	20	60
350 216	012	025 050 100	91	18,5	0,180	20	60
350 216	016	025 050 100	91	23,2	0,270	16	50
350 216	019	025 050 100	91	26,4	0,340	15	38
350 216	025	025 050 100	91	33,4	0,470	15	38

helivyl ar 20 premium

Grupo Group	Código / Code Ø Int. Inside (mm)	Comp. Length (m)	Cor Color	Ø Ext. Outside (mm)	Peso Weight (Kg/m)	Press. Trab. Working Press. (bar)	Press. Ruptura Rupture Press. (bar)
350 236	006	025 050 100	83	12,0	0,130	20	63
350 236	008	025 050 100	83	14,0	0,150	20	63
350 236	010	025 050 100	83	16,4	0,180	20	63
350 236	012	025 050 100	83	21,0	0,270	20	63
350 236	016	025 050 100	83	25,6	0,430	20	63
350 236	019	025 050 100	83	28,8	0,510	20	63
350 236	025	025 050 100	83	36,0	0,700	20	63

D R

6 - 1/8

6 - 1/4

7 - 1/8

7 - 1/4

8 - 1/8

8 - 1/4

9 - 1/8

9 - 1/4

9 - 3/8

9 - 1/2

10 - 1/8

10 - 1/4

10 - 3/8

10 - 1/2

12 - 1/4

12 - 3/8

12 - 1/2

14 - 3/8

14 - 1/2

16 - 3/8

16 - 1/2

16 - 3/4

17 - 3/8

17 - 1/2

18 - 3/8

18 - 1/2

18 - 3/4

20 - 3/8

20 - 1/2

20 - 3/4

25 - 3/4

25 - 1"

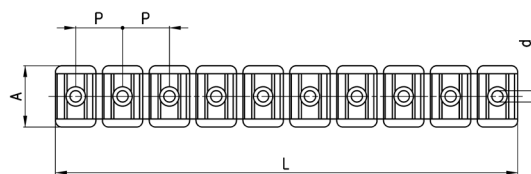
Ø largura Press. (Bars)

17-19	18	45
19-21	18	45
21-23	18	45
23-25	18	45
25-27	18	45
27-29	18	45
29-31	20	40
31-34	20	40
34-37	20	40
37-40	20	40
40-43	20	40
43-47	20	36
47-51	20	36
51-55	20	36
55-59	20	36
59-63	20	36
63-68	20	36
68-73	25	28
73-79	25	28

Ø L max. Press.(Bars)

8-16	22,1	45
12-22	22,1	45
16-27	23,6	42
20-32	23,6	36
25-40	25,6	32
30-45	25,6	28
32-50	25,6	24
40-60	25,6	19
50-70	29,6	17
60-80	29,6	15
70-90	29,6	13
80-100	29,6	11
90-110	29,6	10
100-120	29,6	9
110-130	29,6	8
120-140	29,6	7
130-150	29,6	6
140-160	29,6	5

Morsettiera porta tubi in plastica



Mod.	Ø Tubo	L	A	d	P	N° posizioni
MPL-4	4	114	19	2.8	11.7	10
MPL-6	6	114	19	2.8	11.7	10
MPL-8	8	143	19	3.8	14.6	10
MPL-10	10	172	19	5.3	17.4	10
MPL-12	12	162	19	5.3	20.5	8



Pinza tagliatubo piccola e grande

Mod.	
PNZ-12	può tagliare tubi con Ø fino a 12 mm
PNZ-25	può tagliare tubi con Ø fino a 25 mm

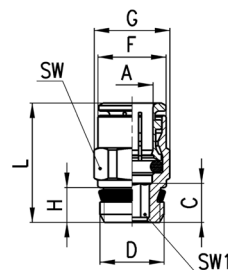
Pinza tagliatubi in plastica Mod. PNZP-12



Mod.	
PNZP-12	può tagliare tubi con Ø fino a 12 mm

Raccordi Mod. S6510

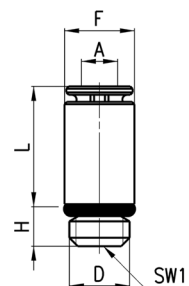
Diritto Maschio Sprint®



DIMENSIONI										
Mod.	A	D	C	F	G	H	L	SW	SW1	Peso (g)
S6510 4-1/8	4	G1/8	3,8	8,8	13,2	5,5	18	12	2,5	9
S6510 4-1/4	4	G1/4	5,5	8,8	15,2	7	19,5	14	2,5	15
S6510 5-1/8	5	G1/8	3,8	9,8	13,2	5,5	19	12	3	8
S6510 5-1/4	5	G1/4	5,5	9,8	15,2	7	20	14	3	14
S6510 6-1/8	6	G1/8	6	11,7	13,2	5,5	22	12	4	10
S6510 6-1/4	6	G1/4	5,5	11,7	15,2	7	21	14	4	14
S6510 6-3/8	6	G3/8	6,5	11,7	20,5	8	22,5	19	4	27
S6510 8-1/8	8	G1/8	7,5	13,7	15,2	5,5	25	14	5	13
S6510 8-1/4	8	G1/4	6,5	13,7	15,2	7	24	14	6	14
S6510 8-3/8	8	G3/8	6	13,7	20,5	8	23,5	19	6	25
S6510 8-1/2	8	G1/2	7,5	13,7	24,5	9	25	22	6	43
S6510 10-1/4	10	G1/4	8,3	15,4	18,5	7	28,5	17	7	23
S6510 10-3/8	10	G3/8	5,3	15,4	20,5	8	25,5	19	8	27
S6510 10-1/2	10	G1/2	4,8	15,4	24,5	9	25	22	8	39
S6510 12-1/4	12	G1/4	10,3	18,3	20,5	7	29,5	19	7	26
S6510 12-3/8	12	G3/8	9,3	18,3	20,5	8	28,5	19	9	30
S6510 12-1/2	12	G1/2	5,8	18,3	24,5	9	25	22	10	36
S6510 14-3/8	14	G3/8	10,3	20,5	24,5	8	30,5	22	9	42
S6510 14-1/2	14	G1/2	6,3	20,5	24,5	9	26,5	22	12	34
S6510 16-1/2	16	G1/2	9	23,5	26,5	9	32	24	-	42
S6510 16-3/4	16	G3/4	3,5	23,5	27,3	9	26,5	24	-	46

Raccordi Mod. 6512 Micro

Diritto Maschio Metrico-Cilindrico

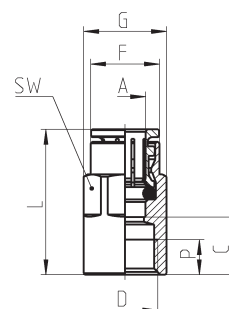


DIMENSIONI								
Mod.	A	D	F	H	L	SW1	Peso (g)	
6512 3-M3	3	M3	5,8	2,5	10,2	1,5	1	*
6512 3-M5	3	M5	5,8	3,5	10	2	1	•
6512 4-M7-M	4	M7	9,4	5	17,5	2,5	5	•
6512 4-1/8-M	4	G1/8	11,2	5	13	2,5	9	•
6512 6-M7-M	6	M7	10,4	5	17	4	7	•
6512 6-1/8-M	6	G1/8	11,2	5	14	4	7	•
6512 8-1/8-M	8	G1/8	12,4	5	18,5	5	10	•
6512 10-1/4-M	10	G1/4	14,8	6	21	7	16	•

* = con guarnizione
• = con O-Ring

Raccordi Mod. 6463

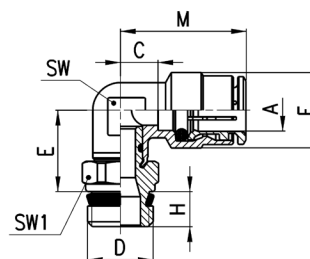
Diritto Femmina Metrico-Cilindrico



DIMENSIONI								
Mod.	A	D	C	F	G	L	SW	Peso (g)
6463 4-M5	4	M5	6,5	7,8	8,8	20,5	9	8
6463 4-1/8	4	G1/8	10	9	13	24	12	14
6463 5-1/8	5	G1/8	10	9,8	13	25	12	14
6463 6-1/8	6	G1/8	10	11,7	13	26	12	14
6463 6-1/4	6	G1/4	11,5	11,9	16,5	27,5	15	23
6463 8-1/8	8	G1/8	9,5	13,7	15,2	27	14	16
6463 8-1/4	8	G1/4	11,5	13,7	16,5	29	15	23
6463 10-1/4	10	G1/4	11,3	15,4	18,5	31,5	17	29

Raccordi Mod. S6520

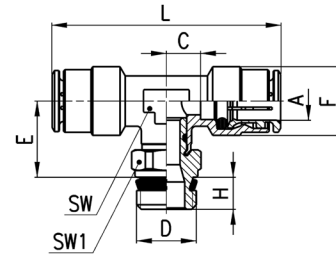
Gomito Maschio Girevole Sprint®



DIMENSIONI										
Mod.	A	D	C	E	F	H	M	SW	SW1	Peso (g)
S6520 4-1/8	4	G1/8	3,5	14,5	9	5,5	17,5	8	12	17
S6520 4-1/4	4	G1/4	3,5	14,5	9	7	17,5	8	14	23
S6520 5-1/8	5	G1/8	5,5	14,5	10	5,5	20,5	9	12	17
S6520 5-1/4	5	G1/4	5,5	14,5	10	7	20,5	9	14	23
S6520 6-1/8	6	G1/8	4	15	12,7	5,5	20	9	12	20
S6520 6-1/4	6	G1/4	4	15	12,7	7	20	9	14	23
S6520 6-3/8	6	G3/8	4	15,5	12,7	8	20	9	19	33
S6520 8-1/8	8	G1/8	5	16	14,2	5,5	22,5	11	12	22
S6520 8-1/4	8	G1/4	5	16	14,2	7	22,5	11	14	26
S6520 8-3/8	8	G3/8	5	16,5	14,2	8	22,5	11	19	41
S6520 8-1/2	8	G1/2	5	17	14,2	9	22,5	11	22	48
S6520 10-1/4	10	G1/4	5,8	18,5	16,5	7	26	13	14	32
S6520 10-3/8	10	G3/8	5,8	19	16,5	8	26	13	19	43
S6520 10-1/2	10	G1/2	5,8	19,5	16,5	9	26	13	22	62
S6520 12-1/4	12	G1/4	7,3	20	19,5	7	26,5	15	17	49
S6520 12-3/8	12	G3/8	7,3	20	19,5	8	26,5	15	19	48
S6520 12-1/2	12	G1/2	7,3	20,5	19,5	9	26,5	15	22	70
S6520 14-3/8	14	G3/8	8,3	21	21,5	8	28,5	17	19	74
S6520 14-1/2	14	G1/2	8,3	21,5	21,5	9	28,5	17	22	78

Raccordi Mod. S6430

T Maschio Girevole Sprint®

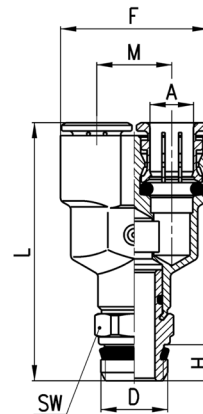


DIMENSIONI										
Mod.	A	D	C	E	F	H	L	SW	SW1	Peso (g)
S6430 4-1/8	4	G1/8	3,5	14,5	9	5,5	35	8	12	18
S6430 5-1/8	5	G1/8	5,5	14,5	10	5,5	41	9	12	24
S6430 5-1/4	5	G1/4	5,5	14,5	10	7	41	9	14	30
S6430 6-1/8	6	G1/8	4	15	12,7	5,5	40	9	12	28
S6430 6-1/4	6	G1/4	4	15	12,7	7	40	9	14	33
S6430 8-1/8	8	G1/8	5	16	14,2	5,5	45	11	12	37
S6430 8-1/4	8	G1/4	5	16	14,2	7	45	11	14	42
S6430 8-3/8	8	G3/8	5	16,5	14,2	8	45	11	19	51
S6430 10-1/4	10	G1/4	5,8	18,5	16,5	7	52	13	14	56
S6430 10-3/8	10	G3/8	5,8	19	16,5	8	52	13	19	67
S6430 10-1/2	10	G1/2	5,8	19,5	16,5	9	52	13	22	85
S6430 12-1/4	12	G1/4	7,3	20	19,5	7	53	15	17	60
S6430 12-3/8	12	G3/8	7,3	20	19,5	8	53	15	19	65
S6430 12-1/2	12	G1/2	7,3	20,5	19,5	9	53	15	22	89
S6430 14-1/2	14	G1/2	8,3	21,5	21,5	9	57	17	22	88

Raccordi Mod. 6451 e Mod. S6450

Mod. 6451: Y Maschio Orientabile Metrico

Mod. S6450: Y Maschio Girevole Sprint®

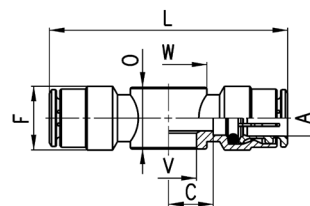


DIMENSIONI									
Mod.	A	D	F	H	L	M	SW	Peso (g)	
6451 4-M5	4	M5	18	4	26,5	9	-	17	*
6451 6-M5	6	M5	24,5	4	29,5	12,5	-	27	*
S6450 4-1/8	4	G1/8	18	5,5	38	9	12	23	
S6450 6-1/8	6	G1/8	24,5	5,5	41,5	12,5	12	33	
S6450 8-1/8	8	G1/8	28,5	5,5	48,5	14,5	14	48	
S6450 8-1/4	8	G1/4	28,5	7	50	14,5	14	50	

* = modello non girevole con guarnizione

Raccordi Mod. 6620 assemblabili con Modelli 1631, 1635

Anello doppio



DIMENSIONI

Mod.	A	C	F	L	O	V	W	Peso (g)
6620 4-M5	4	5	9	38	9	5,1	Ø 9	13
6620 4-1/8	4	7,5	9	43	14,5	9,8	Ø 14	19
6620 6-1/8	6	8	12,7	48	14,5	9,8	Ø 14	24
6620 6-1/4	6	10	12,7	52	14,5	13,2	Ø 18	26
6620 8-1/8	8	8	14,2	51	14,5	9,8	Ø 14	32
6620 8-1/4	8	10	14,2	55	14,5	13,2	Ø 18	34

Raccordi Mod.1631 completi di guarnizioni

01... = Vite Cava Singola

02... = Vite Cava Doppia

03... = Vite Cava Tripla



Mod.

1631 01-

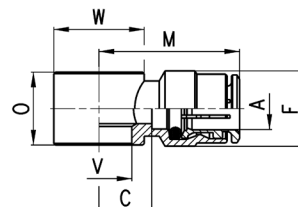
1631 02-

1631 03-

Disegni e quote a pagina
4/2.05.09

Raccordi Mod. 6610 assemblabili con Modelli 1631, 1635

Anello Singolo



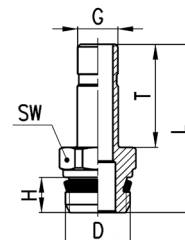
DIMENSIONI

Mod.	A	C	F	M	O	V	W	Peso (g)
6610 4-M5	4	5	9	19	9	5,1	Ø 9	9
6610 4-M6	4	5	9	19	9	5,1	Ø 9	8 •
6610 4-1/8	4	7,5	9	21,5	14,5	9,8	Ø 14	14
6610 5-M5	5	5	10	20	9	5,1	Ø 9	9
6610 5-M6	5	5	10	20	9	5,1	Ø 9	8 •
6610 5-1/8	5	8	10	23	14,5	9,8	Ø 14	16
6610 6-M5	6	6,5	12,7	22,5	9	5,1	Ø 10	12
6610 6-M6	6	6,5	12,7	22,5	9	5,1	Ø 10	12 •
6610 6-1/8	6	8	12,7	24	14,5	9,8	Ø 14	16
6610 6-1/4	6	10	12,7	26	14,5	13,2	Ø 18	19
6610 8-1/8	8	8	14,2	25,5	14,5	9,8	Ø 14	19
6610 8-1/4	8	10	14,2	27,5	14,5	13,2	Ø 18	22
6610 8-3/8	8	11	14,2	28,5	14,5	16,7	Ø 21	23
6610 10-1/4	10	8,8	16,5	29	14,5	13,2	Ø 18	22 *
6610 10-3/8	10	10,3	16,5	30,5	14,5	16,7	Ø 21	23 *
6610 12-1/2	12	12,8	16,5	32	14,5	21	Ø 26	37 *

• = assemblabili solo con Mod.
SCU, SVU, SCO... M5
* = assemblabili solo con Mod.
1635

Raccordi Mod. 6811

Adattatore Maschio
Metrico Sprint®



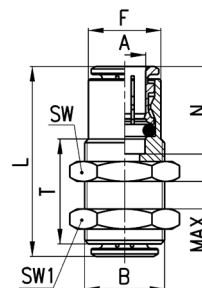
DIMENSIONI

Mod.	G	D	H	T	L	SW	Peso (g)	
6811 4-M5	4	M5	4	16,5	24,5	8	3	*
6811 4-1/8	4	G1/8	5,5	16,5	27,8	12	10	
6811 5-1/8	5	G1/8	5,5	18	29,3	12	9	
6811 5-1/4	5	G1/4	7	18	31	14	11	
6811 6-1/8	6	G1/8	5,5	18	29,3	12	10	
6811 6-1/4	6	G1/4	7	18	31	14	12	
6811 8-1/8	8	G1/8	5,5	20,5	31,8	12	12	
6811 8-1/4	8	G1/4	7	20,5	33,5	14	13	
6811 10-1/4	10	G1/4	7	23	36	14	16	
6811 10-3/8	10	G3/8	8	23	37,3	19	25	
6811 12-3/8	12	G3/8	8	24	38,3	19	25	
6811 14-1/2	14	G1/2	9	28	44	22	39	

* = con O-Ring

Raccordi Mod. 6590

Passaparete

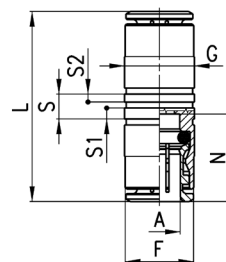


DIMENSIONI

Mod.	A	B	F	L	N	MAX	SW	SW1	T	Peso (g)
6590 4	4	M10x1	8,8	29	14	10,5	14	14	20	16
6590 5	5	M12x1	9,8	31	15	10,5	17	17	20	25
6590 6	6	M14x1	12,5	33	16	10,5	17	17	20	28
6590 8	8	M16x1	14,5	36	17,5	11,5	19	19	21	35
6590 10	10	M18x1	16,3	41,5	20,2	13	22	22	23,5	51
6590 12	12	M20x1	18,8	39,5	19,2	14,5	24	24	25	56
6590 14	14	M22x1	20,5	41,5	20,2	17,5	27	27	30	82

Raccordi Mod. 6580

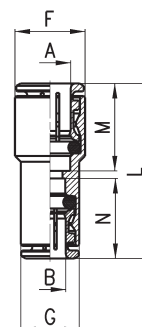
Diritto Intermedio



DIMENSIONI									
Mod.	A	F	G	L	N	S	S1	S2	Peso (g)
6580 4	4	8,4	9	29	14	5	2,2	1,6	11
6580 5	5	9,4	10	31	15	5	2,2	1,6	15
6580 6	6	11,7	12	34	16	5	2,2	1,6	16
6580 8	8	13,7	14	37	17,5	5	2,2	1,6	23
6580 10	10	15,4	17	41,5	20,2	5	2,2	1,6	33
6580 12	12	18,3	19	39,5	19,2	5,2	2,2	1,6	40
6580 14	14	20,5	21	41,5	20,2	5,2	2,2	1,6	47

Raccordi Mod. 6580

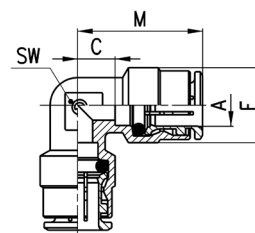
Diritto Ridotto Intermedio



DIMENSIONI								
Mod.	A	B	F	G	L	M	N	Peso (g)
6580 6-4	6	4	12	9	31,5	16	14	12
6580 8-6	8	6	14	12,2	35	17,5	16	19
6580 10-8	10	8	16	14	39	20	17,5	25
6580 12-10	12	10	19	16	40,5	19	20	35

Raccordi Mod. 6550

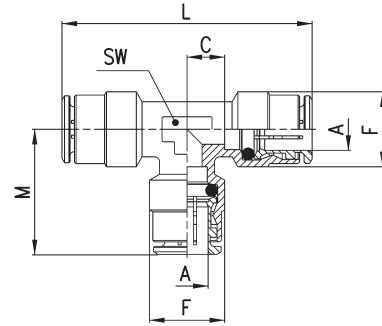
Gomito Intermedio



DIMENSIONI						
Mod.	A	C	F	M	SW	Peso (g)
6550 4	4	3,5	9	17,5	8	8
6550 5	5	5,5	10	20,5	9	15
6550 6	6	4	12,7	20	9	17
6550 8	8	5	14,2	22,5	11	22
6550 10	10	5,8	16,5	26	13	30
6550 12	12	7,3	19,5	26,5	15	44
6550 14	14	8,3	21,5	28,5	17	71

Raccordi Mod. 6540

T Intermedio

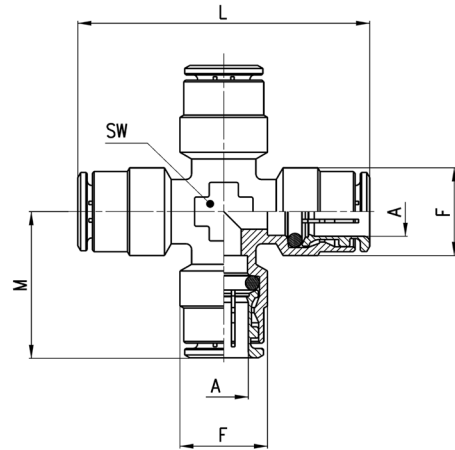


DIMENSIONI

Mod.	A	C	F	L	M	SW	Peso (g)
6540 4	4	3,5	9	35	17,5	8	14
6540 5	5	5,5	10	41	20,5	9	21
6540 6	6	4	12,7	40	20	9	24
6540 8	8	5	14,2	45	22,5	11	32
6540 10	10	5,8	16,5	52	26	13	43
6540 12	12	7,3	19,5	53	26,5	15	60
6540 14	14	8,3	21,5	57	28,5	17	75

Raccordi Mod. 6600

Intermedio a Croce

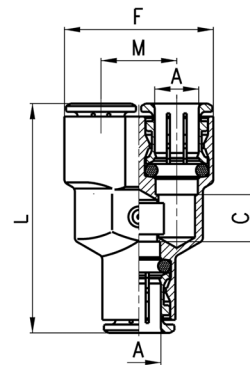


DIMENSIONI

Mod.	A	F	L	M	SW	Peso (g)
6600 4	4	9	38	19	9	26
6600 5	5	10	41	20,5	9	29
6600 6	6	12,7	44	22	10	35
6600 8	8	14,2	49	24,5	12	50
6600 10	10	16,5	55	27,5	14	63
6600 12	12	19,5	56	28	16	84

Raccordi Mod. 6560

Y Intermedio

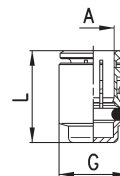


DIMENSIONI

Mod.	A	C	F	L	M	Peso (g)
6560 4	4	5	18	33	9	19
6560 6	6	7	24,5	39	12,5	30
6560 8	8	9	28,5	44	14,5	42
6560 10	10	15,5	32	53,5	16	63

Raccordi Mod. 6750

Tappo femmina

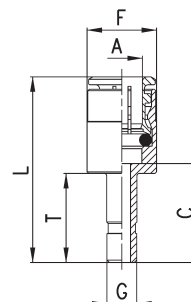


DIMENSIONI

Mod.	A	G	L	Peso (g)
6750 4	4	8,8	15	4
6750 6	6	11,8	17	7
6750 8	8	13,8	18,5	9
6750 10	10	15,8	21	12
6750 12	12	17,8	20	15

Raccordi Mod. 6850

Maggiorazione

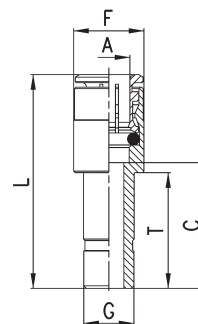


DIMENSIONI

Mod.	A	G	C	F	L	T	Peso (g)
6850 6-4	6	4	17,5	12,7	33,5	16,5	11
6850 8-6	8	6	19	14	36,5	18	15

Raccordi Mod. 6800

Riduzione

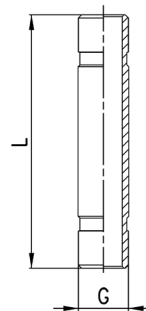


DIMENSIONI

Mod.	A	G	C	F	L	T	Peso (g)
6800 4-5	4	5	19	9	33	18	8
6800 4-6	4	6	15,5	9	29,5	18	9
6800 4-8	4	8	18	9	32	20,5	10
6800 5-6	5	6	19	10	34	18	11
6800 5-8	5	8	18	10	33	20,5	12
6800 6-8	6	8	18	12,7	34	20,5	12
6800 6-10	6	10	20,5	12,7	36,5	23	17
6800 6-12	6	12	17,5	12,7	33,5	24	21
6800 8-10	8	10	20,5	14	38	23	15
6800 8-12	8	12	21,5	14	39	24	22
6800 10-12	10	12	20,3	16,5	40,5	24	27
6800 10-14	10	14	24,3	16,5	44,5	28	33
6800 12-14	12	14	24,3	18,8	45,5	28	27

Raccordi Mod. 6950

Giunzione

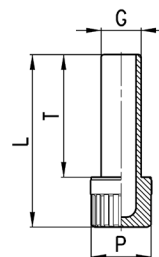


DIMENSIONI

Mod.	G	L	Peso (g)
6950 4	4	32,5	3
6950 6	6	35,5	4
6950 8	8	40,5	7
6950 10	10	46	10
6950 12	12	48	13
6950 14	14	52	17

Accessorio Mod. 6900

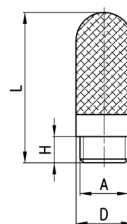
Tappo Maschio in plastica



DIMENSIONI

Mod.	G	L	P	T	Peso (g)
6900 4	4	29	8	20	1
6900 5	5	29,5	8	20,5	1
6900 6	6	31,5	8	22,5	1
6900 8	8	34,5	12	24,5	2
6900 10	10	37	12	27	2
6900 12	12	40,5	16	28,5	3
6900 14	14	42,5	16	30,5	3

Silenziatori Serie 2938



INGOMBRI

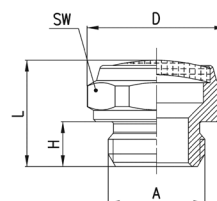
Mod.	A	D	H	L	Max Press. Utilizzo	Portata Nl/min	Rumorosità db (A)
2938 M5	M5	6,5	4,1	23	10	546	67
2938 1/8	G1/8	12,5	5,7	34	10	1441	75
2938 1/4	G1/4	15,5	7	42,5	10	2752	79
2938 3/8	G3/8	18,5	11,5	67,5	10	4735	73
2938 1/2	G1/2	23,5	11	77	10	8534	86

S/L1



Temperatura di utilizzo:
- 40 / + 80 °C

Silenziatori Mod. 2901

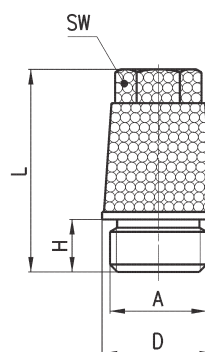


INGOMBRI									
Mod.	A	D	H	L	SW	Max Press.	Utilizzo	Portata NI/min	Rumorosità db (A)
2901 1/8	G1/8	15,3	5	12	14	10		700	76
2901 1/4-17	G1/4	18,5	6	14	17	10		1000	78
2901 1/4-22	G1/4	23,5	6	15	22	10		1600	80
2901 3/8	G3/8	23,5	7	16	22	10		1500	76
2901 1/2	G1/2	29,5	8	17,5	27	10		3400	86
2901 3/4	G3/4	34	9	20	32	6		4100	87
2901 1	G1	43	11	24,5	40	6		7600	88

SIL1



Silenziatori Serie 2921

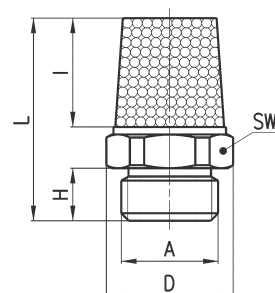


INGOMBRI									
Mod.	A	D	H	L	SW	Max Press.	Utilizzo	Portata NI/min	Rumorosità db(A)
2921 1/8	G1/8	12	4,5	21,5	8	10		1730	81
2921 1/4	G1/4	15	6	28	10	10		3300	85
2921 3/8	G3/8	19	8	37	13	10		4250	79
2921 1/2	G1/2	23	9	43,5	15	10		6800	87
2921 3/4	G3/4	30	10	56	19	10		9800	84
2921 1	G1	37	12	67	24	10		10900	86

SIL1



Silenziatori Serie 2931



INGOMBRI										
Mod.	A	D	H	I	L	SW	Max Press.	Utilizzo	Portata NI/min	Rumorosità db (A)
2931 M5	M5	7,7	4	8	16,5	7		10	450	69
2931 M7	M7	9	5	8,5	20	8		10	1130	76
2931 1/8	G1/8	13	4,5	13	21	12		10	1927	88
2931 1/4	G1/4	16,2	6	16,5	27	15		10	3200	86
2931 3/8	G3/8	20	7	23	35,5	19		10	4560	81
2931 1/2	G1/2	24,5	8	28	42	23		10	6800	87
2931 3/4	G3/4	32	9	37	54	30		10	9600	84
2931 1	G1	38,5	11	47	67	36		10	10800	86

SIL1





CODE

A

ZE003109	G 1/8"
ZE003110	G 1/4"
ZE003111	G 3/8"
ZE003112	G 1/2"



ENTRATA = ① = IN
USCITA SILENZIATA = ② = SILENCED OUT



CODE

A

SLK00001	G 1/8"
SLK00002	G 1/4"
SLK00003	G 3/8"
SLK00004	G 1/2"



ENTRATA = ① = IN
USCITA SILENZIATA = ② = SILENCED OUT



CODE

Ø Tubo

Ø1

Ø2

ZK440400	4	12	4,5
ZK440600	6	12	4,5
ZK440800	8	14,5	4,5
ZK441000	10	18	4,5
ZK441200	12	20	4,5

Per cilindri
For cylinders



TIPI DISPONIBILI AVAILABLE TYPES

ENTRATA ARIA = ① = AIR IN
USCITA ARIA = ② = AIR OUT



CODE

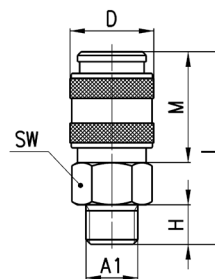
øTubo

Ø1

ZK3804M5C	ZK3804M5V	ZK3804M5B	4	M5
ZK3804M6C	ZK3804M6V	ZK3804M6B	4	M6
ZK380418C	ZK380418V	ZK380418B	4	G 1/8"
ZK380414C	ZK380414V	ZK380414B	4	G 1/4"
ZK380618C	ZK380618V	ZK380618B	6	G 1/8"
ZK380614C	ZK380614V	ZK380614B	6	G 1/4"
ZK380638C	ZK380638V	ZK380638B	6	G 3/8"
ZK380612C	ZK380612V	ZK380612B	6	G 1/2"
ZK3806M5C	ZK3806M5V	ZK3806M5B	6	M5
ZK3806M6C	ZK3806M6V	ZK3806M6B	6	M6
ZK380818C	ZK380818V	ZK380818B	8	G 1/8"
ZK380814C	ZK380814V	ZK380814B	8	G 1/4"
ZK380838C	ZK380838V	ZK380838B	8	G 3/8"
ZK380812C	ZK380812V	ZK380812B	8	G 1/2"
ZK381018C	ZK381018V	ZK381018B	10	G 1/8"
ZK381014C	ZK381014V	ZK381014B	10	G 1/4"
ZK381038C	ZK381038V	ZK381038B	10	G 3/8"
ZK381012C	ZK381012V	ZK381012B	10	G 1/2"
ZK381214C	ZK381214V	ZK381214B	12	G 1/4"
ZK381238C	ZK381238V	ZK381238B	12	G 3/8"
ZK381212C	ZK381212V	ZK381212B	12	G 1/2"

Raccordi Mod. 5051 Serie Mini e Mod. 5081 Standard Europeo

Giunto Maschio Cilindrico



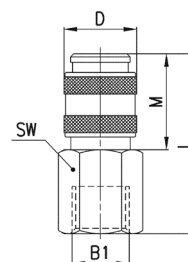
DIMENSIONI

Mod.	A1	Ø	D	H	L	M	SW	Peso (g)
5051 1/8	G1/8	5	17	6	35	20,5	14	28
5051 1/4	G1/4	5	17	8	37	20,5	17	37
5081 1/4	G1/4	7	25	8	47,5	34,5	22	93
5081 3/8	G3/8	7	25	9	48,5	34,5	22	92
5081 1/2	G1/2	7	25	10	49,5	34,5	24	107



Raccordi Mod. 5053 Serie Mini e Mod. 5083 Standard Europeo

Giunto Femmina Cilindrico



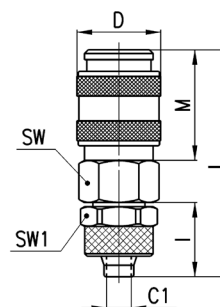
DIMENSIONI

Mod.	B1	Ø	D	L	M	SW	Peso (g)
5053 1/8	G1/8	5	17	37,5	20,5	14	33
5053 1/4	G1/4	5	17	39,5	20,5	17	44
5083 1/4	G1/4	7	25	47,5	34,5	17	88
5083 3/8	G3/8	7	25	49	34,5	20	93
5083 1/2	G1/2	7	25	53	34,5	24	103



Raccordi Mod. 5054 Serie Mini e Mod. 5084 Standard Europeo

Giunto a Calzamento



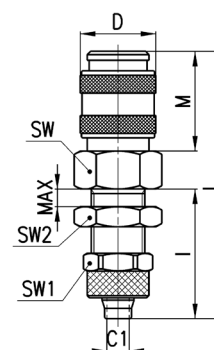
DIMENSIONI

Mod.	Tubo	Ø	C1	D	I	L	M	SW	SW1	Peso (g)
5054 6/4	6/4	5	3	17	15	44	20,5	14	12	36
5054 8/6	8/6	5	5	17	15	44	20,5	14	14	38
5084 8/6	8/6	7	5	25	15	54,5	34,5	22	14	99
5084 10/8	10/8	7	6,5	25	16,5	56	34,5	22	16	103



Raccordi Mod. 5055 Serie Mini

Giunto Passaparete a Calzamento



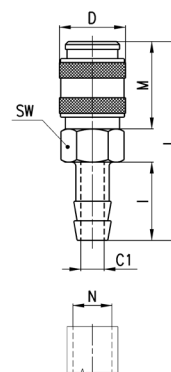
DIMENSIONI

Mod.	Tubo	Ø	C1	D	I	L	M	Max	SW	SW1	SW2	Peso (g)
5055 6/4	6/4	5	3	17	29	58	20,5	10	14	12	14	44
5055 8/6	8/6	5	5	17	29	58	20,5	11	17	14	17	52



Raccordi Mod. 5056 Serie Mini e Mod. 5086 Standard Europeo

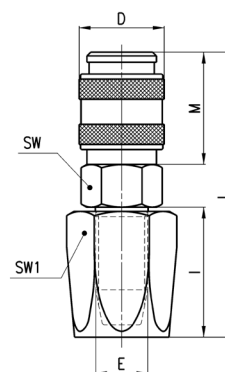
Giunto a Resca



DIMENSIONI									
Mod.	N	Ø	C1	D	I	L	M	SW	Peso (g)
5056 06	6	5	3	17	20	49	20,5	14	30
5056 09	9	5	5	17	20	49	20,5	14	32
5086 09	9	7	5	25	20	59,5	34,5	22	95
5086 12	12	7	8	25	20	59,5	34,5	22	96



Giunto Portagomma

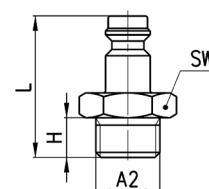


DIMENSIONI										
Mod.	Tubo	Ø	E	D	I	L	M	SW	SW1	Peso (g)
5057 6x14	6 x 14	5	9	17	25	54,5	20,5	17	17	62
5087 6x14	6 x 14	7	9	25	25	64,5	34,5	22	17	117
5087 8x17	8 x 17	7	10	25	25	64,5	34,5	22	19	123
5087 10x19	10 x 19	7	12	25	27	66,5	34,5	22	22	141
5087 13x23	13 x 23	7	15	25	37	76,5	34,5	22	27	195



Raccordi Mod. 5150 Profilo Mini e Mod. 5180 Profilo Europeo

Innesto Maschio

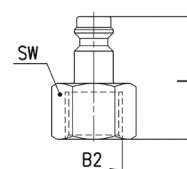


DIMENSIONI						
Mod.	A2	Ø	H	L	SW	Peso (g)
5150 1/8	G1/8	5	6	26	13	12
5150 1/4	G1/4	5	8	28,5	17	19
5180 1/4	G1/4	7	8	33	17	21
5180 3/8	G3/8	7	9	34	19	26
5180 1/2	G1/2	7	10	35,5	24	34



Raccordi Mod. 5350 Profilo Mini e Mod. 5380 Profilo Europeo

Innesto Femmina

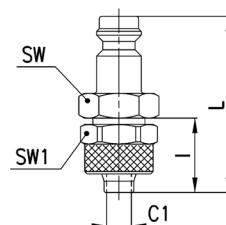


DIMENSIONI					
Mod.	B2	Ø	L	SW	Peso (g)
5350 1/8	G1/8	5	25,5	13	14
5350 1/4	G1/4	5	27,5	17	18
5380 1/4	G1/4	7	31,5	17	21
5380 3/8	G3/8	7	32,5	19	23
5380 1/2	G1/2	7	36,5	24	37



Raccordi Mod. 5450 Profilo Mini e Mod. 5480 Profilo Europeo

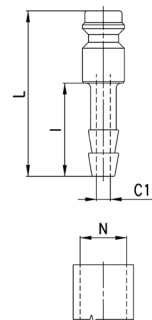
Innesto a Calzamento



DIMENSIONI								
Mod.	Tubo	Ø	C1	I	L	SW	SW1	Peso (g)
5450 6/4	6/4	5	3	15	35	12	12	17
5450 8/6	8/6	5	5	15	35	13	14	22
5480 8/6	8/6	7	5	15	39,5	14	14	25
5480 10/8	10/8	7	6,5	16,5	41,5	17	16	33

Raccordi Mod. 5650 Profilo Mini e Mod. 5680 Profilo Europeo

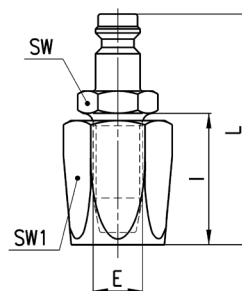
Innesto a Calzamento



DIMENSIONI						
Mod.	N	Ø	C1	I	L	Peso (g)
5650 06	6	5	3	20	35,5	8
5650 09	9	5	5	20	35,5	11
5680 06	6	7	3	20	40	14
5680 09	9	7	5	20	40	15
5680 12	12	7	7	20	40	19

Raccordi Mod. 5750 Profilo Mini e Mod. 5780 Profilo Europeo

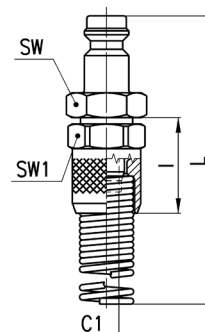
Innesto Portagomma



DIMENSIONI								
Mod.	Tubo	Ø	E	I	L	SW	SW1	Peso (g)
5750 6x14	6 X 14	5	9	25	45	14	17	40
5780 6x14	6 X 14	7	9	25	50	14	17	44
5780 8x17	8 X 17	7	10	25	50	14	19	50
5780 13x23	13 X 23	7	15	37	62	19	27	123

Raccordi Mod. 5850 Profilo Mini e Mod. 5880 Profilo Europeo

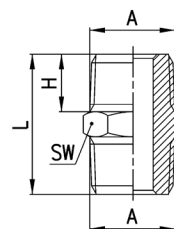
Innesto con Molla



DIMENSIONI								
Mod.	Tubo	Ø	C1	I	L	SW	SW1	Peso (g)
5850 6/4	6/4	5	3	19	111,5	12	12	27
5850 8/6	8/6	5	5	19	116	14	14	40
5880 8/6	8/6	7	5	19	120	14	14	44
5880 10/8	10/8	7	6,5	21,5	125	17	16	55

Raccordi Mod. 2500

Niplo Conico

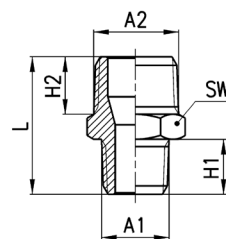


DIMENSIONI

Mod.	A	H	L	SW	Peso (g)
2500 1/8	R1/8	7,5	19,5	12	9
2500 1/4	R1/4	11	27	14	16
2500 3/8	R3/8	11,5	28	17	21
2500 1/2	R1/2	14	33,5	22	41
2500 3/4	R3/4	16,5	40	27	80
2500 1	R1	19	45,5	34	125

Raccordi Mod. 2510

Niplo Ridotto Conico

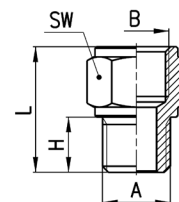


DIMENSIONI

Mod.	A1	A2	H1	H2	L	SW	Peso (g)
2510 1/8-1/4	R1/8	R1/4	7,5	11	23,5	14	14
2510 1/8-3/8	R1/8	R3/8	7,5	11,5	24	17	18
2510 1/4-3/8	R1/4	R3/8	11	11,5	27,5	17	20
2510 1/4-1/2	R1/4	R1/2	11	14	30,5	22	34
2510 3/8-1/2	R3/8	R1/2	11,5	14	31	22	34
2510 1/2-3/4	R1/2	R3/4	14	16,5	37,5	27	67

Raccordi Mod. 2521

Prolunga Riduzione Metrica-Cilindrica

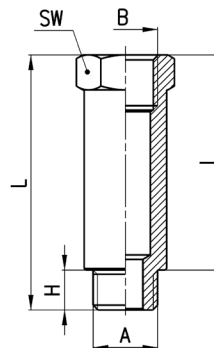


DIMENSIONI

Mod.	A	B	H	L	SW	Peso (g)
2521 M5-1/8	M5	G1/8	4	14	13	7
2521 1/8-1/8	G1/8	G1/8	6	16	13	8
2521 1/8-1/4	G1/8	G1/4	6	17,5	17	14
2521 1/8-3/8	G1/8	G3/8	6	18,5	20	30
2521 1/4-1/4	G1/4	G1/4	8	19,5	17	16
2521 1/4-3/8	G1/4	G3/8	8	20,5	20	20
2521 1/4-1/2	G1/4	G1/2	8	24,5	24	33
2521 3/8-3/8	G3/8	G3/8	9	21,5	20	22
2521 3/8-1/2	G3/8	G1/2	9	25,5	24	35
2521 1/2-1/2	G1/2	G1/2	10	26,5	24	36

Raccordi Mod. 2525

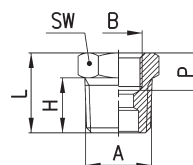
Prolunga Maschio Cilindrica



DIMENSIONI							
Mod.	A	B	H	I	L	SW	Peso (g)
2525 1/8-16	G1/8	G1/8	6	16	22	13	12
2525 1/8-36	G1/8	G1/8	6	36	42	13	24
2525 1/4-27	G1/4	G1/4	8	27	35	17	30
2525 1/4-43	G1/4	G1/4	8	43	51	17	45

Raccordi Mod. 2530

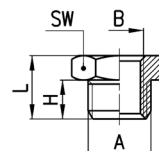
Riduzione Conica



DIMENSIONI							
Mod.	A	B	H	L	P	SW	Peso (g)
2530 1/4-1/8	R1/4	G1/8	11	16	6	14	9
2530 3/8-1/8	R3/8	G1/8	11,5	16,5	8,5	17	17
2530 1/2-1/8	R1/2	G1/8	14	19,5	9,5	22	12
2530 3/8-1/4	R3/8	G1/4	11,5	16,5	7	17	34
2530 1/2-1/4	R1/2	G1/4	14	19,5	9,5	22	30
2530 1/2-3/8	R1/2	G3/8	14	19,5	8	22	24
2530 3/4-3/8	R3/4	G3/8	16,5	23	11,5	27	67
2530 3/4-1/2	R3/4	G1/2	16,5	23,5	9,5	27	48
2530 1-1/2	R1	G1/2	19	27	14	34	131

Raccordi Mod. 2531

Riduzione Cilindrica

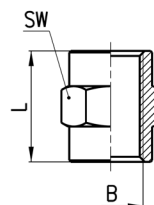


DIMENSIONI							
Mod.	A	B	H	L	SW	Peso (g)	
2531 1/8-M5	G1/8	M5	6	10,5	13	8	*
2531 1/4-1/8	G1/4	G1/8	8	13	17	11	*
2531 3/8-1/8	G3/8	G1/8	9	14	19	17	
2531 3/8-1/4	G3/8	G1/4	9	14	19	12	*
2531 1/2-1/8	G1/2	G1/8	10	15,5	24	32	
2531 1/2-1/4	G1/2	G1/4	10	15,5	24	29	
2531 1/2-3/8	G1/2	G3/8	10	15,5	24	22	*

* = con filetto passante

Raccordi Mod. 2543

Manicotto

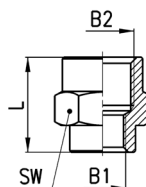


DIMENSIONI

Mod.	B	L	SW	Peso (g)
2543 M5	M5	11	8	3
2543 1/8	G1/8	15	13	8
2543 1/4	G1/4	22	17	19
2543 3/8	G3/8	23	20	19
2543 1/2	G1/2	28	24	29

Raccordi Mod. 2553

Manicotto Riduzione

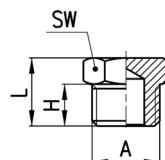


DIMENSIONI

Mod.	B1	B2	L	SW	Peso (g)
2553 M5-1/8	M5	G1/8	13,5	13	7
2553 1/8-1/4	G1/8	G1/4	17	17	18
2553 1/8-3/8	G1/8	G3/8	18	20	18
2553 1/8-1/2	G1/8	G1/2	21,5	24	28
2553 1/4-3/8	G1/4	G3/8	19,5	20	21
2553 1/4-1/2	G1/4	G1/2	23	24	32
2553 3/8-1/2	G3/8	G1/2	24	24	31

Raccordi Mod. 2611

Tappo Maschio Cilindrico

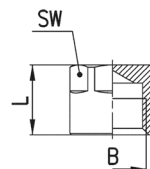


DIMENSIONI

Mod.	A	H	L	SW	Peso (g)
2611 M5	M5	4	7,5	8	2
2611 1/8	G1/8	6	10,5	13	7
2611 1/4	G1/4	8	13	17	13
2611 3/8	G3/8	9	14	19	18
2611 1/2	G1/2	10	15,5	24	31
2611 1	G1	13	19	38	76

Raccordi Mod. 2613

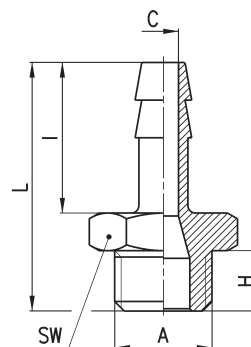
Tappo Femmina Cilindrico



DIMENSIONI				
Mod.	B	L	SW	Peso (g)
2613 1/8	G1/8	11	12	6
2613 1/4	G1/4	13,5	15	13
2613 3/8	G3/8	15,5	18	19
2613 1/2	G1/2	22,5	19	33

Raccordi Mod. 2601

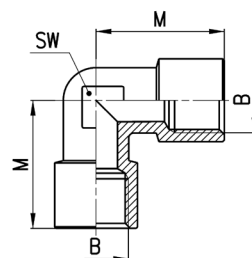
Portagomma Maschio
Metrico-Cilindrico



DIMENSIONI								
Mod.	N	A	C	H	I	L	SW	Peso (g)
2601 2-M5	2	M5	1,2	4	8	16	8	2
2601 4,5-M5	4	M5	2,5	4	15	23	8	3
2601 7-1/8	7	G1/8	4	6	20	30	12	9
2601 7-1/4	7	G1/4	4	8	20	33	17	16
2601 8-1/8	8	G1/8	5	6	20	30	12	10
2601 9-1/8	9	G1/8	5,5	6	20	30	12	11
2601 9-1/4	9	G1/4	6	8	20	33	17	17
2601 9-3/8	9	G3/8	6	9	20	34	19	21
2601 12-1/4	12	G1/4	8,5	8	20	33	17	20
2601 12-3/8	12	G3/8	9	9	20	34	19	23
2601 12-1/2	12	G1/2	9	10	20	35,5	24	34
2601 17-3/8	17	G3/8	12	9	24	38	19	31
2601 17-1/2	17	G1/2	13	10	24	39,5	24	41

Raccordi Mod. 2013

Gomito Femmina Cilindrico



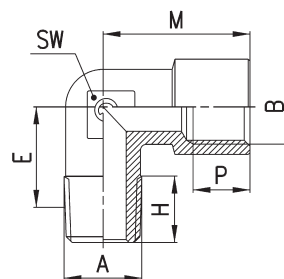
DIMENSIONI

Mod.	B	M	SW	Peso (g)
2013 1/8	G1/8	19	11	16
2013 1/4	G1/4	23	14	28
2013 3/8	G3/8	25	16	39
2013 1/2	G1/2	31,5	20	69

Raccordi Mod. 2021 e Mod. 2020

Mod. 2021: Gomito Maschio Femmina Metrico

Mod. 2020: Gomito Maschio Femmina Conico

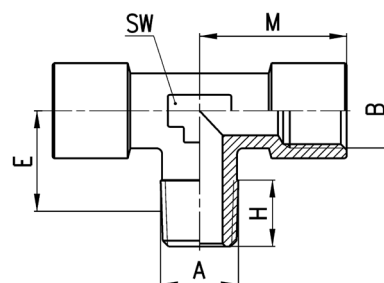


DIMENSIONI

Mod.	A	B	E	H	M	P	SW	Peso (g)
2021 M5-M5	M5	M5	9	4	10,5	4,5	9	7
2020 1/8-1/8	R1/8	G1/8	11,5	8,5	19	6	11	17
2020 1/4-1/4	R1/4	G1/4	15	11	23	7	13	27
2020 3/8-3/8	R3/8	G3/8	15	11,5	25	8	15	33
2020 1/2-1/2	R1/2	G1/2	17,5	14	31,5	9,5	20	63
2020 3/4-3/4	R3/4	G3/4	19	16	36,5	16,5	25	126
2020 1-1	R1	G1	23	17	45	19	30	209

Raccordi Mod. 2060

T.F.M.F.

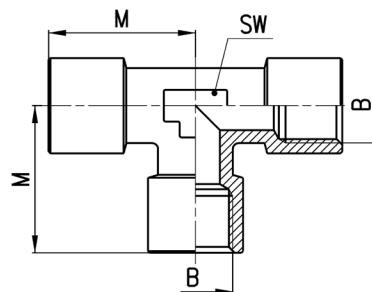


DIMENSIONI

Mod.	A	B	E	H	M	SW	Peso (g)
2060 1/8-1/8	R1/8	G1/8	11,5	8,5	19	12	22
2060 1/4-1/4	R1/4	G1/4	15	11	23	13	38
2060 3/8-3/8	R3/8	G3/8	15	11,5	25	16	49
2060 1/2-1/2	R1/2	G1/2	17,5	14	31,5	20	89

Raccordi Mod. 2003

T Femmina

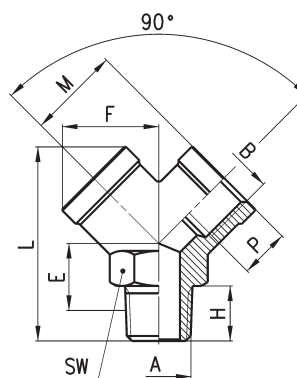


DIMENSIONI

Mod.	B	M	SW	Peso (g)
2003 1/8	G1/8	19	12	23
2003 1/4	G1/4	23	13	39
2003 3/8	G3/8	25	16	54
2003 1/2	G1/2	31,5	20	97

Raccordi Mod. 2040

Y.F.M.F.

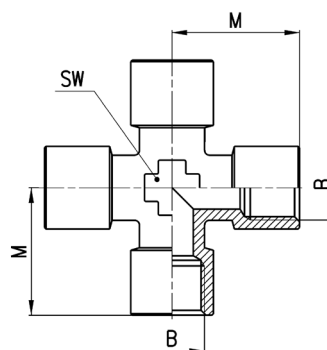


DIMENSIONI

Mod.	A	B	E	F	H	L	M	P	SW	Peso (g)
2040 1/8-1/8	R1/8	G1/8	9,5	14,5	8	32	14	8	13	22
2040 1/4-1/4	R1/4	G1/4	12	18	11	38	17,5	11	17	38
2040 3/8-3/8	R3/8	G3/8	13,5	20,5	11,5	42,5	19	11,5	20	52
2040 1/2-1/2	R1/2	G1/2	15,5	26,5	14	53	24,5	14	25	110

Raccordi Mod. 2033

Croce Femmina

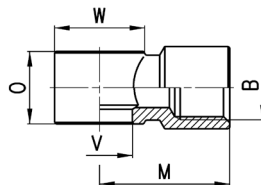


DIMENSIONI

Mod.	B	M	SW	Peso (g)
2033 1/8	G1/8	19	12	27
2033 1/4	G1/4	23	14	51
2033 3/8	G3/8	25	16	70

Raccordi Mod. 2023 assemblabili con Mod. 1631, 1635

Anello Singolo Filettato



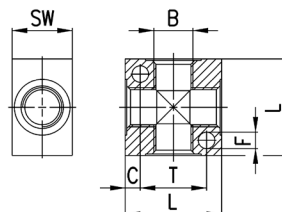
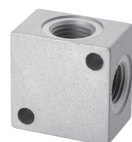
DIMENSIONI						
Mod.	B	M	O	V	W	Peso (g)
2023 M5-M5	M5	10,5	9	5,1	□ 9	6
2023 M5-M6	M5	10,5	9	5,1	□ 9	6 •
2023 1/8-1/8	G1/8	20	14,5	9,8	Ø 14	14
2023 1/4-1/4	G1/4	23,5	14,5	13,2	Ø 18	21 *
2023 3/8-3/8	G3/8	26,5	14,5	16,7	Ø 21	27 *

* = assemblabili con Mod. 1635

Accessori Mod. 3033

Blocchetto 4 Vie con fori di fissaggio

Materiale: Alluminio anodizzato

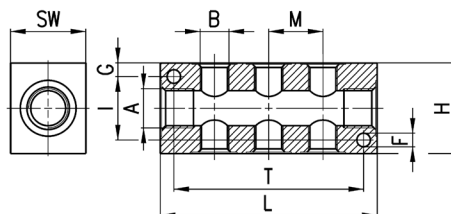


DIMENSIONI							
Mod.	B	C	F	L	T	SW	Peso (g)
3033 1/8	G1/8	4	4,5	25	17	16	18
3033 1/4	G1/4	5	5,5	32	22	20	35
3033 3/8	G3/8	7	5,5	40	26	25	73
3033 1/2	G1/2	8	5,5	50	34	30	137

Accessori Mod. 3043

Collettore con Uscite Contrapposte

Materiale: Alluminio anodizzato



DIMENSIONI												
Mod.	A	USCITE LATERALI DOPPIE	B	F	G	H	I	L	M	T	SW	Peso (g)
3043 1/4-3D-1/8	1/4	3	1/8	4,5	4,5	30	21	72	18	63	20	85
3043 1/4-4D-1/8	1/4	4	1/8	4,5	4,5	30	21	90	18	81	20	107
3043 1/4-5D-1/8	1/4	5	1/8	4,5	4,5	30	21	108	18	99	20	128
3043 1/4-6D-1/8	1/4	6	1/8	4,5	4,5	30	21	126	18	117	20	151
3043 3/8-3D-1/4	3/8	3	1/4	5,5	6	40	28	92	24	75	25	177
3043 3/8-4D-1/4	3/8	4	1/4	5,5	6	40	28	116	24	99	25	224
3043 3/8-5D-1/4	3/8	5	1/4	5,5	6	40	28	140	24	123	25	270
3043 3/8-6D-1/4	3/8	6	1/4	5,5	6	40	28	164	24	147	25	315
3043 1/2-3D-3/8	1/2	3	3/8	5,5	6,5	50	37	104	26	85	30	287
3043 1/2-4D-3/8	1/2	4	3/8	5,5	6,5	50	37	130	26	111	30	356
3043 1/2-5D-3/8	1/2	5	3/8	5,5	6,5	50	37	156	26	137	30	427
3043 1/2-6D-3/8	1/2	6	3/8	5,5	6,5	50	37	182	26	163	30	495