

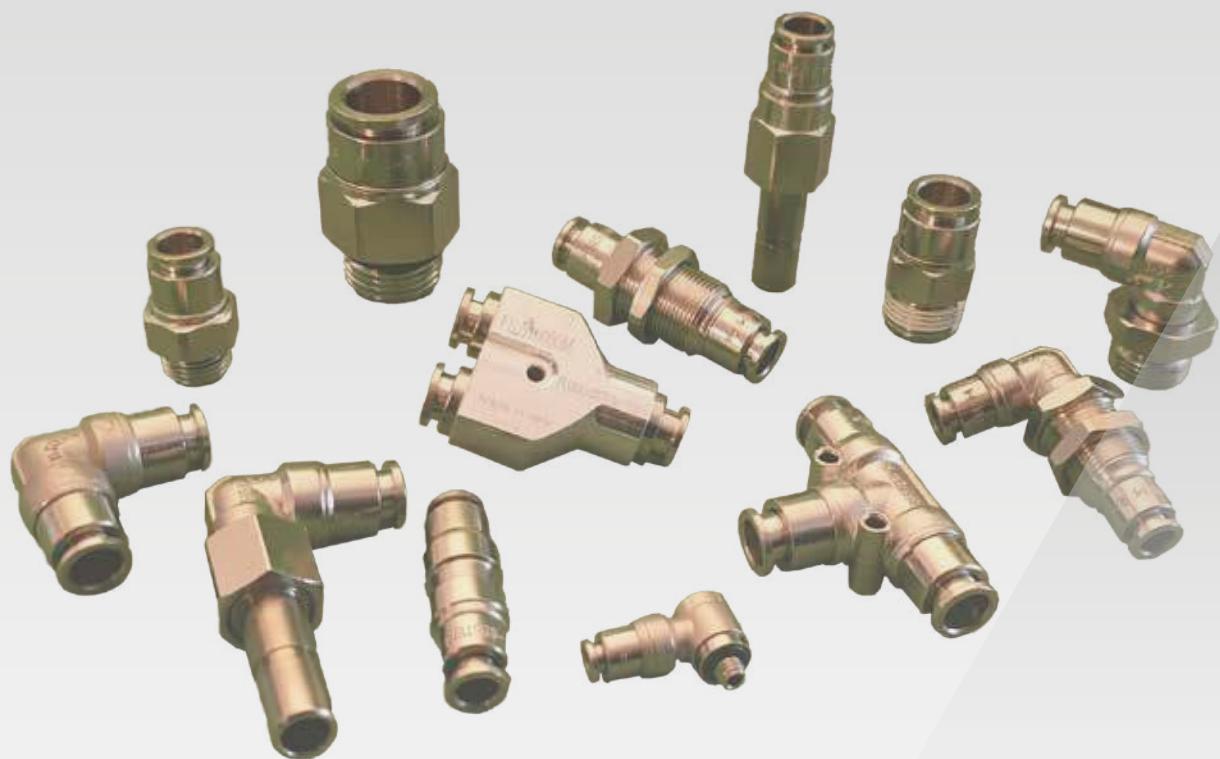
PUSH-IN FITTINGS

RACCORDI AD INNESTO RAPIDO

4

SERIE METALLO

METAL SERIES



PASSAGGIO FLUIDI FLUIDS PASSAGE



ITALIANO La raccorderia ad innesto rapido è stata progettata per un impiego in impianti industriali funzionanti con aria compressa a bassa pressione (vedi le schede tecniche delle varie linee) come fluido di movimentazione. Come dimostrato dalle prove eseguite dall'ISTITUTO DI MACCHINE dell'Università degli Studi di Bologna, le caratteristiche costruttive sono tali da fornire prestazioni anche superiori a quelle dichiarate, ma in ogni caso ogni utilizzo al di fuori del campo e delle prestazioni indicate nelle schede tecniche è da considerarsi sotto la piena responsabilità dell'utilizzatore.

All'interno di tutti gli articoli ad INNESTO RAPIDO, la tenuta sul tubo avviene tramite una guarnizione esterna ad esso, la quale garantisce comunque il pieno passaggio della portata del tubo all'interno del raccordo. La conformazione interna dei raccordi ed il sistema di tenuta realizzato, consentono l'utilizzo di questi componenti anche in impianti con applicazione del VUOTO INDUSTRIALE (-75kPa).

ENGLISH Push-in fittings were designed for use in industrial equipments functioning with low pressure compressed air as movement fluid (see the technical specifications of the various lines). As demonstrated from the tests made by the MACHINES INSTITUTE of the University of Bologna, the construction features provide performances even higher than those reported, but in any case each use out of the field and the performance requirements specified on the technical sheets is to be considered under full responsibility of the user.

Inside of the PUSH-IN articles, the seal on the tube is made through a gasket out of the tube, which grants in any case the full passage of the extent of the tube inside the fittings. The internal structure of the fittings and the implemented sealing system allow the use of these components even in plants with application of the INDUSTRIAL VACUUM (-75kPa).

UTILIZZO UTILIZATION



ITALIANO L'impiego della raccorderia è indicato per un veloce realizzo di impianti a circuito pneumatico, tramite l'utilizzo di tubi in materiale plastico. Questi prodotti devono essere utilizzati nelle condizioni indicate nelle schede tecniche dei vari prodotti, relativamente alla pressione ed alla temperatura. I dati tecnici sono riferiti ad una temperatura ambiente di +25°C, possono quindi cambiare al variare della temperatura di utilizzo. Questa raccorderia non deve essere impiegata in applicazioni ove la sua criticità sia pregiudizievole per l'incolumità delle persone o delle cose, e comunque dove vi sia bisogno di un componente con caratteristiche di sicurezza generale. Prima di utilizzare questi prodotti con fluidi differenti da quello indicato (aria compressa per uso industriale), per applicazioni non industriali, in sistemi medico sanitari o altre applicazioni non specificatamente indicate nella documentazione, consultare il nostro ufficio tecnico. In seguito all'utilizzo errato, all'invecchiamento o al malfunzionamento, i componenti utilizzati in impianti pneumatici possono danneggiarsi. E' pertanto importante che i progettisti degli impianti prendano in considerazione tutte le possibilità di rottura dei componenti utilizzati nell'impianto pneumatico e prevedano dispositivi di sicurezza per evitare lesioni all'operatore o danneggiamenti all'impianto.

ENGLISH The use of fittings is suitable for fast construction of air circuit plants, through the use of plastic pipes. These products must be used in the conditions shown in the technical specifications of the various products about pressure and temperature. The technical details are based on an ambient temperature of +25°C, therefore they can change to the changes of the working temperature. These fittings should not be used in applications where their critical features are prejudicial for the safety of people or property and in any case where a component with general safety features is required. Before using these products with fluids different from the specified one (compressed air for industrial use), for not industrial applications, in health and medical systems or in other applications not properly shown in our documentation, we recommend to contact our technical department. Further to wrong use, aging or malfunction, the components used in fluid power systems can be damaged. Therefore it is important that the designers of the fluid power systems take into consideration and provide adequate safety device to avoid personnel injury or damages to the system.

RACCORDI AD INNESTO RAPIDO - SERIE METALLO

PUSH-IN FITTINGS - METAL SERIES

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MONTAGGIO ASSEMBLING



ITALIANO Per eseguire il montaggio degli articoli filettati è possibile utilizzare, a seconda delle versioni, chiavi esagonali esterne ed interne. La soluzione della cava esagonale, permette il montaggio del componente in spazi ridotti o dove vi sia difficoltà nel movimento. Inoltre, i corpi diritti, sono stati studiati affinché la chiave a brugola non oltrepassi il fondo del raccordo, evitando così la possibilità di arrecare danno al componente sottostante. Sono da escludersi rari casi in cui problematiche di costruzione non ne hanno consentito il realizzo. In caso in cui il montaggio venga eseguito mediante l'avvitatore, fare attenzione non danneggiare l'elemento d'aggraffaggio interno per non compromettere la funzionalità di aggancio del tubo. Per maggiore sicurezza, durante l'avvitamento su chiave esterna, è consigliato seguire la tabella relativa alle forze massime di serraggio indicate di seguito.

ENGLISH It is possible to use external and internal hexagonal keys to assemble the threaded fittings, depending on the versions. The solution of the hexagonal hole allow the assembling of the component in small spaces or where it is difficult to move. Moreover the straight fittings are studied so that the socket head screw cannot go further the bottom of the fitting, in this way it is not possible to damage the underneath component. Only in some very rare cases there have been problems in the realization of this feature. If the assembling is made with the screwer, pay attention not to damage the folding element inside, so that the coupling functionality of the tube is not compromised. During the screwing on the external key, it is advised to follow the table of the maximum clamping force shown here below, for higher security.

TABELLA COPPIE DI
SERRAGGIO [Nm]
CLAMPING FORCE
TABLE [Nm]



	M5	M7	1/8	1/4	3/8	1/2
FILETTO CONICO CON TEFLON - UNI-ISO 7/1 TAPERED THREAD WITH PTFE	-	-	8±1	10±1	12±1	14±1
FILETTO CILINDRICO CON O-RING - UNI-ISO 228/1 PARALLEL THREAD WITH O-RING	-	-	5±1	7±1	8±1	10±1
FILETTO CILINDRICO CON O-RING "tipo EASY"- UNI-ISO 228/1 "EASY-series" PARALLEL THREAD	-	-	5±1	7±1	8±1	10±1
FILETTO METRICO CON O-RING - UNI 5542-65 METRIC THREAD WITH O-RING	1,5±0,5	2±1	-	-	-	-

CARATTERISTICHE TECNICHE PRINCIPALI - MAIN TECHNICAL FEATURES

MATERIALI DI COSTRUZIONE:

OTTONE (EN 12164 - CW614N) NICHELATO - ZAMA-15
(UNI EN 1774:99) NICHELATA - NBR

PRESSIONE MAX D'ESERCIZIO:

16 BAR (1,6 MPa)

TEMPERATURA DI LAVORO:

-10°C (263°K), +80°C (353°K)

CONSTRUCTION MATERIALS:

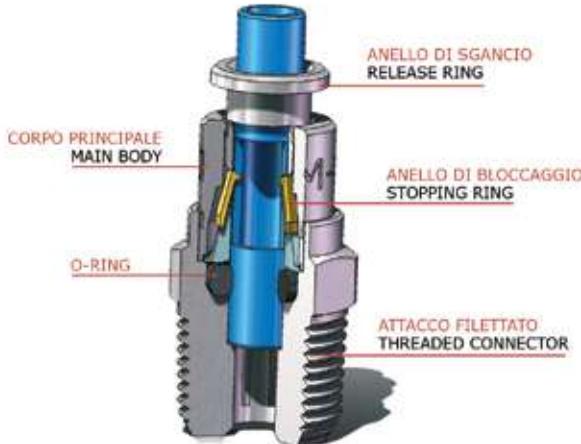
NICKEL-PLATED BRASS (EN 12164 - CW614N) -
NICKEL-PLATED ZAMA-15 (UNI EN 1774:99) - NBR

MAX WORKING PRESSURE:

16 BAR (1,6 MPa)

WORKING TEMPERATURE:

-10°C (263°K), +80°C (353°K)



TIPI DI TUBO INNESTABILI - SUITABLE FOR

RILSAN (PA11/12), POLIURETANO, POLIETILENE, POLIESTERE, TEFON, NYLON (PA6): ±0,05 (Ø4÷Ø10) - ±0,1 (Ø12÷Ø14).

RILSAN (PA11/12), POLYURETHANE, POLYETHYLENE, POLYESTER, TEFON, NYLON (PA6): ±0,05 (Ø4÷Ø10) - ±0,1 (Ø12÷Ø14).

TUBI IN POLLICI - HOSES INCHES

A RICHIESTA, POSSIBILITA' DI FORNIRE ARTICOLI SERIE METALLO ANCHE PER TUBO 1/4"

METAL SERIES FITTINGS FOR 1/4" TUBE AVAILABLE ON REQUEST

O-RING / GUARNIZIONI - O-RING/RUBBER-GASKET

GUARNIZIONI IN GOMMA ANTIOLIO NBR, ESENTI DA SILICONE
OIL-PROOF RUBBER PACKINGS NBR, SILICON FREE

O-RING / GUARNIZIONI SPECIALI A RICHIESTA

SPECIAL O-RINGS/RUBBER-GASKET ON REQUEST

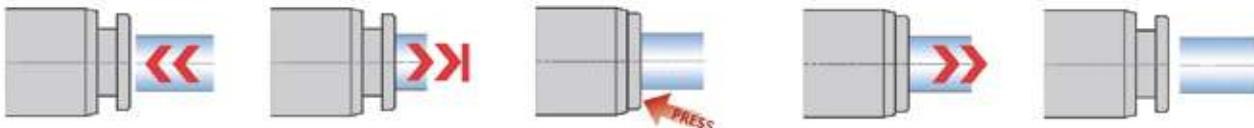
TIPOLOGIE DI ATTACCO FILETTATO - THREADED CONNECTOR TYPE



FILETTI SPECIALI - SPECIAL THREADS

A RICHIESTA, POSSIBILITA' DI ESEGUIRE FILETTATURE SPECIALI
SPECIAL THREADS AVAILABLE UPON REQUEST

SISTEMA DI AGGANCIO DEL TUBO - SYSTEM OF COUPLING OF THE TUBE



AZIONANDO TOTALMENTE L'ANELLO DI SGANCIO, SI COMANDA L'APERTURA DELL'ANELLO DI BLOCCAGGIO OLTRE IL DIAMETRO DEL TUBO, GARANTENDO L'ESTRAZIONE SENZA DANNO.

BY PUSHING THE RELEASE RING, THE INNER STOP RING EXPANDS TO A DIAMETER GREATER THAN THE HOSE OUT SIDE DIAMETER ALLOWING EXTRACTION WITHOUT DAMAGE.

CODIFICA ARTICOLI SERIE METALLO - METAL LINE FITTINGS CODING

SERIE ARTICOLO
SERIES

FILETTO
THREAD

10 1 04 0

TIPO DI FILETTO - THREAD TYPE

VERSIONI SPECIALI - SPECIAL VERSION

TUBO - TUBE

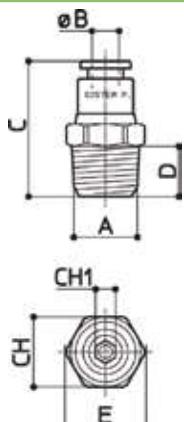


RACCORDI AD INNESTO RAPIDO - SERIE METALLO

PUSH-IN FITTINGS - METAL SERIES

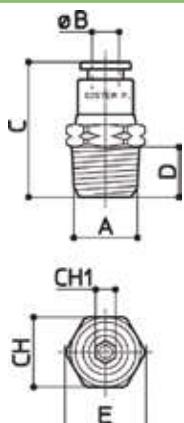
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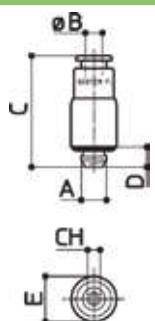
FISSO DIRITTO CONICO FIXED TAPERED STRAIGHT								
CODICE	A	B	C	D	E	CH	CH1	GR
108040T	R1/8	4	22	8	11.2	10	3	8
104040T	R1/4	4	25	10	15.5	14	3	17
108050T	R1/8	5	22	8	11.2	10	4	8
104050T	R1/4	5	25	10	15.5	14	4	17
108060T	R1/8	6	22	8	13.4	12	4	12
104060T	R1/4	6	27	10	15.5	14	4	18
108080T	R1/8	8	29	8	15.5	14	6	16
104080T	R1/4	8	28	10	15.5	14	6	17
103080T	R3/8	8	30	11	19	17	6	29
104100T	R1/4	10	34	10	19	17	8	28
103100T	R3/8	10	33	11	19	17	8	31
102100T	R1/2	10	36	14	24.5	22	8	59
104120T	R1/4	12	37	10	23.5	21	8	43
103120T	R3/8	12	36	11	23.5	21	10	42
102120T	R1/2	12	36	14	24.5	22	10	54
103140T	R3/8	14	41	11	28	25	10	74
102140T	R1/2	14	41	14	28	25	12	76

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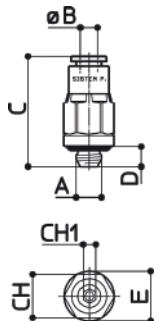
FISSO DIRITTO NPT FIXED STRAIGHT NPT								
CODICE	A	B	C	D	E	CH	CH1	GR
10K040	N1/8	4	22	8	11.2	10	3	8
10X040	N1/4	4	25	10	15.5	14	3	17
10K060	N1/8	6	22	8	13.4	12	4	13
10X060	N1/4	6	27	10	15.5	14	4	19
10K080	N1/8	8	29	8	15.5	14	6	16
10X080	N1/4	8	28	10	15.5	14	6	18
10X100	N1/4	10	34	10	19	17	8	29
10Y100	N3/8	10	33	11	19	17	8	32
10X120	N1/4	12	37	10	23.5	21	8	44
10Y120	N3/8	12	36	11	23.5	21	10	42
10Z120	N1/2	12	36	14	24.5	22	10	54

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FISSO DIRITTO RIDOTTO METRICO+OR FIXED METRIC+OR REDUCED STRAIGHT							
CODICE	A	B	C	D	E	CH	GR
105408	M5	4	22	4	9	2,5	5
106408	M6x0.75	4	23	5	9	2,5	6
106148	M6x1	4	23	5	9	2,5	6
105508	M5	5	23	4	10	2,5	6

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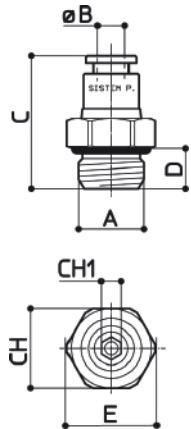


FISSO DIRITTO METRICO+OR FIXED METRIC STRAIGHT+OR								
CODICE	A	B	C	D	E	CH	CH1	GR
105048	M5	4	22	4	10	9	2,5	6
106048	M6x0.75	4	23	5	10	9	2,5	6
10061048	M6x1	4	23	5	10	9	2,5	6
108140	M8x1	4	22	6	10,4	9	3	6
105058	M5	5	22	4	11	10	2,5	7
105068	M5	6	26	4	13	12	2,5	13
106168	M6x1	6	26	5	13	12	2,5	14
10081268	M8x1.25	6	27,5	6	13	12	4	12
101168	M10x1	6	24,5	6	14,3	13	4	12
102168	M12x1	6	26	8	17,5	16	4	19
10121268	M12x1.25	6	26	8	17,5	16	4	19
101268	M12x1.5	6	26	8	17,5	16	4	18
10081288	M8x1.25	8	29,5	6	15,5	14	4	17
101188	M10x1	8	29,5	6	15,5	14	5	18
10121088	M12x1	8	29	8	17,5	16	6	17
10121288	M12x1.25	8	29	8	17,5	16	6	20
101288	M12x1.5	8	29	8	17,5	16	6	19

COD.108140 - FILETTO METRICO SENZA O-RING

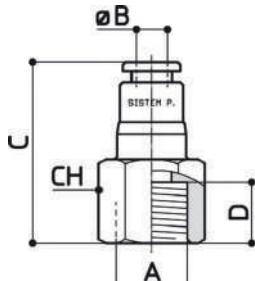
COD.108140 - METRIC THREAD WITHOUT O-RING

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FISSO DIRITTO CILINDRICO+OR FIXED CYLINDRICAL STRAIGHT+OR								
CODICE	A	B	C	D	E	CH	CH1	GR
108048	G1/8	4	20	6	14,3	13	3	8
104048	G1/4	4	23	8	17,5	16	3	17
108058	G1/8	5	22,5	6	14,3	13	4	11
104058	G1/4	5	23,5	8	17,5	16	4	16
108068	G1/8	6	24,5	6	14,3	13	4	12
104068	G1/4	6	26	8	17,5	16	4	20
108088	G1/8	8	29,5	6	15,5	14	5	18
104088	G1/4	8	29	8	17,5	16	6	21
103088	G3/8	8	32	10	22	20	6	36
102088	G1/2	8	34	12	26	24	6	60
108108	G1/8	10	33	8	19	17	5	27
104108	G1/4	10	34	8	19	17	8	28
103108	G3/8	10	32	10	22	20	8	36
102108	G1/2	10	36	12	26,8	24	8	63
104128	G1/4	12	36	8	23,5	21	8	47
103128	G3/8	12	37	10	23,5	21	10	46
102128	G1/2	12	37	12	26,8	24	10	61
103148	G3/8	14	42	10	28	25	10	78
102148	G1/2	14	44	12	28	25	12	85
10G2168	G1/2	16	45	12	30	27	14	91
107168	G3/4	16	45	12	34	30	14	95

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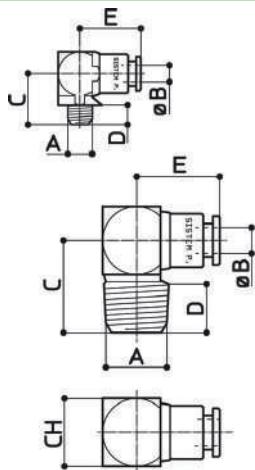
DIRITTO FEMMINA STRAIGHT FEMALE						
CODICE	A	B	C	D	CH	GR
235040	M5	4	24	6	9	8
238040	G1/8	4	27	8	12	11
234040	G1/4	4	30	10	16	20
238050	G1/8	5	27	8	12	12
238060	G1/8	6	31	8	13	19
234060	G1/4	6	32	10	16	24
238080	G1/8	8	33	8	15	26
234080	G1/4	8	34	10	16	26
234100	G1/4	10	36	10	17	34
233100	G3/8	10	36	11	20	41
234120	G1/4	12	39	10	21	66
233120	G3/8	12	39	11	21	57

RACCORDI AD INNESTO RAPIDO - SERIE METALLO

PUSH-IN FITTINGS - METAL SERIES

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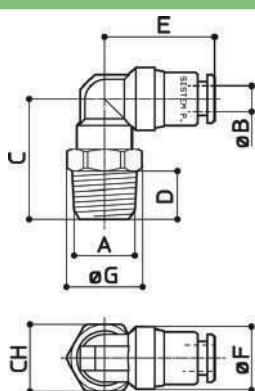
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FISSO-L CONICO
FIXED TAPERED ELBOW

CODICE	A	B	C	D	E	CH	GR
215040	M5	4	11.5	5	12.5	9	7
216040	M6x0.75	4	9.5	5	12.5	9	6
216140	M6x1	4	9.5	5	12.5	9	6
218040T	R1/8	4	15	8	13	10	11
214040T	R1/4	4	17	10	15	14	22
218050T	R1/8	5	15	8	13	10	11
214050T	R1/4	5	18.5	10	15	14	22
218060T	R1/8	6	19.5	8	16.5	12	20
214060T	R1/4	6	19	10	17	14	26
218080T	R1/8	8	19	8	19	14	26
214080T	R1/4	8	20	10	18.5	14	28
214100T	R1/4	10	21.5	10	20.5	17	43
213100T	R3/8	10	23	11	20.5	17	51
213120T	R3/8	12	30.5	11	38.5	22	96
212120T	R1/2	12	30.5	14	38.5	22	128
213140T	R3/8	14	30.5	11	42.5	22	117
212140T	R1/2	14	30.5	14	42.5	22	152

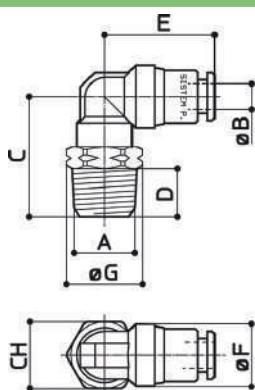
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GIREVOLE-L CONICO
SWIVEL TAPERED ELBOW

CODICE	A	B	C	D	E	F	G	CH	GR
208040T	R1/8	4	21.5	8	20	10	12.2	11	14
204040T	R1/4	4	23	10	20	10	15.5	14	20
208050T	R1/8	5	22	8	20.5	11	12.2	11	16
204050T	R1/4	5	24	10	20.5	11	15.5	14	21
208060T	R1/8	6	23	8	23	13	13.4	12	22
204060T	R1/4	6	25	10	23	13	15.5	14	26
208080T	R1/8	8	24	8	25	15	15.5	14	28
204080T	R1/4	8	26	10	25	15	15.5	14	31
203080T	R3/8	8	26	11	25	15	19	17	38
204100T	R1/4	10	30	10	28.5	17.5	21.2	19	51
203100T	R3/8	10	31	11	28.5	17.5	21.2	19	54
202100T	R1/2	10	34	14	28.5	17.5	24.5	22	63
204120T	R1/4	12	30	10	32	21.5	24.5	22	74
203120T	R3/8	12	33	11	32	21.5	24.5	22	76
202120T	R1/2	12	35	14	32	21.5	24.5	22	83
203140T	R3/8	14	35	11	36.5	25.5	29	26	120
202140T	R1/2	14	38	14	36.5	25.5	29	26	137

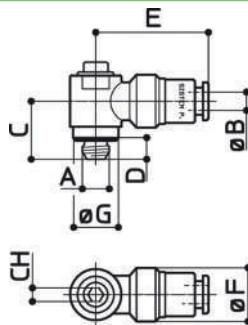
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GIREVOLE-L NPT
SWIVEL ELBOW NPT

CODICE	A	B	C	D	E	F	G	CH	GR
20K040	N1/8	4	21.5	8	20	10	12.2	11	14
20X040	N1/4	4	23	10	20	10	15.5	14	22
20K060	N1/8	6	23	8	23	13	13.4	12	21
20X060	N1/4	6	25	10	23	13	15.5	14	27
20K080	N1/8	8	24	8	25	15	15.5	14	28
20X080	N1/4	8	26	10	25	15	15.5	14	33
20X100	N1/4	10	30	10	28.5	17.5	21.2	19	51
20Y100	N3/8	10	31	11	28.5	17.5	21.2	19	55
20X120	N1/4	12	30	10	32	21.5	24.5	22	74
20Y120	N3/8	12	33	11	32	21.5	24.5	22	77
20Z120	N1/2	12	35	14	32	21.5	24.5	22	80

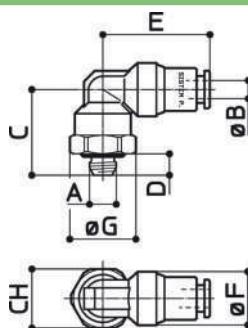
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GIREVOLE-L RIDOTTO METRICO+OR
SWIVEL METRIC+OR REDUCED ELBOW

CODICE	A	B	C	D	E	F	G	CH	GR
205408	M5	4	11.5	4	21	9.8	9	2,5	9
206408	M6x0.75	4	12.5	5	21	9.8	9	2,5	9
206148	M6x1	4	12.5	5	21	9.8	9	2,5	9
208148	M8x1	4	13	6	21	9.8	12	2,5	11
205508	M5	5	11.5	4	21	9.8	9	2,5	13
206508	M6x0.75	5	12.5	5	21	9.8	9	2,5	13
206158	M6x1	5	12.5	5	21	9.8	9	2,5	13
208158	M8x1	5	13	6	21	9.8	12	2,5	15
205608	M5	6	12.5	4	24	13	11	4	18
206168	M6x1	6	13.5	5	24	13	11	4	19

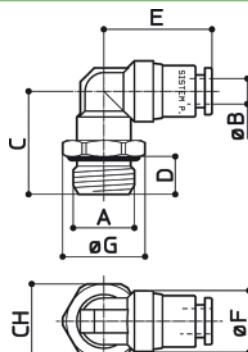
20



GIREVOLE-L METRICO+OR
SWIVEL METRIC+OR ELBOW

CODICE	A	B	C	D	E	F	G	CH	GR
205048	M5	4	16	4	20	10	12.2	11	11
205058	M5	5	19	4	20.5	11	12.2	11	13
205068	M5	6	18	4	23	13	13	12	19
201168	M10x1	6	20.5	6	23	13	14.3	13	21
202168	M12x1	6	22	8	23	13	17.5	16	25
201268	M12x1.25	6	22	8	23	13	17.5	16	24
20121568	M12x1.5	6	22	8	23	13	17.5	16	25
201188	M10x1	8	21.5	6	25	15	15.5	14	26
20121088	M12x1	8	23	8	25	15	17.5	16	29
20121288	M12x1.25	8	23	8	25	15	17.5	16	30
201288	M12x1.5	8	23	8	25	15	17.5	16	30

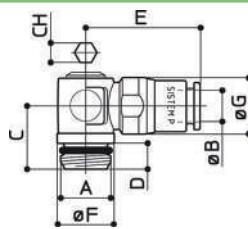
20



GIREVOLE-L CILINDRICO+OR
SWIVEL CYLINDRICAL+OR ELBOW

CODICE	A	B	C	D	E	F	G	CH	GR
208048	G1/8	4	19	6	20	10	14.3	13	13
204048	G1/4	4	21.5	8	20	10	17.5	16	19
208058	G1/8	5	21	6	20	11	14.3	13	16
204058	G1/4	5	23	8	20	11	17.5	16	21
208068	G1/8	6	20.5	6	23	13	14.3	13	21
204068	G1/4	6	22	8	23	13	17.5	16	26
208088	G1/8	8	21.5	6	25	15	15.5	14	26
204088	G1/4	8	23	8	25	15	17.5	16	31
203088	G3/8	8	26.5	10	25	15	22	20	43
202088	G1/2	8	28.5	12	25	15	26	24	56
208108	G1/8	10	28.5	6	25	15	20.7	19	47
204108	G1/4	10	29	8	28.5	17.5	20.7	19	48
203108	G3/8	10	30.5	10	28.5	17.5	22	20	55
202108	G1/2	10	33	12	28.5	17.5	26.8	24	68
204128	G1/4	12	28.5	8	32	21.5	24.5	22	70
203128	G3/8	12	31	10	32	21.5	24.5	22	75
202128	G1/2	12	34	12	32	21.5	26.8	24	87
203148	G3/8	14	34	10	36.5	25.5	29	26	123
202148	G1/2	14	36	12	36.5	25.5	29	26	126
20G2168	G1/2	16	36	12	40	27	31.5	28	131
207168	G3/4	16	38,5	12	40	27	32	30	92

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GIREVOLE-L BRUGOLA CILINDRICO+OR
SWIVEL ELBOW SOCKET HEAD SCREW+OR

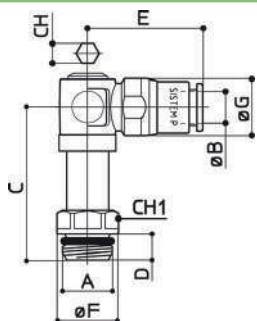
CODICE	A	B	C	D	E	F	G	CH	GR
148047	G1/8	4	13.5	5	22.5	11	11.5	4	18
144047	G1/4	4	15	6	22.5	14.3	11.5	4	21
148067	G1/8	6	13.5	5	25.5	11	13.8	4	23
144067	G1/4	6	15	6	25.5	14.3	13.8	4	25
148087	G1/8	8	13.5	5	27	11	14.5	4	24
144087	G1/4	8	15	6	27	14.3	14.5	4	26

RACCORDI AD INNESTO RAPIDO - SERIE METALLO

PUSH-IN FITTINGS - METAL SERIES

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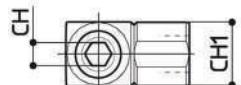
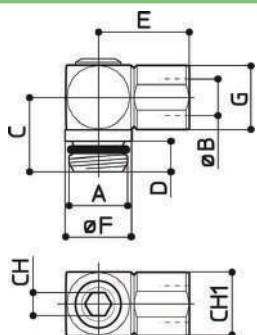
14L



**GIREVOLE-L BRUGOLA LUNGO CILINDRICO+OR
LONG SWIVEL ELBOW SOCKET HEAD SCREW+OR**

CODICE	A	B	C	D	E	F	G	CH	CH1	GR
14L8047	G1/8	4	30.5	5	22.5	11	11.5	4	10	26
14L4047	G1/4	4	32	6	22.5	14.3	11.5	4	10	28
14L8067	G1/8	6	30.5	5	25.5	11	13.8	4	10	30
14L4067	G1/4	6	32	6	25.5	14.3	13.8	4	10	32
14L8087	G1/8	8	30.5	5	27	11	14.5	4	10	31
14L4087	G1/4	8	32	6	27	14.3	14.5	4	10	33

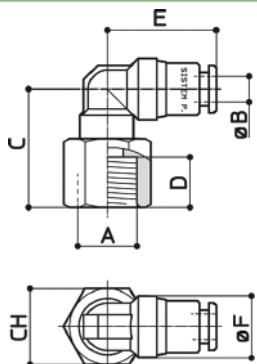
14



**GIREVOLE-L BRUGOLA FEMMINA/CILINDRICO+OR
SWIVEL ELBOW FEMALE SOCKET HEAD SCREW+OR**

CODICE	A	B	C	D	E	F	G	CH	CH1	GR
145508	M5	M5	11.5	4	13	9	10	2,5	10	12
148807	G1/8	G1/8	13.5	5	23	11	14	4	14	26
144807	G1/4	G1/8	15	6	23	14.3	14	4	14	30
148407	G1/8	G1/4	13.5	5	28	11	16	4	16	37
144407	G1/4	G1/4	15	6	28	14.3	16	4	16	38

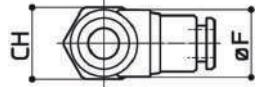
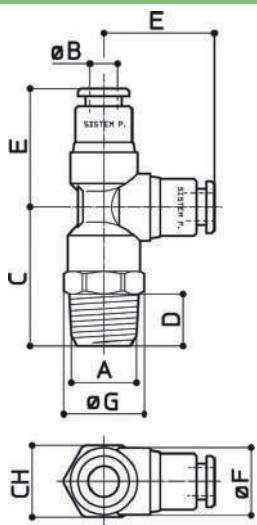
22



**GIREVOLE-L FEMMINA
SWIVEL ELBOW FEMALE**

CODICE	A	B	C	D	E	F	CH	GR
228040	G1/8	4	22	8	20	10	12	15
228050	G1/8	5	22	8	20.5	11	12	17
228060	G1/8	6	23	8	23	13	12	22
224060	G1/4	6	25	10	23	13	16	29
228080	G1/8	8	25	8	25	15	14	32
224080	G1/4	8	26	10	25	15	16	35
224100	G1/4	10	31	10	28.5	17.5	19	57
223100	G3/8	10	33	10	28.5	17.5	20	57
224120	G1/4	12	33	11	32	21.5	22	93
223120	G3/8	12	33	11	32	21.5	22	85

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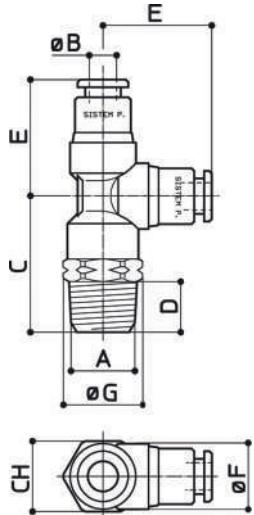
**GIREVOLE-T LATERALE CONICO
SWIVEL TAPERED LATERAL TEE**

CODICE	A	B	C	D	E	F	G	CH	GR
338040T	R1/8	4	23	8	20	10	12.2	11	18
334040T	R1/4	4	25	10	20	10	15.5	14	25
338050T	R1/8	5	22.5	8	20.5	11	12.2	11	21
334050T	R1/4	5	24.5	10	20.5	11	15.5	14	26
338060T	R1/8	6	25	8	23	13	13.4	12	33
334060T	R1/4	6	27	10	23	13	15.5	14	38
338080T	R1/8	8	26	8	25.5	15	17.9	16	45
334080T	R1/4	8	28	10	25.5	15	17.9	16	46
334100T	R1/4	10	30	10	29	17.5	21.2	19	65
333100T	R3/8	10	31	11	29	17.5	21.2	19	67
332100T	R1/2	10	34	14	29	17.5	24.5	22	93
334120T	R1/4	12	33	10	32	21.5	24.5	22	97
333120T	R3/8	12	34	11	32	21.5	24.5	22	99
332120T	R1/2	12	37	14	32	21.5	24.5	22	102
333140T	R3/8	14	37	11	36	25.5	29	26	160
332140T	R1/2	14	40	14	36	25.5	29	26	177

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GIREVOLE-T LATERALE NPT
SWIVEL LATERAL TEE NPT

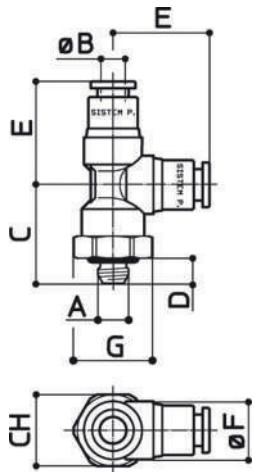
CODICE	A	B	C	D	E	F	G	CH	GR
33K040	N1/8	4	23	8	20	10	12.2	11	19
33X040	N1/4	4	25	10	20	10	15.5	14	26
33K060	N1/8	6	25	8	23	13	13.4	12	32
33X060	N1/4	6	27	10	23	13	15.5	14	39
33K080	N1/8	8	26	8	25.5	15	17.9	16	45
33X080	N1/4	8	28	10	25.5	15	17.9	16	46
33X100	N1/4	10	30	10	29	17.5	21.2	19	65
33Y100	N3/8	10	31	11	29	17.5	21.2	19	71
33X120	N1/4	12	33	10	32	21.5	24.5	22	95
33Y120	N3/8	12	34	11	32	21.5	24.5	22	100
33Z120	N1/2	12	37	14	32	21.5	24.5	22	116



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GIREVOLE-T LATERALE METRICO+OR
SWIVEL METRIC+OR STUD LATERAL TEE

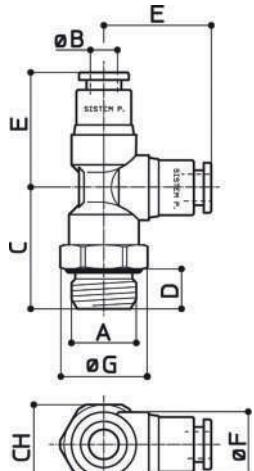
CODICE	A	B	C	D	E	F	G	CH	GR
335048	M5	4	18	4	20	10	12.2	11	15
335058	M5	5	19	4	20.5	11	12.2	11	17



33

GIREVOLE-T LATERALE CILINDRICO+OR
SWIVEL CYLINDRICAL+OR STUD LATERAL TEE

CODICE	A	B	C	D	E	F	G	CH	GR
338048	G1/8	4	20	6	20	10	14.3	13	18
334048	G1/4	4	23.5	8	20	10	17.5	16	24
338058	G1/8	5	21	6	20.5	11	14.3	13	22
334058	G1/4	5	23	8	20.5	11	17.5	16	28
338068	G1/8	6	22	6	23	13	14.3	14	31
334068	G1/4	6	24.5	8	23	13	17.5	16	37
338088	G1/8	8	24	6	25.5	15	15.5	16	43
334088	G1/4	8	25	8	25.5	15	17.5	16	42
334108	G1/4	10	28	8	29	17.5	20.7	19	61
333108	G3/8	10	32	10	29	17.5	22	20	68
332108	G1/2	10	32	12	29	17.5	26.8	24	90
334128	G1/4	12	31	8	31	21.5	24.5	22	92
333128	G3/8	12	33	10	31	21.5	24.5	22	97
332128	G1/2	12	36	12	31	21.5	26.8	24	114
333148	G3/8	14	37	10	36	25.5	29	26	160
332148	G1/2	14	39	12	36	25.5	29	26	169

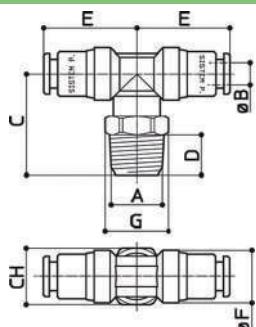


RACCORDI AD INNESTO RAPIDO - SERIE METALLO

PUSH-IN FITTINGS - METAL SERIES

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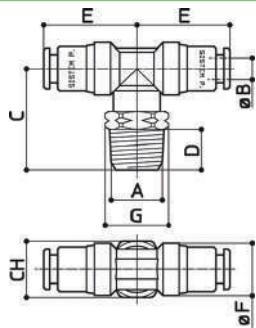
40



GIREVOLE-T CENTRALE CONICO
SWIVEL TAPERED BRANCH TEE

CODICE	A	B	C	D	E	F	G	CH	GR
408040T	R1/8	4	21	8	20	10	12.2	11	18
404040T	R1/4	4	23	10	20	10	15.5	14	24
408050T	R1/8	5	22	8	20.5	11	12.2	11	20
404050T	R1/4	5	24	10	20.5	11	15.5	14	26
408060T	R1/8	6	23	8	23	13	13.4	12	30
404060T	R1/4	6	25	10	23	13	15.5	14	35
408080T	R1/8	8	24	8	25	15	15.5	14	38
404080T	R1/4	8	26	10	25	15	15.5	14	42
403080T	R3/8	8	26	11	25	10	19	17	49
404100T	R1/4	10	29	10	28.5	17.5	21.2	19	65
403100T	R3/8	10	30	11	28.5	17.5	21.2	19	68
402100T	R1/2	10	32	14	28.5	17.5	24.5	22	78
404120T	R1/4	12	30	10	32	21.5	24.5	22	97
403120T	R3/8	12	33	11	32	21.5	24.5	22	100
402120T	R1/2	12	35	14	32	21.5	24.5	22	103
403140T	R3/8	14	35	11	36.5	25.5	29	26	161
402140T	R1/2	14	38	14	36.5	25.5	29	26	179

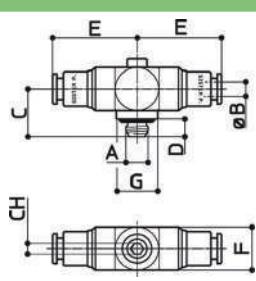
40



GIREVOLE-T CENTRALE NPT
SWIVEL BRANCH TEE NPT

CODICE	A	B	C	D	E	F	G	CH	GR
40K040	N1/8	4	21	8	20	10	12.2	11	18
40X040	N1/4	4	23	10	20	10	15.5	14	27
40K060	N1/8	6	23	8	23	13	13.4	12	29
40X060	N1/4	6	25	10	23	13	15.5	14	36
40K080	N1/8	8	24	8	25	15	15.5	14	45
40X080	N1/4	8	26	10	25	15	15.5	14	42
40X100	N1/4	10	29	10	28.5	17.5	21.2	19	65
40Y100	N3/8	10	30	11	28.5	17.5	21.2	19	70
40X120	N1/4	12	30	10	32	21.5	24.5	22	97
40Y120	N3/8	12	33	11	32	21.5	24.5	22	100
40Z120	N1/2	12	35	14	32	21.5	24.5	22	108

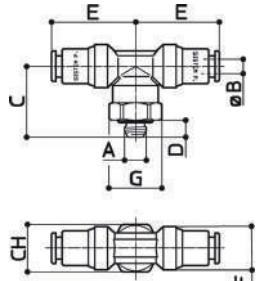
40



GIREVOLE-T CENTRALE RIDOTTO METRICO+OR
SWIVEL METRIC+OR REDUCED STUD BRANCH TEE

CODICE	A	B	C	D	E	F	G	CH	GR
405408	M5	4	11	4	19.5	10	9	2,5	14
406408	M6x0.75	4	12	5	19.5	10	9	2,5	14
406148	M6x1	4	12	5	19.5	10	9	2,5	15
408148	M8x1	4	13	6	21	10	12	2,5	16
405608	M5	6	12.5	4	24.5	12	11	3	31
406168	M6x1	6	13.5	5	24.5	12	11	3	31

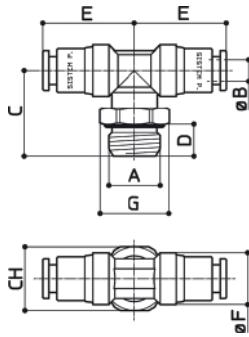
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GIREVOLE-T CENTRALE METRICO+OR
SWIVEL METRIC+OR STUD BRANCH TEE

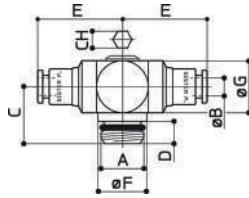
CODICE	A	B	C	D	E	F	G	CH	GR
405048	M5	4	16	4	20	10	12.2	11	15
405058	M5	5	19	4	20.5	11	12.2	11	19
405068	M5	6	18	4	23	13	13	12	26
401168	M10x1	6	20.5	6	23	13	14.3	13	29
402168	M12x1	6	22	8	23	13	17.5	16	32
401268	M12x1.25	6	22	8	23	13	17.5	16	32
40121568	M12x1.5	6	22	8	23	13	17.5	16	34
401188	M10x1	8	21.5	6	25	15	15.5	14	38
40121088	M12x1	8	23	8	25	15	17.5	16	40
40121288	M12x1.25	8	23	8	25	15	17.5	16	40
401288	M12x1.5	8	23	8	25	15	17.5	16	40

40


GIREVOLE-T CENTRALE CILINDRICO+OR
SWIVEL CYLINDRICAL+OR STUD BRANCH TEE

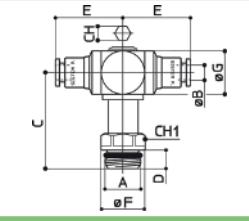
CODICE	A	B	C	D	E	F	G	CH	GR
408048	G1/8	4	19	6	20	10	14.3	13	17
404048	G1/4	4	21.5	8	20	10	17.5	16	25
408058	G1/8	5	21	6	20	11	14.3	13	21
404058	G1/4	5	23	8	20	11	17.5	16	26
408068	G1/8	6	20.5	6	23	13	14.3	13	29
404068	G1/4	6	22	8	23	13	17.5	16	34
408088	G1/8	8	21.5	6	25	15	15.5	14	37
404088	G1/4	8	23	8	25	15	17.5	16	41
403088	G3/8	8	26.5	10	25	15	22	20	52
404108	G1/4	10	29	8	28.5	17.5	20.7	19	61
403108	G3/8	10	30.5	10	28.5	17.5	22	20	68
402108	G1/2	10	31	12	28.5	17.5	26.8	24	83
404128	G1/4	12	28.5	8	32	21.5	24.5	22	94
403128	G3/8	12	31	10	32	21.5	24.5	22	96
402128	G1/2	12	34	12	32	21.5	26.8	24	113
403148	G3/8	14	34	10	36.5	25.5	29	26	160
402148	G1/2	14	36	12	36.5	25.5	29	26	166
40G2168	G1/2	16	36	12	40	27	31.5	28	195
407168	G3/4	16	38.5	12	40	27	32	30	221

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GIREVOLE-T BRUGOLA CILINDRICO+OR
SWIVEL BRANCH TEE SOCKET HEAD SCREW+OR

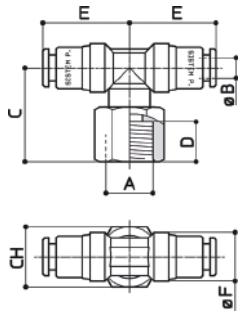
CODICE	A	B	C	D	E	F	G	CH	GR
138047	G1/8	4	13.5	5	23.5	11	14	4	33
134047	G1/4	4	15	6	23.5	14.3	14	4	38
138067	G1/8	6	13.5	5	24	11	14	4	38
134067	G1/4	6	15	6	24	14.3	14	4	41
138087	G1/8	8	13.5	5	25.5	11	14	4	40
134087	G1/4	8	15	6	25.5	14.3	14	4	42

13L


GIREVOLE-T BRUGOLA LUNGO CILINDRICO+OR
LONG BRANCH TEE SOCKET HEAD SCREW+OR

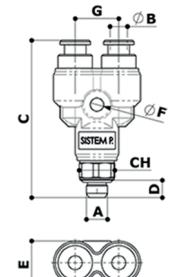
CODICE	A	B	C	D	E	F	G	CH	GR
13L8047	G1/8	4	30.5	5	23.5	11	14	4	43
13L4047	G1/4	4	32	6	23.5	14.3	14	4	46
13L8067	G1/8	6	30.5	5	24	11	14	4	46
13L4067	G1/4	6	32	6	24	14.3	14	4	49
13L8087	G1/8	8	30.5	5	25.5	11	14	4	31
13L4087	G1/4	8	32	6	25.5	14.3	14	4	31

41


GIREVOLE-T FEMMINA
SWIVEL FEMALE TEE

CODICE	A	B	C	D	E	F	G	CH	GR
418040	G1/8	4	22	8	20	10	12	12	19
418050	G1/8	5	22	8	20.5	11	12	12	23
418060	G1/8	6	23	8	23	13	12	12	30
414060	G1/4	6	25	10	23	13	16	16	38
418080	G1/8	8	24	8	25.5	15	14	14	42
414080	G1/4	8	26	10	25	15	16	16	46
414100	G1/4	10	28	10	28.5	17.5	19	20	72
413100	G3/8	10	30	11	29	17.5	20	20	71
414120	G1/4	12	33	10	32	21.5	22	22	115
413120	G3/8	12	33	11	32	21.5	22	22	105

34


INTERMEDIO - Y CENTRALE CILINDRICO + OR
SWIVEL CYLINDRICAL + OR STUD BRANCH Y

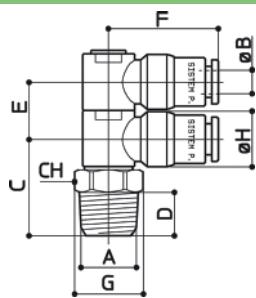
CODICE	A	B	C	D	E	F	G	CH	GR
345048	M5	4	34.6	4	10	3	10	8	17
348047	G1/8	4	36.9	5	10	3	10	10	20
344047	G1/4	4	38.6	6	10	3	10	10	22
348067	G1/8	6	42.4	5	13	3	13	11	33
344067	G1/4	6	43.3	6	13	3	13	11	35
344087	G1/4	8	44.8	6	15	3	15	13	44
348087	G1/8	8	44.7	6	15	3	15	13	43
343087	G3/8	8	47.6	7.8	15	3	15	13	50

RACCORDI AD INNESTO RAPIDO - SERIE METALLO

PUSH-IN FITTINGS - METAL SERIES

4

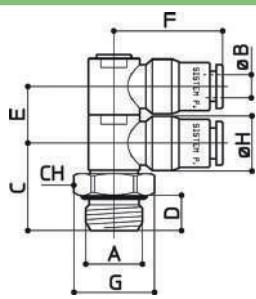
90



GIREVOLE-2L CONICO
2 ELBOW TAPERED SWIVEL

CODICE	A	B	C	D	E	F	G	CH	CH1	GR
908040T	R1/8	4	17	8	10.5	21	11.2	10	10	21
908050T	R1/8	5	18	8	10	23	11.2	10	10	29
908060T	R1/8	6	20.5	8	13	25	12.2	12.5	11	38
904060T	R1/4	6	22	10	13	25	15.5	12.5	14	46
908080T	R1/8	8	22	8	16	28	13.4	15	12	51
904080T	R1/4	8	23.5	10	16	28	15.5	15	14	54
904100T	R1/4	10	25	10	17.5	29	15.5	17	14	85
903100T	R3/8	10	27	11	17.5	29	19	17	17	96

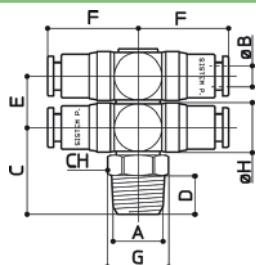
90



GIREVOLE-2L CILINDRICO+OR
2 ELBOW CYLINDRICAL+OR SWIVEL

CODICE	A	B	C	D	E	F	G	CH1	GR
908048	G1/8	4	16.5	6	10.5	21	14.3	13	22
908058	G1/8	5	16	6	10	23	14.3	13	29
908068	G1/8	6	18	6	13	25	14.3	13	39

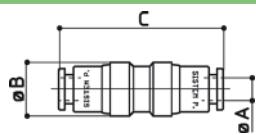
11



GIREVOLE-2T CONICO
2 TEE TAPERED SWIVEL

CODICE	A	B	C	D	E	F	G	H	CH	GR
118040T	R1/8	4	17	8	10.5	19	11.2	10	10	33
118050T	R1/8	5	17	8	10.5	21	11.2	10	10	42
118060T	R1/8	6	19	8	13	24	12.2	12.5	11	72
114060T	R1/4	6	22	10	13	24	15.5	12.5	14	67
118080T	R1/8	8	20	8	15	26	13.4	14	12	72
114080T	R1/4	8	23.5	10	15.5	26	15.5	14	14	119
114100T	R1/4	10	25	10	17.5	29	15.5	17	14	140
113100T	R3/8	10	27	11	17.5	29	19	17	17	151

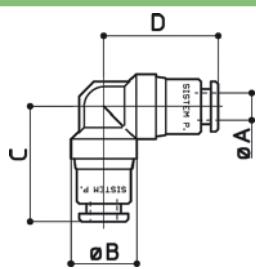
50



INTERMEDIO DIRITTO
INTERMEDIATE STRAIGHT

CODICE	A	B	C	GR
500040	4	10	34	11
500050	5	11	34	12
500060	6	13	40	21
500080	8	15	43	27
500100	10	18	47	43
500120	12	21	52	62
500140	14	25	57	107
500160	16	27	60	105

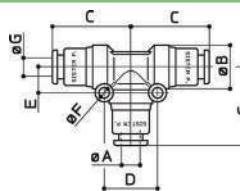
60



INTERMEDIO-L
INTERMEDIATE ELBOW

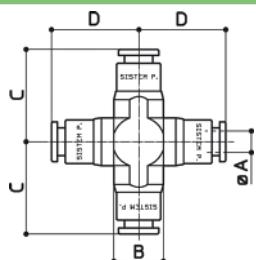
CODICE	A	B	C	D	GR
600040	4	10	19	19	9
600050	5	11	20	20	12
600060	6	13	23	23	19
600080	8	15	25	25	26
600100	10	17.5	28.5	28.5	40
600120	12	21.5	31.5	29.5	60
600140	14	25.5	36.5	33.5	108
600160	16	27	35	40	101

70



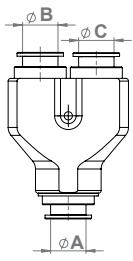
CODICE	A	B	C	D	E	F	G	GR
700040	4	10	19.5	12	6	2.7	4	14
700050	5	11	20.5				5	17
700060	6	13	23.5	16	8	3.2	6	32
700080	8	15	26	18	9	3.2	8	42
700100	10	17.5	29	22	11	4.2	10	63
700120	12	21.5	31				12	83
700140	14	25.5	35				14	150
708480	8-4-8	15	20.5	18	9	3.2	8	33
700160	16	27	40	18	9	3.2	16	195

26



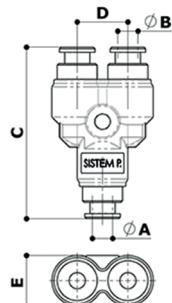
CODICE	A	B	C	D	GR
260040	4	10	20	19.5	21
260050	5	10	20.5	20.5	24
260060	6	12	24	26	46
260080	8	14	26	29	61
260100	10	17	31	33	102
260120	12	21	34	36	138

FS.51



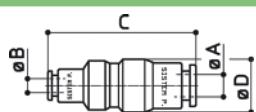
CODICE	A	B	C
FS.510060M	6	6	6
FS.510080M	8	8	8
FS.5106080M	8	8	6
FS.510100M	10	10	10
FS.5108100M	10	10	8
FS.510808100M	10	8	8
FS.510120M	12	12	12
FS.5110120M	12	12	10
FS.5108120M	12	12	8
FS.511010120M	12	10	10
FS.510810120M	12	10	8
FS.510808120M	12	8	8

51



CODICE	A	B	C	D	E	GR
510040PM	4	4	31	11	11	20
510060PM	6	6	34	15	13	27
510080PM	8	8	39	17	15	36
514060PM	6	4	37.5	13	13	28
516080PM	8	6	41.6	15	15	41

24



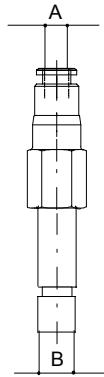
CODICE	A	B	C	D	GR
244050	5	4	34.5	11	12
244060	6	4	39	13	16
245060	6	5	39	13	20
246080	8	6	42.5	15	27

RACCORDI AD INNESTO RAPIDO - SERIE METALLO

PUSH-IN FITTINGS - METAL SERIES

4

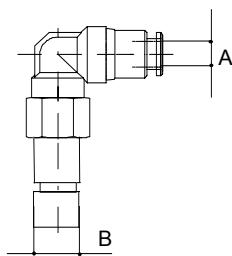
25



CODOLO METALLICO DIRITTO AD INNESTO RAPIDO
SPIGOT STRAIGHT-AUTOMATIC FITTING

CODICE	A	B
2540M40	4	4
2560M40	6	4
2580M40	8	4
2540M60	4	6
2560M60	6	6
2580M60	8	6
2510M60	10	6
2512M60	12	6
2540M80	4	8
2560M80	6	8
2580M80	8	8
2510M80	10	8
2512M80	12	8
2540M10	4	10
2560M10	6	10
2580M10	8	10
2510M10	10	10
2512M10	12	10
2540M12	4	12
2560M12	6	12
2580M12	8	12
2510M12	10	12
2512M12	12	12
2580M18	8	18
2510M18	10	18
2512M18	12	18

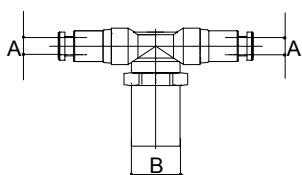
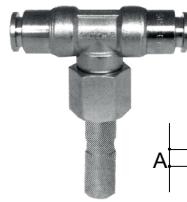
54



CODOLO METALLICO A "L" AD INNESTO RAPIDO
SPIGOT ELBOW-AUTOMATIC FITTING

CODICE	A	B
5440M40	4	4
5460M40	6	4
5480M40	8	4
5440M60	4	6
5460M60	6	6
5480M60	8	6
5410M60	10	6
5412M60	12	6
5440M80	4	8
5460M80	6	8
5480M80	8	8
5410M80	10	8
5412M80	12	8
5440M10	4	10
5460M10	6	10
5480M10	8	10
5410M10	10	10
5412M10	12	10
5440M12	4	12
5460M12	6	12
5480M12	8	12
5410M12	10	12
5412M12	12	12
5480M18	8	18
5410M18	10	18
5412M18	12	18

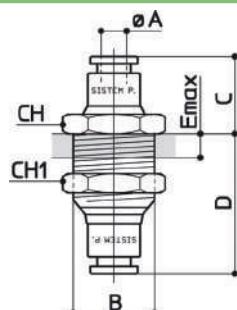
40



CODOLO METALLICO A "T" AD INNESTO RAPIDO
SPIGOT TEE-AUTOMATIC FITTING

CODICE	A	B
4080M80	8	8
4080M12	8	12
4012M12	12	12
4012M18	12	18

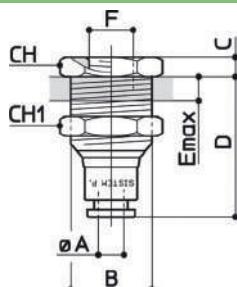
80



PASSALAMIERA DIRITTO
BULKHEAD, STRAIGHT

CODICE	A	B	C	D	E	CH	CH1	GR
800040	4	M12x1	14	24.5	10	13	14	20
800050	5	M12x1	15	25	10	13	14	20
800060	6	M15x1	16.5	28.5	11	18	18	38
800080	8	M17x1	18.5	32	13	20	20	51
800100	10	M20x1.5	19	32.5	13	22	22	63
800120	12	M22x1.5	20	34	13	25	25	79
800140	14	M27x1.5	22	34	13	30	30	132

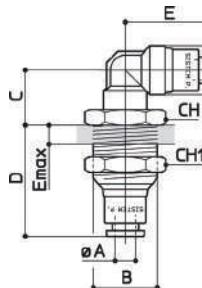
81



PASSALAMIERA FEMMINA
BULKHEAD, FEMALE

CODICE	A	B	C	D	E	F	CH	CH1	GR
818040	4	M12x1	12	24.5	10	G1/8	14	14	27
818060	6	M15x1	4	28.5	11	G1/8	18	18	30
814080	8	M17x1	4.5	32	13	G1/4	20	20	37
814100	10	M20x1.5	4.5	32.5	13	G1/4	22	22	50
813120	12	M22x1.5	4.5	34	13	G3/8	25	25	60

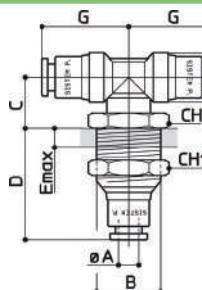
82



PASSALAMIERA GIRANTE-L
SWIVEL BULKHEAD ELBOW

CODICE	A	B	C	D	E	F	G	CH	CH1	GR
820040	4	M12x1	12.5	24.5	10	10	20	13	14	25
820050	5	M12x1	14.5	24.5	10	11	20.5	13	14	30
820060	6	M15x1	14.5	28.5	11	13	23	18	18	48
820080	8	M17x1	15.5	32	13	15	25	20	20	66
820100	10	M20x1.5	19.5	32.5	13	17.5	28.5	22	22	89
820120	12	M22x1.5	20.5	34	13	21.5	32	25	25	120

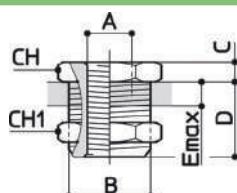
83



PASSALAMIERA GIRANTE-T
SWIVEL TEE BULKHEAD

CODICE	A	B	C	D	E	F	G	CH	CH1	GR
830040	4	M12x1	12.5	24.5	10	10	20	13	14	27
830050	5	M12x1	14.5	24.5	10	11	20.5	13	14	38
830060	6	M15x1	14.5	28.5	11	13	23	18	18	53
830080	8	M17x1	15.5	32	13	15	25	20	20	76
830100	10	M20x1.5	19.5	32.5	13	17.5	28.5	22	22	102
830120	12	M22x1.5	20.5	34	13	21.5	32	25	25	112

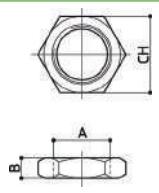
FS83



PASSALAMIERA FEMMINA PASSANTE
THROUGH-SHEET FEMALE BULKHEAD

CODICE	A	B	C	D	E	CH	CH1	GR
FS83050	M5	M10x1	3.5	10.5	7	14	14	12
FS83180	G1/8	M16x1.5	4	14	10	19	22	29
FS83140	G1/4	M20x1.5	4	21	16	24	27	55
FS83380	G3/8	M26x1.5	5	21	15	30	32	95
FS83120	G1/2	M28x1.5	6	27	21	32	36	114
FS83770	G3/4	M33X1.5	6	30.5	22.5	41	41	160
FS83110	G1	M42X2	8	34	24.5	46	50	269

CDP



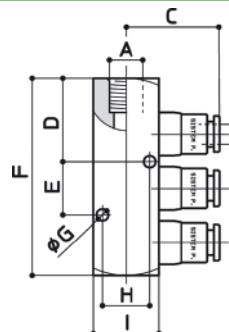
CONTRODADO PASSALAMIERA
LOCK NUT BULKHEAD

CODICE	A	B	CH	GR
371	M12x1	4	14	2
372	M15x1	4	18	3
373	M17x1	4	20	4
374	M20x1.5	4	22	4
375	M22x1.5	4.5	25	6
376	M27x1.5	4.5	30	4

RACCORDI AD INNESTO RAPIDO - SERIE METALLO PUSH-IN FITTINGS - METAL SERIES

4

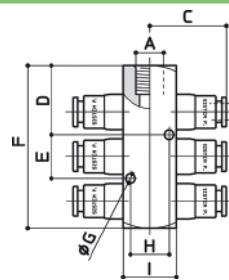
18



RIPARTITORE 3 VIE
3 WAY MULTIPLE CONNECTOR

CODICE	A	B	C	D	E	F	G	H	I	GR
188040	G1/8	4	23	22	15	56	3.25	13	18x18	52
188050	G1/8	5	24	23	15	56	3.25	13	18x18	135
188060	G1/8	6	29	23	15	56	3.25	13	18x18	72
184060	G1/4	6	30	27	15	58	3.7	14.3	20x20	80
183060	G3/8	6	30	30	17	66	3.7	14.3	20x20	89
183080	G3/8	8	32	30	17	66	3.7	14.3	20x20	93
183100	G3/8	10	40	33	40	78	4.6	21.5	30x20	151
182100	G1/2	10	40	33	40	78	4.6	21.5	30x25	175
182120	G1/2	12	42	38.5	44	87	4.6	21.5	30x25	227

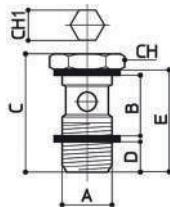
19



RIPARTITORE 6 VIE
6 WAY MULTIPLE CONNECTOR

CODICE	A	B	C	D	E	F	G	H	I	GR
198040	G1/8	4	23	22	15	56	3.25	13	18x18	80
198050	G1/8	5	24	23	15	56	3.25	13	18x18	144
198060	G1/8	6	29	23	15	56	3.25	13	18x18	101
194060	G1/4	6	30	27	15	58	3.7	14.3	20x20	109
193060	G3/8	6	30	30	17	66	3.7	14.3	20x20	113
193080	G3/8	8	32	30	17	66	3.7	14.3	20x20	134
193100	G3/8	10	40	33	40	78	4.6	22	30x20	204
192100	G1/2	10	40	33	40	78	4.6	22	30x25	232
192120	G1/2	12	42	38.5	44	87	4.6	22	30x25	326

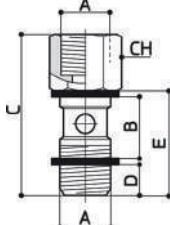
35



TIRANTE 1 POSIZIONE
SINGLE HOLLOW BANJO

CODICE	A	B	C	D	E	CH	CH1	GR	Rondelle
355000	M5	9	18.5	4	15	8	4	3	NYLON
358000	G1/8	14	27	6	23	14		14	NYLON IM
358000/F	G1/8	14	27	6	23	14		14	ALLUM.
358000/T	G1/8	14	27	6	23	14		19	NYLON
354000	G1/4	16	29.5	5.5	25.5	17		24	NYLON IM
354000/F	G1/4	16	29.5	6.5	25.5	17		24	ALLUM.
354000/T	G1/4	16	29.5	6.5	25.5	17		24	NYLON

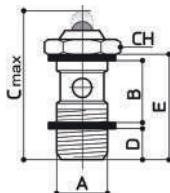
35



TIRANTE 1 POSIZIONE FEMMINA
SINGLE HOLLOW BANJO, FEMALE

CODICE	A	B	C	D	E	CH	GR	Rondelle
358800	G1/8	14	35	6	23	14	19	NYLON IM
358800/F	G1/8	14	35	6	23	14	18	ALLUM.
358800/T	G1/8	14	35	6	23	14	19	NYLON
354400	G1/4	16	40	5.5	25.5	17	33	NYLON IM
354400/F	G1/4	16	40	6.5	25.5	17	33	ALLUM.
354400/T	G1/4	16	40	6.5	25.5	17	33	NYLON

35RP



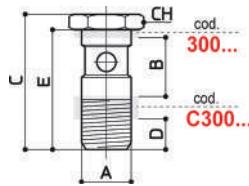
TIRANTE 1 POS. CON RIVELATORE PRESSIONE
SINGLE HOLLOW BOLT WITH PRESSURE DETECTOR

CODICE	A	B	C	D	E	CH	GR	Rondelle
3550RP/T	M5	9	25	4	15	8	3	NYLON
3580RP	G1/8	14	32	6	23	14	13	NYLON IM
3580RP/F	G1/8	14	32	6	23	14	13	ALLUM.
3580RP/T	G1/8	14	32	6	23	14	12	NYLON
3540RP	G1/4	16	34	5.5	25.5	17	24	NYLON IM
3540RP/F	G1/4	16	34	6.5	25.5	17	22	ALLUM.
3540RP/T	G1/4	16	34	6.5	25.5	17	22	NYLON

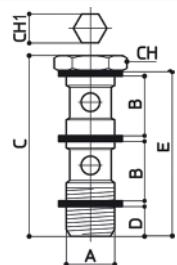
4

RACCORDI AD INNESTO RAPIDO - SERIE METALLO

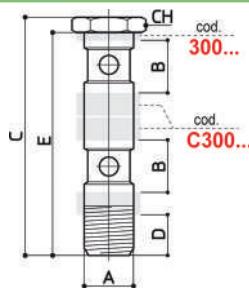
PUSH-IN FITTINGS - METAL SERIES

C35

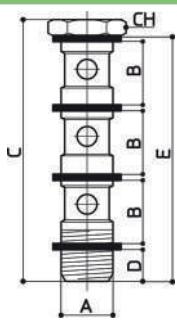
CODICE	A	B	C	D	E	CH	GR
C3580L	G1/8	14	31	6.5	27	14	15
C3540L	G1/4	16	33.5	6.5	29	17	27

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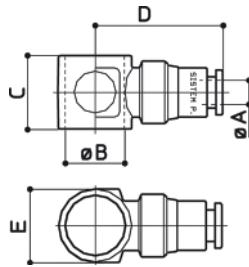
CODICE	A	B	C	D	E	CH	CH1	GR	Rondelle
365000	M5	9	28.5	4	25	8	4	4	NYLON
368000	G1/8	14	43	6.5	39	14	19	19	NYLON IM
368000/F	G1/8	14	43	6.5	39	14	19	19	ALLUM.
368000/T	G1/8	14	43	6.5	39	14	19	19	NYLON
364000	G1/4	16	46	4	42	17	34	34	NYLON IM
364000/F	G1/4	16	46	5.5	42	17	35	35	ALLUM.
364000/T	G1/4	16	46	5.5	42	17	32	32	NYLON

C36

CODICE	A	B	C	D	E	CH	GR
C3680L	G1/8	14	56	7.5	52	14	24
C3640L	G1/4	16	58.5	5.5	54	17	43

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CODICE	A	B	C	D	E	CH	GR	Rondelle
378000	G1/8	14	58.5	6.5	54.5	14	25	NYLON IM
378000/F	G1/8	14	58.5	6.5	54.5	14	25	ALLUM.
378000/T	G1/8	14	58.5	6.5	54.5	14	25	NYLON
374000	G1/4	16	64	4	60	17	47	NYLON IM
374000/F	G1/4	16	64	6	60	17	46	ALLUM.
374000/T	G1/4	16	64	6	60	17	42	NYLON

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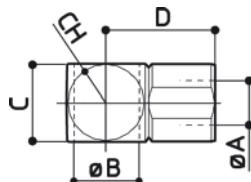
CODICE	A	B	C	D	E	GR
385040	4	5.2-M5	9	19	9	8
385050	5	5.2-M5	10	20	10	12
388040	4	10.3-1/8	14	22.5	14	11
388050	5	10.3-1/8	14	23	14	21
388060	6	10.3-1/8	14	25.5	14	15
388080	8	10.3-1/8	14	27	15	17
384060	6	13.3-1/4	16	27	17	18
384080	8	13.3-1/4	16	28.5	14	20
384100	10	13.3-1/4	16	35	17	32

RACCORDI AD INNESTO RAPIDO - SERIE METALLO

PUSH-IN FITTINGS - METAL SERIES

4

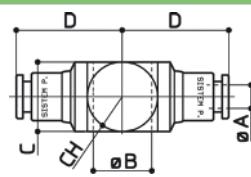
38



TESTINA ORIENTABILE-L FEMMINA
BANJO FEMALE ELBOW RING

CODICE	A	B	C	D	CH	GR
385500	M5	5,1-M5	9	10	9	9
388800	G1/8	10.2-1/8	14	16.5	14	21
384400	G1/4	13.2-1/4	16	20	16	25

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TESTINA ORIENTABILE-T
BANJO TEE RING

CODICE	A	B	C	D	E	GR
395040	4	5.1-M5	9	19	9	12
398040	4	10.2-1/8	14	23.5	15	29
398060	6	10.2-1/8	14	24	15	32
398080	8	10.2-1/8	14	25.5	15	33
394060	6	13.2-1/4	16	26.5	17.5	39
394080	8	13.2-1/4	16	29	17.5	44
394100	10	13.2-1/4	16	29	17.5	54

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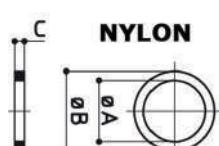
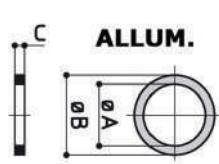
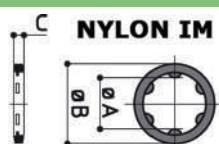


CODICE

3580RP04	3580RP + 388040 + 300250 + C30080
3580RP06	3580RP + 388060 + 300250 + C30080
3580RP08	3580RP + 388080 + 300250 + C30080

TESTIMONE DI PRESSIONE
INDICATOR OF PRESSURE

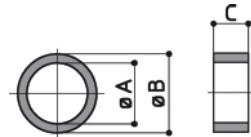
300



RONDELLE DI TENUTA
SEAL WASHER

CODICE	A	B	C	GR	Rondelle
300100	5.1-M5	9	1	1	NYLON
300140	5.2-M5	8	1.3	1	NYLON IM
300150	6.1-M6	9	1	1	NYLON
300200	10.1-1/8	14	1.5	1	ALLUM.
300250	10.2-1/8	13.5	1.5	1	NYLON IM
300270	10.2-1/8	14	1.5	1	NYLON
300300	13.2-1/4	17	1.5	2	ALLUM.
300350	13.2-1/4	17	2	2	NYLON IM
300370	13.2-1/4	17	1.5	1	NYLON
300400	16.8-3/8	21	1.5	4	ALLUM.
300450	16.8-3/8	21	2	2	NYLON IM
300550	21.1-1/2	26	2	3	NYLON IM
300500	21.2-1/2	25	1.5	6	ALLUM.

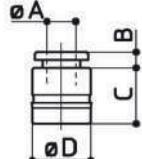
C300



DISTANZIALE IN NYLON
NYLON SPACER

CODICE	A	B	C	GR	Rondelle
C30080	10-1/8	14	5	1	NYLON
C30040	13.2-1/4	17.5	5	1	NYLON

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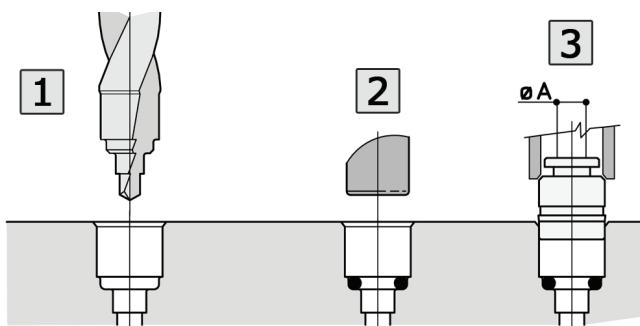
BUSSOLA DI PIASTAGGIO
INSERT FITTING


CODICE	A	B	C	D	GR
150040	4	2	8.5	8	2
150050	5	2	8.5	9	3
150060	6	2.5	10.5	11	5
150080	8	2.5	11.5	13	7
150100	10	4	12	16	11
150120	12	4	12.5	19	15
150140	14	4	15	23	30

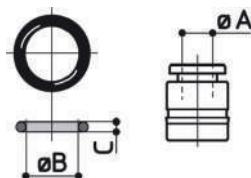
- 1** Forare con punta serie PEB per eseguire la sede bussola
Create insert seat with a type PEB drill

- 2** Montare l'O-Ring nell'apposita sede
Fit O-Ring in the right position

- 3** Inserire la bussola
Bushes driving



OR

O-RING PER BUSSOLA
O-RING FOR INSERT


CODICE	A	B	C
OR2015	4	3.69	1.78
OR2018	5	4.48	1.78
OR5.7	6	5.7	1.78
OR2031	8	7.66	1.78
OR112	10	9.92	2.62
OR115	12	11.91	2.62
OR3056	14	13.95	2.62

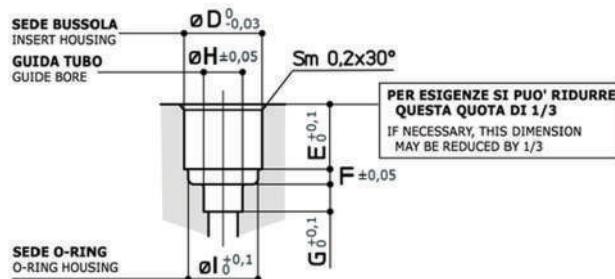
PEB

PUNTA ELICOIDALE PER SEDE BUSSOLA
TWIST DRILL FOR INSERT SEAT


CODICE	A	B	D	E	F	G	H	I	GR
PEB040	4	-	8	8.5	2	3	4.15	7	31
PEB050	5	-	9	8.5	2	3	5.15	7.9	40
PEB060	6	-	11	10.5	2	3	6.15	8.9	66
PEB080	8	-	13	11.5	2	3	8.15	10.9	93
PEB100	10	-	16	12	3	4	10.15	14.3	153
PEB120	12	-	19	12.5	3	5	12.15	16.3	236
PEB140	14	-	23	15	3	5	14.15	18.3	319

FORARE CON PUNTA "PEB" PER ESEGUIRE LA SEDE BUSSOLA
DA UTILIZZARE SOLO SU ALLUMINIO O RESINA

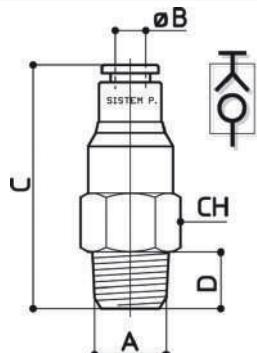
CREATE INSERT SEAT WITH A "PEB" DRILL
TO BE USED ONLY ON ALUMINIUM OR RESIN



RACCORDI AD INNESTO RAPIDO - SERIE METALLO PUSH-IN FITTINGS - METAL SERIES

4

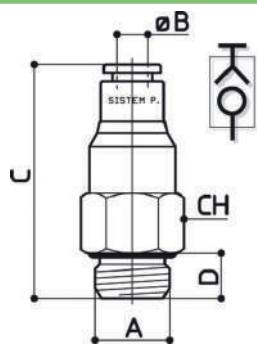
27



RUBINETTO AUTOMATICO CONICO
AUTOMATIC TAPERED TAP

CODICE	A	B	C	D	CH	GR
278060T	R1/8	6	43	8	15	31
274060T	R1/4	6	46	10	15	35
278080T	R1/8	8	47	8	17	39
274080T	R1/4	8	49	10	17	41
274100T	R1/4	10	53.5	10	20	60
273100T	R3/8	10	54.5	11	20	68

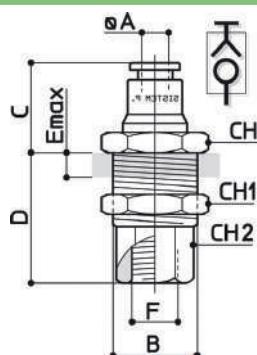
27



RUBINETTO AUTOMATICO CILINDRICO+OR
AUTOMATIC CYLINDRICAL+OR TAP

CODICE	A	B	C	D	CH	GR
278068	G1/8	6	43	6	15	31
274068	G1/4	6	44	8	16	37
278088	G1/8	8	45	6	17	43
274088	G1/4	8	48	8	17	45

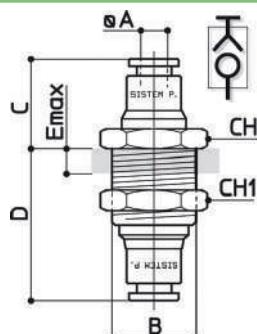
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PASSALAMIERA FEMMINA CON R/A
FEMALE BULKHEAD WITH AUTOMATIC TAP

CODICE	A	B	C	D	E	F	CH	CH1	CH2	GR
288060	6	M17x1	21	26	12	G1/8	19	20	14	47
284080	8	M20x1	21.5	29.5	12	G1/4	22	22	16	60

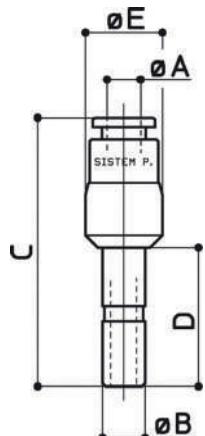
29



PASSALAMIERA DIRITTO CON R/A
BULKHEAD STRAIGHT WITH AUTOMATIC TAP

CODICE	A	B	C	D	E	CH	CH1	GR
290060	6	M17x1	21	33	12	19	20	50
290080	8	M20x1	21.5	35.5	12	22	22	64

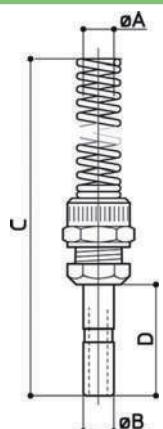
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INNESTO METALLICO PER R/A
METAL COUPLING

CODICE	A	B	C	D	E	GR
310060	6	6	43.5	21	12	13
310080	8	8	48.5	22	14	19

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INNESTO METALLICO CON ATTACCO MOLLA PER R/A
METAL COUPLING WITH SPRING CONNECTION

CODICE	A	B	C	D	CH	CH1	GR
320060	6	6	125	21	12	10	26
320080	8	8	127	22	14	12	38