

HA

Raccordi automatici in tecnopolimero

I raccordi ad innesto rapido consentono una veloce connessione dell'impianto pneumatico, nonché facilitano le operazioni di manutenzione o sostituzione dei componenti pneumatici.



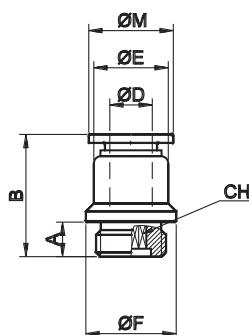
CARATTERISTICHE TECNICHE

Temperatura	-10 ÷ 80 °C
Fluido	aria compressa, vuoto
Pressione di lavoro	-0,99 ÷ 10 bar
Applicazioni	circuiti pneumatici
Tubi di collegamento consigliati	poliammide PA 10.12, poliuretano Sh.A98 co-poliuretano Sh.55D

CARATTERISTICHE COSTRUTTIVE

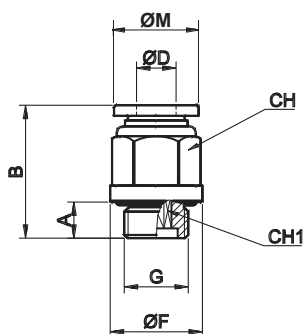
Corpo	tecnopolimero
Elemento di fissaggio	ottone nichelato con O-ring in NBR nella versione cilindrica (standard) rivestimento in teflon nella versione conica (su richiesta)
Pinza di aggraffaggio	acciaio inox
Anello di sgancio	tecnopolimero

HA02 Diritto corpo liscio maschio cilindrico



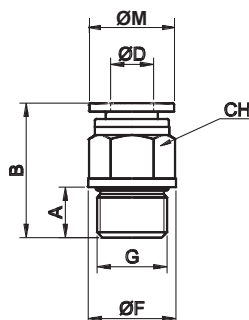
Codice	A	B	CH	ØD	E	F	G	ØM
HA0204M5	4	20.8	2	4	10	-	M5	10
HA0206M5	4	22.4	2	6	12	-	M5	12
HA020418	5.5	19.3	3	4	10	14	G1/8	10
HA020618	5.5	20.2	4	6	12	14	G1/8	12
HA020818	5.5	27.1	5	8	14	14	G1/8	14
HA020414	6.5	17.4	3	4	10	17	G1/4	10
HA020614	6.5	20.9	4	6	12	17	G1/4	12
HA020814	6.5	23	5	8	9.9	17	G1/4	14
HA021014	6.5	29.9	6	10	18	17	G1/4	17
HA020838	7.5	22.1	6	8	14	20	G3/8	14
HA021038	7.5	25.9	8	10	17	20	G3/8	17
HA021238	7.5	28.6	8	12	21	21	G3/8	20
HA021012	9.5	35.3	8	10	17	24	G1/2	17
HA021212	9.5	31.1	8	12	21	24	G1/2	20

HA04 Diritto maschio cilindrico



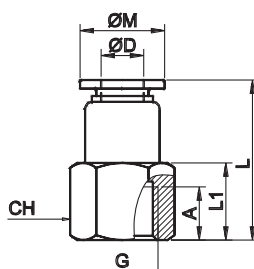
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HA0404M5	4	20.8	4	10	2	8	M5	10
HA0406M5	4	22.5	6	12	2	8	M5	12
HA040418	5.5	19.3	4	10	3	14	G1/8	10
HA040618	5.5	20.2	6	12	4	14	G1/8	12
HA040818	5.5	27.1	8	14	5	-	G1/8	14
HA040414	6.5	17.4	4	10	3	17	G1/4	10
HA040614	6.5	20.9	6	12	4	17	G1/4	12
HA040814	6.5	23	8	14	5	17	G1/4	14
HA041014	6.5	29.9	10	17	6	17	G1/4	17
HA040838	7.5	22.1	8	14	6	20	G3/8	14
HA041038	7.5	25.9	10	17	8	20	G3/8	17
HA041238	7.5	28.6	12	21	8	21	G3/8	20
HA041012	9.5	24.5	10	17	8	24	G1/2	17
HA041212	9.5	31.1	12	21	8	24	G1/2	20

HA06 Diritto plastica maschio cilindrico



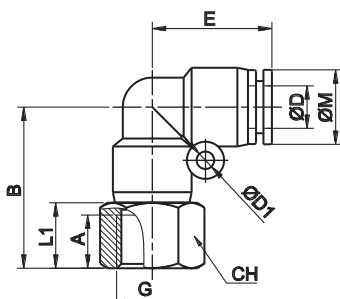
Codice	A	B	ØD	CH	ØF	G	ØM
HA060618	6.5	24.4	6	12	14.2	G1/8	12
HA060818	6.5	26.3	8	14	16.5	G1/8	14
HA060614	8.5	23.4	6	14	16.5	G1/4	12
HA060814	8.5	25.3	8	14	16.5	G1/4	14
HA061014	8.5	32.4	10	17	19.9	G1/4	17
HA060838	9.5	23.5	8	17	20.6	G3/8	14
HA061038	9.5	29.4	10	17	20.6	G3/8	17
HA061238	9.5	30.3	12	21	24.5	G3/8	20
HA061012	12	30.4	10	21	24.5	G1/2	17
HA061212	12	33.3	12	21	24.5	G1/2	20

HA07 Diritto femmina



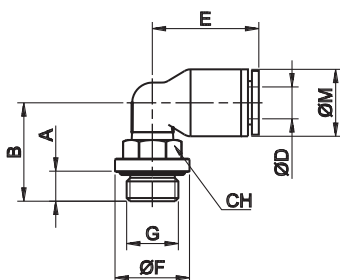
Codice	A	CH	ØD	G	L	L1	ØM
HA070418	7	14	4	G1/8	23.8	10	10
HA070618	7	14	6	G1/8	25.2	11	12
HA070818	7	14	8	G1/8	27.1	11.5	14
HA070614	10	17	6	G1/4	28.2	14	12
HA070814	10	17	8	G1/4	30.1	14.5	14
HA071014	10	17	10	G1/4	22.3	14.5	17
HA070838	11	21	8	G3/8	31.1	15.5	14
HA071038	11	21	10	G3/8	33.3	15.5	17
HA071238	11	21	12	G3/8	35.6	14	20
HA071212	13	24	12	G1/2	37.6	17.5	20

HA08 Gomito girevole femmina

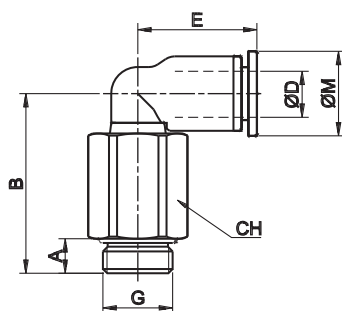


Codice	A	B	CH	ØD	ØD1	E	G	L1	ØM
HA080418	7	23	14	4	NO	17.5	G1/8	9.5	10
HA080618	7	24.4	14	6	3.3	18.7	G1/8	9.7	12
HA080818	7	27.3	14	8	3.3	22.5	G1/8	9.3	14
HA080614	10	27.4	17	6	3.3	18.7	G1/4	12.7	12
HA080814	10	30.3	17	8	3.3	22.5	G1/4	12.3	14
HA081014	10	34.3	17	10	4.3	27.2	G1/4	12	17
HA080838	11	32	21	8	3.3	22.5	G3/8	14	14
HA081038	11	36.3	21	10	4.3	27.2	G3/8	14	17
HA081238	11	38	21	12	4.3	29.3	G3/8	14	20
HA081212	13	40.5	24	12	4.3	29.3	G1/2	16.5	20

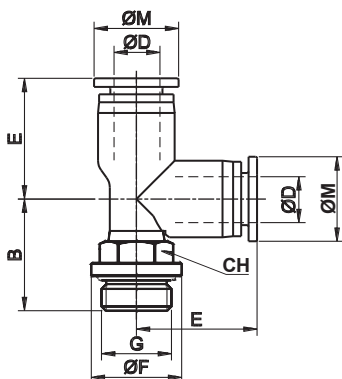
HA10B Gomito basso



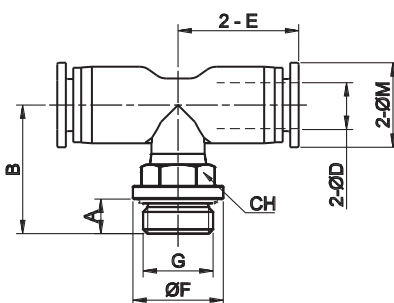
Codice	A	B	CH	ØD	E	ØF	G	ØM
HA10B04M5	4	15.4	8	4	18.8	-	M5	10.5
HA10B06M5	4	16.5	8	6	20	-	M5	12.6
HA10B0418	5.5	17.5	10	4	18.8	14	G1/8	10.8
HA10B0618	5.5	18.5	10	6	20	14	G1/8	12.6
HA10B0818	5.5	22	14	8	22.5	14	G1/8	14.3
HA10B0414	6.5	19	10	4	18.8	17	G1/4	10.6
HA10B0614	6.5	20	10	6	20	17	G1/4	12.6
HA10B0814	6.5	20.5	12	8	22.5	17	G1/4	14
HA10B1014	6.5	24.3	17	10	26.9	17	G1/4	18
HA10B0838	7.5	21.6	12	8	22.5	20	G3/8	14.2
HA10B1038	7.5	22.8	20	10	26.9	20	G3/8	18
HA10B1238	7.5	24.3	20	12	28.5	20	G3/8	21
HA10B1012	9	25.7	17	10	26.9	24	G1/2	18.3
HA10B1212	9	27.2	17	12	28.5	24	G1/2	21

HA12B Gomito girevole basso prolungato maschio

Codice	A	B	CH	ØD	E	G	ØM
HA12B04M5	4	32.5	8	4	18.8	M5	11.9
HA12B06M5	4	33.5	8	6	20	M5	13.9
HA12B0418	5.5	30.5	14	4	18.8	G1/8	11.9
HA12B0618	5.5	31.5	14	6	20	G1/8	13.9
HA12B0818	5.5	37.8	14	8	22.5	G1/8	15.9
HA12B0414	6.5	30.5	17	4	18.8	G1/4	11.9
HA12B0614	6.5	31.5	17	6	20	G1/4	13.9
HA12B0814	6.5	33.8	17	8	22.5	G1/4	15.9
HA12B1014	6.5	46.4	17	10	26.9	G1/4	19.5
HA12B0638	7.5	32.6	20	6	20	G3/8	13.9
HA12B0838	7.5	34.9	20	8	22.5	G3/8	15.9
HA12B1038	7.5	43.4	20	10	26.9	G3/8	19.5
HA12B1238	7.5	44.9	20	12	28.5	G3/8	23
HA12B1012	9	45.3	24	10	26.9	G1/2	19.5
HA12B1212	9	46.8	24	12	28.5	G1/2	23

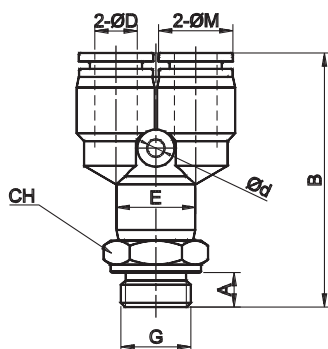
HA14B T laterale basso maschio

Codice	A	B	ØD	E	ØF	G	H	ØM	CH
HA14B04M5	4	19.2	4	18	-	M5	8	11.9	8
HA14B06M5	4	20.2	6	20	-	M5	8	13.9	8
HA14B0418	5.5	18.1	4	18	14	G1/8	10	11.9	10
HA14B0618	5.5	19.1	6	20	14	G1/8	10	13.9	10
HA14B0818	5.5	22.5	8	22.7	14	G1/8	14	15.9	10
HA14B0614	6.5	20.6	6	20	17	G1/4	10	13.9	12
HA14B0814	6.5	21	8	22.7	12	G1/4	12	15.9	12
HA14B1014	6.5	25.4	10	26.9	17	G1/4	17	19.5	12
HA14B0838	7.5	22.1	8	22.7	20	G3/8	12	15.9	14
HA14B1038	7.5	23.9	10	26.9	20	G3/8	20	19.5	14
HA14B1238	7.5	25.1	12	29.3	20	G3/8	20	23	14
HA14B1012	9	26.8	10	26.9	24	G1/2	17	19.5	17
HA14B1212	9	28	12	29.3	24	G1/2	17	23	17

HA16B T centrale basso maschio

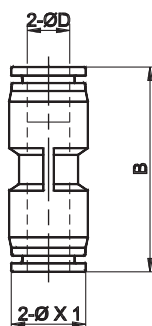
Codice	A	B	CH	ØD	E	ØF	G	ØM
HA16B04M5	4	21.1	8	4	18	-	M5	11.9
HA16B06M5	4	22.2	8	6	20	-	M5	13.9
HA16B0418	5.5	20	10	4	18	14	G1/8	11.9
HA16B0618	5.5	21.1	10	6	20	14	G1/8	13.9
HA16B0818	5.5	25.7	14	8	22.7	14	G1/8	15.9
HA16B0614	6.5	22.6	10	6	20	17	G1/4	13.9
HA16B0814	6.5	24.2	12	8	22.7	17	G1/4	15.9
HA16B1014	6.5	27.6	17	10	26.9	17	G1/4	19.5
HA16B0838	7.5	25.3	12	8	22.7	20	G3/8	15.9
HA16B1038	7.5	26.1	20	10	26.9	20	G3/8	19.5
HA16B1238	7.5	27.4	20	12	29.3	20	G3/8	23
HA16B1012	9	29	17	10	26.9	24	G1/2	19.5
HA16B1212	9	30.3	17	12	29.3	24	G1/2	23

HA18 Y maschio cilindrico



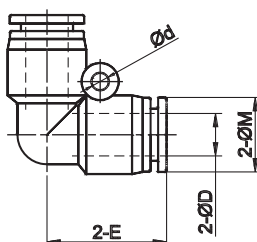
Codice	A	B	CH	ØD	Ød	E	G	ØM
HA1804M5	4	39.5	10	4	3.3	11	M5	10
HA1806M5	4	40	12	6	3.3	11	M5	12
HA180418	5.5	42.5	12	4	3.3	11	G1/8	10
HA180618	5.5	43.5	14	6	3.3	13	G1/8	12
HA180818	5.5	46.3	14	8	3.3	15	G1/8	14
HA180614	6.5	45	14	6	3.3	13	G1/4	12
HA180814	6.5	47.8	17	8	3.3	15	G1/4	14
HA181014	6.5	56.5	17	10	4.3	18	G1/4	17
HA180838	7.5	49.3	17	8	3.3	15	G3/8	14
HA181038	7.5	58	20	10	4.3	18	G3/8	17
HA181238	7.5	60.4	21	12	4.3	21	G3/8	20
HA181012	9.5	61.5	19	10	4.3	18	G1/2	17
HA181212	9.5	63.9	24	12	4.3	21	G1/2	20

HA19 Diritto intermedio



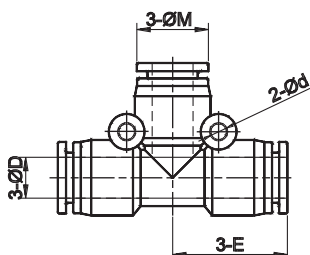
Codice	B	ØD	ØM
HA190400	33	4	10
HA190600	34.6	6	12
HA190604	31	4	13.9
HA190800	38.5	8	14
HA190806	34.6	6	15.9
HA191000	47	10	17
HA191008	39.4	8	19.5
HA191200	48.6	12	20
HA191210	44.2	12	23

HA20 L intermedio



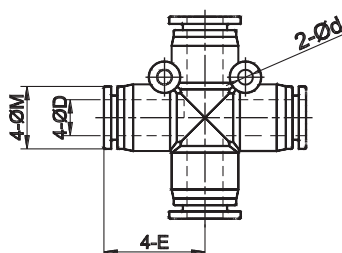
Codice	ØD	Ød	E	ØM
HA200400	4	NO	17.5	10
HA200600	6	3.3	18.7	12
HA200800	8	3.3	22.5	14
HA201000	10	4.3	27.2	17
HA201200	12	4.3	28.9	20

HA21 T intermedio



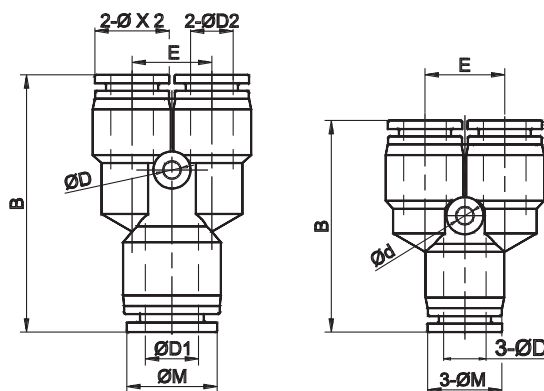
Codice	ØD	Ød	E	ØM
HA210400	4	3.3	18.5	10
HA210600	6	3.3	19	12
HA210800	8	3.3	22.45	14
HA211000	10	4.3	27.9	17
HA211200	12	4.3	29.3	20

HA22 Croce intermedio



Codice	ØD	Ød	E	ØM
HA220400	4	3.3	17.5	10
HA220600	6	3.3	19	12
HA220800	8	3.3	22.5	14
HA221000	10	4.3	27.9	17
HA221200	12	4.3	29.3	20

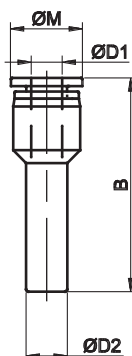
HA23 Y intermedio



Codice	B	ØD	Ød	E	ØM
HA230404	35.5	4	3.3	11	10
HA230606	36.5	6	3.3	13	12
HA230808	39.8	8	3.3	15	14
HA231010	48.9	10	4.3	18	17
HA231212	52.6	12	4.3	21	20

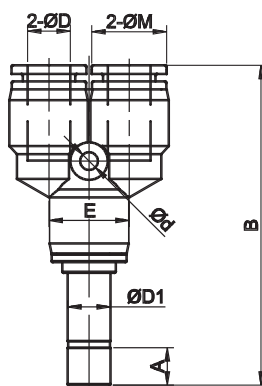
Codice	B	ØD	ØD1	ØD2	E	ØM	X2
HA230604	36	3.3	6	4	11	12	10
HA230806	39.8	3.3	8	6	13	14	12
HA231008	48.4	3.3	10	8	15	17	14
HA231210	51.4	4.3	12	10	18	20	17

HA24 Riduzione



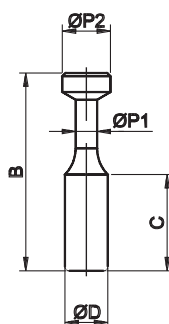
Codice	B	ØD1	ØD2	ØM
HA240406	39.5	4	6	10
HA240408	41.5	4	8	10
HA240608	41.5	6	9	12
HA240610	46.5	6	10	12
HA240810	46.8	8	10	14
HA240812	46.8	8	12	14
HA241012	52.2	10	12	17

HA25 Y intermedio con codolo innestabile



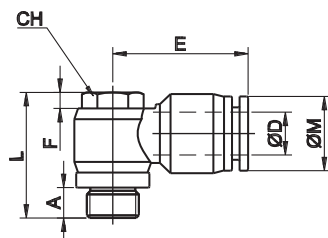
Codice	A	B	Ød	ØD	ØD1	E	ØM
HA250400	5.5	58	3.3	4	4	11	10
HA250600	6.5	61	3.3	6	6	13	12
HA250800	7	66.3	3.3	8	8	15	14
HA251000	7.5	79.1	4.3	10	10	18	17
HA251200	7.5	85.4	4.3	12	12	21	20

HA26 Tappo



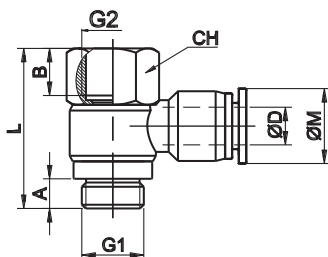
Codice	B	C	ØD	ØP1	ØP2
HA260400	28	15	4	3	5
HA260600	33	17	6	3	7
HA260800	37	18	8	4	9
HA261000	42	20.5	10	5	11
HA261200	44	23	12	6	13

HA27 Gomito girevole maschio cilindrico testa chiave esagonale



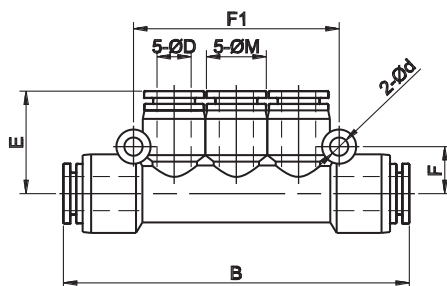
Codice	A	ØD	E	F	G	CH	L	ØM
HA2704M5	3.5	4	20	10	M5	8	17.2	10
HA2706M5	3.5	6	21.7	12	M5	8	17.2	12
HA270418	5.7	4	22.3	3	G1/8	10	23.5	10
HA260618	5.7	6	22.9	3	G1/8	10	23.5	12
HA270818	5.7	8	25.3	3	G1/8	10	23.5	14
HA270614	6.3	6	24.9	4	G1/4	14	26	12
HA270814	6.3	8	28.4	4	G1/4	14	26	14
HA271014	6.3	10	30.2	4	G1/4	14	26	17
HA270838	7.5	8	29.3	4.5	G3/8	19	31.7	14
HA271038	7.5	10	32.5	4.5	G3/8	19	31.7	17
HA271238	7.5	12	35.3	4.5	G3/8	19	31.7	20
HA271012	9.5	10	35.5	5	G1/2	24	36.6	17
HA271212	9.5	12	36.3	5	G1/2	24	36.6	20

HA28 Gomito girevole cilindrico maschio-femmina



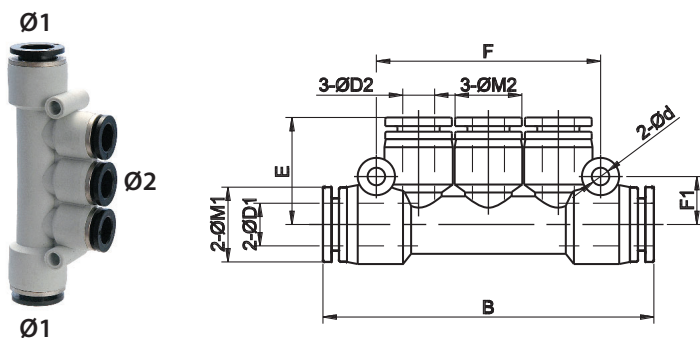
Codice	A	B	CH	ØD	G1	G2	L	ØM
HA2804M5	3.5	5	8	4	M5	M5	19.7	10
HA2806M5	3.5	5	8	6	M5	M5	19.7	12
HA280418	5.7	7	14	4	G1/8	G1/8	29.5	10
HA280618	5.7	7	14	6	G1/8	G1/8	29.5	12
HA280818	5.7	7	14	8	G1/8	G1/8	29.5	14
HA280614	6.3	10	17	6	G1/4	G1/4	34	12
HA280814	6.3	10	17	8	G1/4	G1/4	34	14
HA281014	6.3	10	17	10	G1/4	G1/4	34	17
HA280838	7.5	11	21	8	G3/8	G3/8	40.2	14
HA281038	7.5	11	21	10	G3/8	G3/8	40.2	17
HA281238	7.5	11	21	12	G3/8	G3/8	40.2	20
HA281012	9.5	13	24	10	G1/2	G1/2	45.5	17
HA281212	9.5	13	24	12	G1/2	G1/2	45.5	20

HA29 T triplo laterale



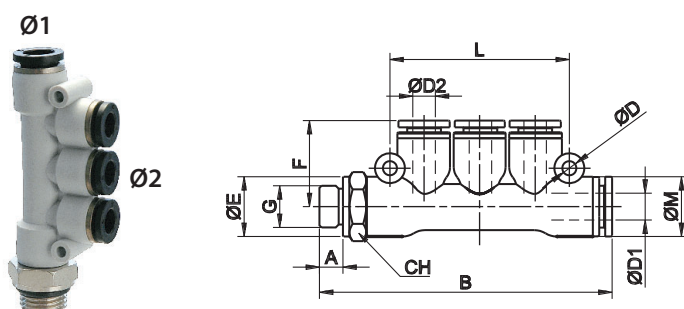
Codice	B	ØD	Ød	E	F	F1	ØM
HA290400	57	4	3.3	19	8	36	10
HA290600	61	6	3.3	24	9	42	12
HA290800	81	8	4.3	24	11	48	14

HA30 T triplo laterale



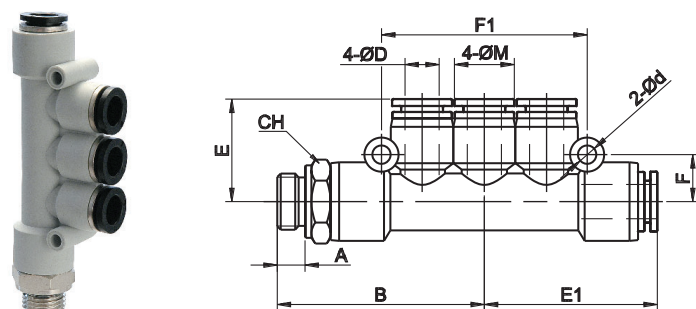
Codice	B	Ød	ØD1	ØD2	E	F	F1	ØM1	ØM2
HA300604	57	3.3	6	4	19	36	8	12	10
HA300804	62	3.3	8	4	20	42	9	14	10
HA300806	62	3.3	8	6	20	42	9	14	12
HA301006	81.8	4.3	10	6	23.5	48	11	17	12
HA301008	81.8	4.3	10	8	23.5	48	11	17	14

HA31 T maschio triplo laterale



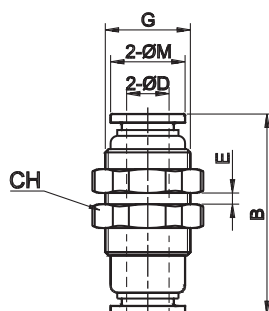
Codice	A	B	CH	ØD	ØD1	ØD2	ØE	F	G	L	ØM
HA314618	5.5	64.1	14	3.3	6	4	14	19	G1/8	36	12
HA314814	6.5	70	17	3.3	8	4	17	20	G1/4	42	14
HA316814	7.5	71.4	17	3.3	8	6	17	20	G1/4	42	14
HA318138	7.5	91.1	20	3.3	10	8	20	24	G3/8	48	17
HA318112	9.5	95.1	24	3.3	10	8	24	24	G1/2	42	17

HA32 T maschio triplo laterale



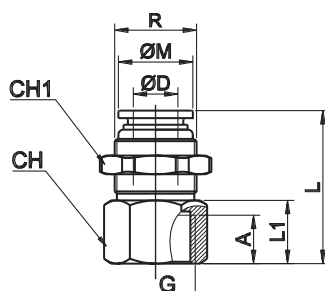
Codice	A	B	CH	ØD	Ød	E	E1	F	F1	G	ØM
HA320418	5.5	35.5	12	4	3.3	19	28.5	8	36	G1/8	10
HA320618	5.5	37.5	14	6	3.3	24	30.5	9	42	G1/8	12
HA320818	5.5	47	14	8	4.3	24	40.5	11	48	G1/8	14
HA320414	6.5	37	12	4	3.3	19	28.5	8	36	G1/4	10
HA320614	6.5	39	14	6	3.3	24	30.5	9	42	G1/4	12
HA320814	6.5	48.5	17	8	4.3	24	40.5	11	48	G1/4	14
HA320638	7.5	50	17	6	4.3	24	40.5	11	48	G3/8	12
HA320838	7.5	50	17	8	4.3	24	40.5	11	48	G3/8	14

HA33 Passaparete



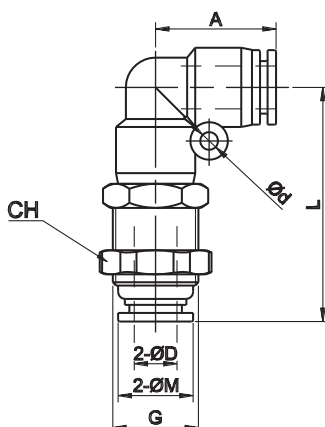
Codice	B	CH	ØD	E	G	ØM
HA330004	31.1	14	4	11.9	M12	10
HA330006	33.4	17	6	10.7	M14	12
HA330008	37.7	19	8	11	M16	14
HA330010	41.8	24	10	13.1	M20	17
HA330012	46.7	27	12	16	M22	20

HA34 Passaparete connessione filettata



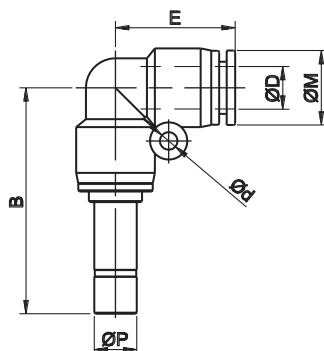
Codice	A	CH	CH1	ØD	G	ØM	L	L1	R
HA340418	8	14	14	4	G1/8	10	23.8	11	M12
HA340618	8	17	17	6	G1/8	12	27	9	M14
HA340818	8	19	19	8	G1/8	14	32.1	10	M16
HA340414	11	17	14	4	G1/4	10	27.3	14	M12
HA340614	11	17	17	6	G1/4	12	30	13	M14
HA340814	11	19	19	8	G1/4	14	35.1	14	M16
HA341014	11	24	24	10	G1/4	17	36	14	M20
HA340838	12	21	19	8	G3/8	14	36.1	15	M16
HA341038	12	24	24	10	G3/8	17	37	15	M20
HA341238	12	24	27	12	G3/8	20	39.1	15	M22
HA341012	14	24	24	10	G1/2	17	38	19	M20
HA341212	14	24	27	12	G1/2	20	41.1	19	M22

HA35 Passaparete raccordo a gomito



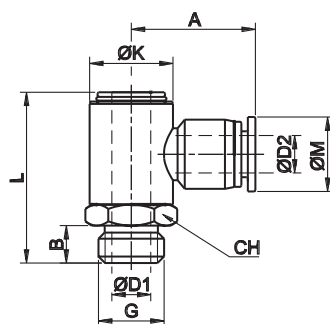
Codice	A	CH	ØD	Ød	G	L	ØM
HA350004	17.5	14	4	3.3	M12	31.3	10
HA350006	18.7	17	6	3.3	M14	37.9	12
HA350008	22.5	19	8	3.3	M16	43.6	14
HA350010	27.2	24	10	4.3	M20	51.2	17
HA350012	29.3	27	12	4.3	M22	56.1	20

HA38 Gomito innestabile



Codice	B	ØD	Ød	E	ØM	P
HA380400	33	4	-	17.5	10	4
HA380600	36.2	6	3.3	18.7	12	6
HA380800	42.5	8	3.3	22.5	14	8
HA381000	50.8	10	4.3	27.2	17	10
HA381200	54.5	12	4.3	29.3	20	12

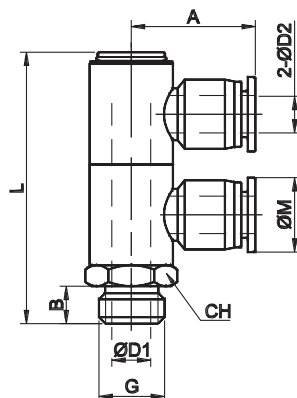
HA41 Gomito girevole cilindrico testa chiave incassata



Codice	A	B	CH	ØD1	ØD2	G	ØK	L	ØM
HA410418	22.5	5.5	14	6	4.2	G1/8	14	28.5	11
HA410618	21.5	5.5	14	6	6.2	G1/8	14	28.5	13
HA410818	24.5	5.5	14	6	8.2	G1/8	14	28.5	14.8
HA410414	24.5	6.5	17	8.3	4.2	G1/4	17.8	36.5	11
HA410614	23.5	6.5	17	8.3	6.2	G1/4	17.8	36.5	13
HA410814	26.4	6.5	17	8.3	8.2	G1/4	17.8	36.5	14.8
HA411014	29.9	6.5	17	8.3	10.2	G1/4	17.8	36.5	18.4
HA411214	30.8	6.5	17	8.3	12.3	G1/4	17.8	36.5	21
HA410438	32	9	17	11.5	4.2	G3/8	21.9	39.2	11
HA410638	32	9	17	11.5	6.2	G3/8	21.9	39.2	13
HA410838	28.4	7.5	20	11.5	8.2	G3/8	21.9	39.2	14.8
HA411038	31.9	7.5	20	11.5	10.2	G3/8	21.9	39.2	18.4
HA411238	32.8	7.5	20	11.5	12.3	G3/8	21.9	39.2	21
HA410812	28.5	9.5	24	14	8.2	G1/2	27.1	42.7	14.8
HA411012	34.5	9.5	24	14	10.2	G1/2	27.1	42.7	18.4
HA411212	35.4	9.5	24	14	12.3	G1/2	27.1	42.7	21

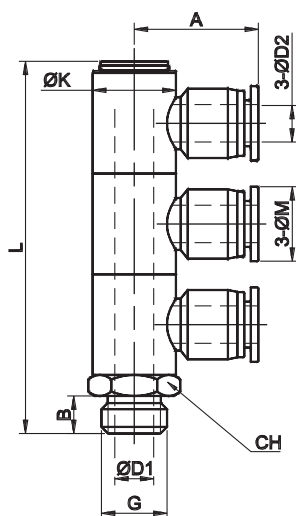
5

HA42 Asta doppia anello singolo testa chiave incassata cilindrico



Codice	A	B	CH	ØD1	ØD2	G	ØK	L	ØM
HA420418	22.5	5.5	14	6	4.2	G1/8	14	43.8	11
HA420618	21.5	5.5	14	6	6.2	G1/8	14	43.8	13
HA420818	24.5	5.5	14	6	8.2	G1/8	14	43.8	14.8
HA420414	24.5	6.5	17	8.3	4.2	G1/4	17.8	58	11
HA420614	23.5	6.5	17	8.3	6.2	G1/4	17.8	58	13
HA420814	26.4	6.5	17	8.3	8.2	G1/4	17.8	58	14.8
HA421014	29.9	6.5	17	8.3	10.2	G1/4	17.8	58	18.4
HA421214	30.8	6.5	17	8.3	12.3	G1/4	17.8	58	21
HA420438	24.5	7.5	20	11.5	4.2	G3/8	21.9	60.7	11
HA420638	26.4	7.5	20	11.5	6.2	G3/8	21.9	60.7	13
HA420838	28.4	7.5	20	11.5	8.2	G3/8	21.9	60.7	14.8
HA421038	31.9	7.5	20	11.5	10.2	G3/8	21.9	60.7	18.4
HA421238	32.8	7.5	20	11.5	12.3	G3/8	21.9	60.7	21
HA420812	28.5	9.5	24	14	8.2	G1/2	27.1	64.2	14.8
HA421012	34.5	9.5	24	14	10.2	G1/2	27.1	64.2	18.4
HA421212	35.4	9.5	24	14	12.3	G1/2	27.1	64.2	21

HA43 Asta tripla anello singolo testa chiave incassata cilindrico



Codice	A	B	CH	ØD1	ØD2	G	ØK	L	ØM
HA430418	22.5	5.5	14	6	4.2	G1/8	14	59.1	11
HA430618	21.5	5.5	14	6	6.2	G1/8	14	59.1	13
HA430818	24.5	5.5	14	6	8.2	G1/8	14	59.1	14.8
HA430414	24.5	6.5	17	8.3	4.2	G1/4	17.8	79.5	11
HA430614	23.5	6.5	17	8.3	6.2	G1/4	17.8	79.5	13
HA430814	26.4	6.5	17	8.3	8.2	G1/4	17.8	79.5	14.8
HA431014	29.9	6.5	17	8.3	10.2	G1/4	17.8	79.5	18.4
HA431214	30.8	6.5	17	8.3	12.3	G1/4	17.8	79.5	21
HA430438	24.5	7.5	20	11.5	4.2	G3/8	21.9	82.2	11
HA430638	26.4	7.5	20	11.5	6.2	G3/8	21.9	82.2	13
HA430838	28.4	7.5	20	11.5	8.2	G3/8	21.9	82.2	14.8
HA431038	31.9	7.5	20	11.5	10.2	G3/8	21.9	82.2	18.4
HA431238	32.8	7.5	20	11.5	12.3	G3/8	21.9	82.2	21
HA430812	28.5	9.5	24	14	8.2	G1/2	27.1	85.7	14.8
HA431012	34.5	9.5	24	14	10.2	G1/2	27.1	85.7	18.4
HA431212	36.4	9.5	24	14	12.3	G1/2	27.1	85.7	21

■ Filettatura conica
preteflonata
(disponibile su richiesta
per tutti i modelli HA)



HAR

Raccordi ingombro ridotto

I raccordi ad innesto rapido consentono una veloce connessione dell'impianto ottimizzando gli spazi, nonchè facilitano le operazioni di manutenzione o sostituzione degli impianti.



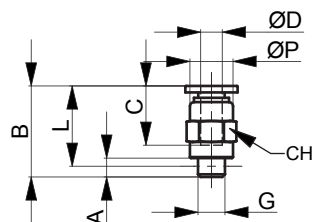
CARATTERISTICHE TECNICHE

Temperatura	0 ÷ 60 °C
Fluido	aria compressa, vuoto
Pressione di lavoro	-0,99 ÷ 10 bar
Applicazioni	circuiti pneumatici
Tubi di collegamento consigliati	poliammide PA 10.12, poliuretano Sh.A98 co-poliuretano Sh.55D

CARATTERISTICHE COSTRUTTIVE

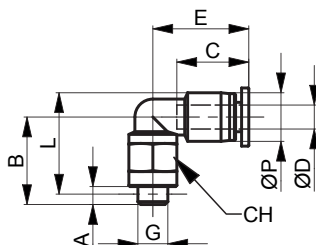
Corpo	tecnopolimero
Elemento di fissaggio	ottone nichelato con O-ring in NBR
Pinza di aggraffaggio	acciaio inox
Anello di sgancio	tecnopolimero

HAR04 T Dritto maschio mini



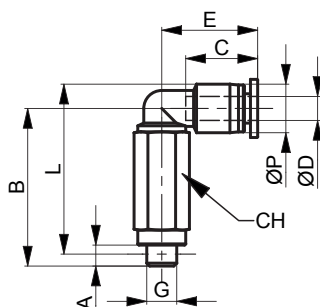
Codice	ØD	G	A	B	L	ØP	C	CH
HAR0403M3	3	M3x0.5	3.0	14.6	13.5	5.5	10.6	5.5
HAR0404M3	4	M3x0.5	3.0	16.4	15.6	8.0	11	8.0
HAR0404M5	4	M5x0.8	3.5	16.9	15.6	8.0	11	8.0

HAR10B Gomito girevole maschio mini



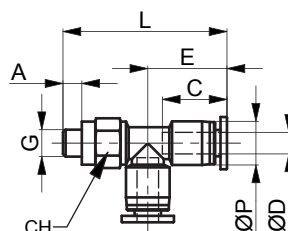
Codice	ØD	G	A	B	L	ØP	C	E	CH
HAR10B03M3	3	M3x0.5	3.0	12.7	14.3	6.2	9.3	11.1	5.5
HAR10B04M3	4	M3x0.5	3.0	13.6	16.6	8.1	12	16	8.0
HAR10B04M5	4	M5x0.8	3.5	15.6	17.4	8.1	12	16	8.0

HAR12B Gomito girevole maschio prolungato mini



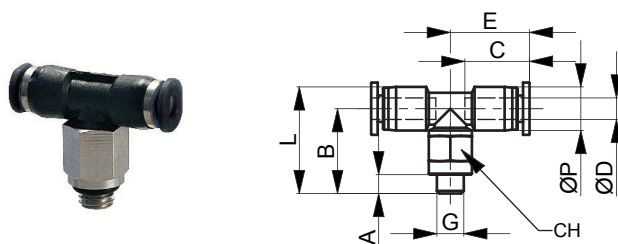
Codice	ØD	G	A	B	L	ØP	C	E	CH
HAR12B03M3	3	M3x0.5	3.0	12.8	14.7	6.2	9.3	11.4	5.5
HAR12B04M3	4	M3x0.5	3.0	15.3	17.8	8.1	12	14.7	8.0
HAR12B04M5	4	M5x0.8	3.5	15.8	18.3	8.1	12	14.7	8.0

HAR14B T laterale basso maschio mini



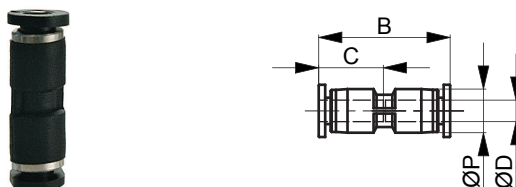
Codice	ØD	G	A	ØP	E	C	L	CH
HAR14B03M3	3	M3x0.5	3.0	6.2	11.4	9.3	24.1	5.5
HAR14B04M3	4	M3x0.5	3.0	8.1	14.7	12	31	8
HAR14B04M5	4	M5x0.8	3.5	8.1	14.7	12	31.5	8

HAR16B T centrale basso maschio mini



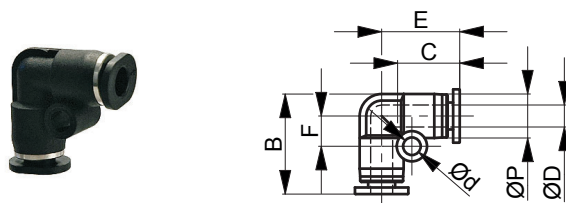
Codice	ØD	G	A	ØP	E	C	L	B	CH
HAR16B03M3	3	M3x0.5	3.0	6.2	11.4	9.3	14.7	12.8	5.5
HAR16B04M3	4	M3x0.5	3.0	8.1	14.7	12	17.8	15.3	8.0
HAR16B04M5	4	M5x0.8	3.5	8.1	14.7	12	18.3	15.8	8.0

HAR19 Dritto intermedio mini



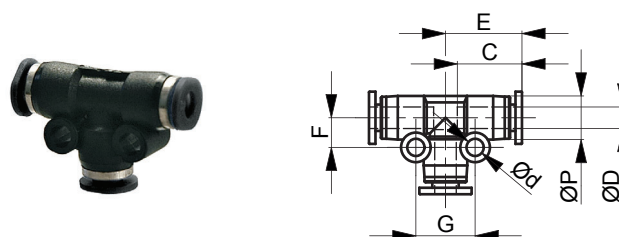
Codice	ØD	B	ØP	C
HAR190300	3	19.8	6.2	9.3
HAR190400	4	25.2	8.1	12

HAR20 Gomito intermedio mini



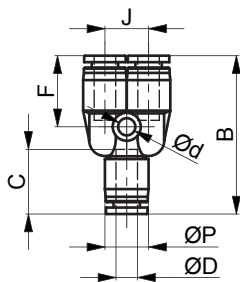
Codice	ØD	B	ØP	C	E	Ød	F
HAR200300	3	14.5	6.2	9.3	11.4	3.2	4.7
HAR200400	4	18.3	8.1	12	14.2	3.2	6.0

HAR21 T intermedio mini



Codice	ØD	ØP	C	E	Ød	F	G
HAR210300	3	6.2	9.3	11.4	3.2	4.2	11
HAR210400	4	8.1	12	14.2	3.2	6.0	11

HAR23 Y intermedio mini



Codice	ØD	Ød	B	ØP	C	J	F
HAR230300	3	3.2	28.8	8.1	9.3	8.1	12.9
HAR230400	4	3.2	29.4	8.1	12	8.1	13.2