

HGC

Push-on Fittings

Push-on fittings are particularly suitable for plastic pipes assembly in pneumatic installations, especially where there may be vibrations or extreme climatic conditions (which lead over time to changes in the characteristics of tubes). The connection of the pipe to the fittings is done by tightening a ring nut that makes it safe and reliable over time.



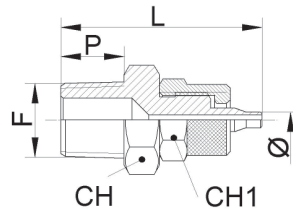
TECHNICAL CHARACTERISTICS

Temperature	-15 ÷ 80 °C
Fluid	compressed air, vacuum, liquid
Max pressure	16 bar
Working pressure	-0,99 ÷ 10 bar
Application fields	pneumatic circuits
Recommended hoses	polyamide PA 10.12, polyurethane Sh.A98 co-polyurethane Sh.55D

CONSTRUCTIVE CHARACTERISTICS

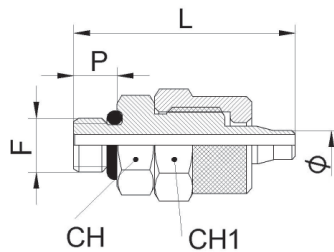
Body	nickel-plated brass
Nut	nickel-plated brass
Seal	NBR

HGC03 Male straight taper thread



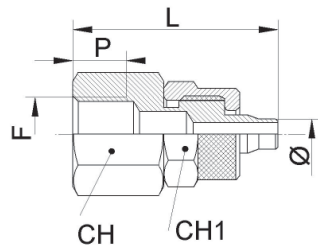
Part No.	CH	CH1	F	L	P	Ø
HGC030418	12	9	R1/8	25,5	8	4/2
HGC030518	12	9	R1/8	26	8	5/3
HGC030618	12	12	R1/8	27	8	6/4
HGC030818	12	14	R1/8	28	8	3/6
HGC031018	14	16	R1/8	30	8	10/8
HGC030614	14	12	R1/4	31	11	6/4
HGC030814	14	14	R1/4	32	11	8/6
HGC031014	14	16	R1/4	33	11	10/8
HGC030638	17	12	R3/8	32	11	6/4
HGC030838	17	14	R3/8	33	11	8/6
HGC031038	17	16	R3/8	34	11	10/8
HGC031238	17	19	R3/8	36,5	11	12/10
HGC030812	22	14	R1/2	38	14	8/6
HGC031012	22	16	R1/2	38	14	10/8
HGC031212	22	19	R1/2	38	14	12/10
HGC031512	22	24	R1/2	41	14	15/12,5

HGC04 Male straight parallel thread with O-Ring



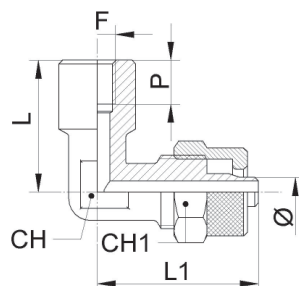
Part No.	CH	CH1	F	L	P	Ø
HGC0404M5	8	9	M5	20	4	4/2,7
HGC0405M5	8	9	M5	20,5	4	5/3
HGC0406M5	8	9	M5	21,5	4	6/4
HGC040418	14	9	G1/8	23,5	6	4/2,7
HGC040618	14	12	G1/8	25	6	6/4
HGC040818	14	14	G1/8	26	6	8/6
HGC041018	14	16	G1/8	27,5	6	10/8
HGC040614	17	12	G1/4	28	8	6/4
HGC040814	17	14	G1/4	29	8	8/6
HGC041014	17	16	G1/4	30,5	8	10/8
HGC040838	19	14	G3/8	30,5	9	8/6
HGC041038	19	16	G3/8	32	9	10/8
HGC041238	19	19	G3/8	32,5	9	12/10
HGC041012	24	16	G1/2	33,5	10	10/8
HGC041212	24	19	G1/2	34,5	10	12/10

HGC07 Female straight



Part No.	CH	CH1	F	L	P	Ø
HGC070618	14	12	G1/8	27	8	6/4
HGC070818	14	14	G1/8	28	8	8/6
HGC070614	17	12	G1/4	30	10	6/4
HGC070814	17	14	G1/4	31	10	8/6
HGC071014	17	16	G1/4	32,5	10	10/8
HGC070838	20	14	G3/8	32,5	11,5	8/6
HGC071038	20	16	G3/8	34	11,5	10/8
HGC071238	20	19	G3/8	35	11,5	12/10

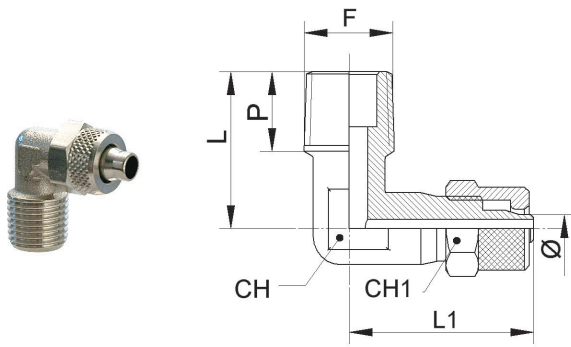
HGC08 Female elbow



Part No.	CH	CH1	F	L	L1	P	Ø
HGC080618	10	12	G1/8	21	23	8	6/4
HGC080614	11	12	G1/4	24	24	10	6/4
HGC080818	10	14	G1/8	21	23	8	8/6
HGC080814	11	14	G1/4	24	26	10	8/6
HGC080838	17	14	G3/8	29	29	11,5	8/6
HGC081014	11	16	G1/4	24	25	10	10/8
HGC081038	17	16	G3/8	28,5	29,5	11	10/8
HGC081238	17	19	G3/8	29,5	29,5	11	12/10

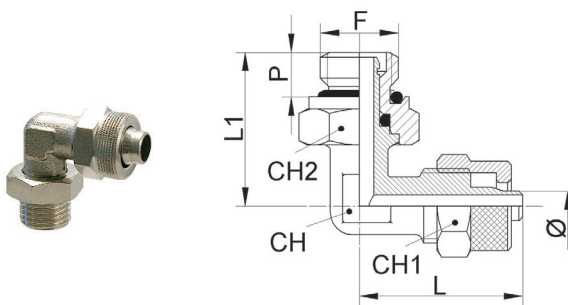
5

HGC09 Taper elbow connection male



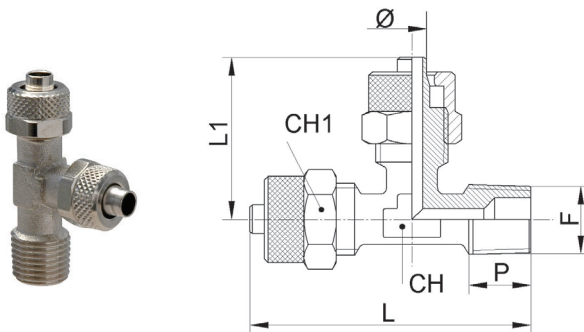
Part No.	CH	CH1	F	L	L1	P	Ø
HGC090418	9	9	R1/8	17	20	8	4/2
HGC090518	9	9	R1/8	17	20	8	5/3
HGC090618	9	12	R1/8	17	22	8	6/4
HGC090818	10	14	R1/8	19,5	24	8	8/6
HGC091018	11	16	R1/8	20,5	25,5	8	10/8
HGC090614	10	12	R1/4	21	23,5	11	6/4
HGC090814	10	14	R1/4	21	24	11	8/6
HGC091014	11	16	R1/4	22	26	11	10/8
HGC090638	11	12	R3/8	22	25,5	11	6/4
HGC090838	11	14	R3/8	22	25,5	11	8/6
HGC091038	11	16	R3/8	22	26	11	10/8
HGC091238	13	19	R3/8	24	28,5	11	12/10
HGC090812	10	14	R1/2	19,5	24	8	8/6
HGC091012	17	14	R1/2	29	30	14	10/8
HGC091212	17	19	R1/2	29	30	18	12/10
HGC091512	17	24	R1/2	29	36	14	15/12,5

HGC10 Swivel elbow with OR



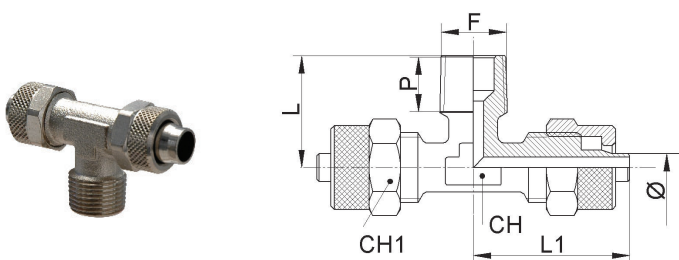
Part No.	CH	CH1	CH2	F	L	L1	P	Ø
HGC100618	9	12	14	G1/8	22	23	6	6/4
HGC100818	10	14	14	G1/8	24	30	6	8/6
HGC100614	10	12	17	G1/4	24	27	8	6/4
HGC100814	10	14	17	G1/4	24	30	8	8/6
HGC101014	11	16	17	G1/4	26	31	8	10/8
HGC100838	10	14	19	G3/8	24	31	9	8/6
HGC101038	11	16	19	G3/8	26	31	9	10/8
HGC101238	13	19	19	G3/8	28,5	31	9	12/10

HGC14 Male lateral Tee taper thread



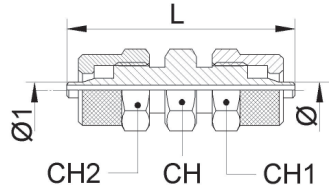
Part No.	CH	CH1	F	L	L1	P	Ø
HGC140618	8	12	R1/8	33	22,5	8	6/4
HGC140614	10	12	R1/4	43	22,5	11	6/4
HGC140818	10	14	R1/8	32	25	8	8/6
HGC140814	10	14	R1/4	43	25	11	8/6
HGC140838	11	14	R3/8	48	25	11	8/6
HGC141014	11	16	R1/4	48	25	11	10/8
HGC141038	11	12	R3/8	23,5	22	11	10/8
HGC141012	17	16	R1/2	56	28	14	10/8
HGC141238	11	19	R3/8	50,5	28,5	11	12/10
HGC141212	17	19	R1/2	64	32	14	12/10
HGC141512	17	24	R1/2	54	35	14	15/12,5

HGC16 Male central Tee taper thread



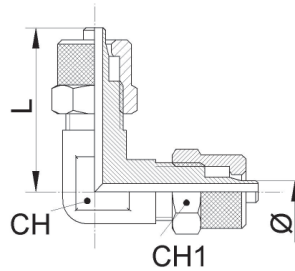
Part No.	CH	CH1	F	L	L1	P	Ø
HGC160618	8	12	R1/8	16	22,5	8	6/4
HGC160614	10	12	R1/4	21	22,5	11	6/4
HGC160818	10	14	R1/8	19,5	23	8	8/6
HGC160814	10	14	R1/4	21	23	11	8/6
HGC160838	11	14	R3/8	11	23,5	11	8/6
HGC161014	11	16	R1/4	23	26	11	10/8
HGC161038	11	16	R3/8	23	26,5	11	10/8
HGC161012	17	16	R1/2	30	29	14	10/8
HGC161238	11	19	R3/8	23	26,5	11	12/10
HGC161212	17	19	R1/2	30	30	14	12/10
HGC161512	17	24	R1/2	28	36	14	15/12,5

HGC19 Intermediate straight



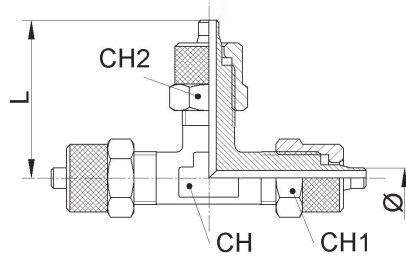
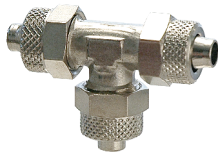
Part No.	CH	CH1	CH2	L	Ø	Ø1
HGC190600	12	12	12	35	6/4	6/4
HGC190800	12	14	14	37	8/6	8/6
HGC191000	14	16	16	40	10/8	10/8
HGC191200	17	19	19	38	12/10	12/10
HGC191500	22	24	24	48	15/12,5	15/12,5

HGC20 Intermediate elbow



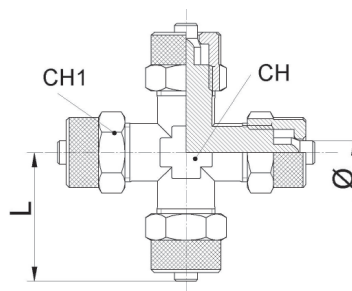
Part No.	CH	CH1	L	Ø
HGC200400	9	9	20	4/27
HGC200600	9	12	18,5	6/4
HGC200800	10	14	22,5	8/6
HGC201000	11	16	24	10/8
HGC201200	13	19	27,5	12/10
HGC201500	17	24	35	15/12,5

HGC21 Intermediate Tee



Part No.	CH	CH1	L	Ø
HGC210400	8	9	22,0	4/2
HGC210600	8	12	25,5	6/4
HGC210800	10	14	23,0	8/6
HGC211000	11	16	25,5	10/8
HGC211200	11	19	28,5	12/10
HGC211500	17	24	35,0	15/12,5

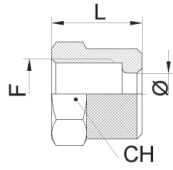
HGC22 Intermediate cross



Part No.	Ø	L	CH	CH1
HGC220600	6/4	22,5	10	12
HGC220800	8/6	22,5	10	14
HGC221000	10/8	25,5	10	16

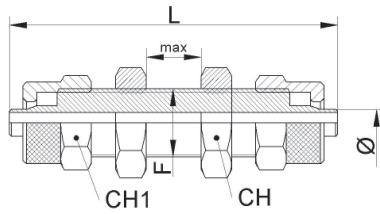
5

HGC30 Nut



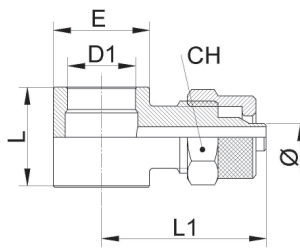
Part No.	CH	F	L	Ø
HGC300400	9	M7x0,75	9	4/2
HGC300600	9	M10x1	9	6/4
HGC300800	14	M12x1	11	8/6
HGC301000	16	M14x1	11,5	10/8
HGC301200	19	M16x1	13,5	12/10
HGC301500	24	M20x1	15,5	15/12,5

HGC33 Intermediate straight bulkhead connector



Part No.	CH	CH1	F	L	Ø	max
HGC330610	14	12	M10x1	48	6/4	12
HGC330812	17	14	M12x1	50	8/6	12
HGC331014	17	16	M14x1	51	10/8	10
HGC331216	19	19	M16x1	52	12/10	10
HGC331520	24	24	M20x1	56	15/12,5	10

HGC40 Single banjo



Part No.	CH	D1	E	L	L1	Ø
HGC4004M5	9	5,1	9,0	9,0	19,5	4/2
HGC4005M5	9	5,1	9,0	9,0	19,5	5/3
HGC4006M5	9	5,1	9,0	9,0	19,5	6/4
HGC400618	12	9,9	14,0	14,5	24,0	6/4
HGC400818	14	9,9	14,0	14,5	24,0	8/6
HGC400614	12	13,3	18,0	14,5	26,0	6/4
HGC400814	14	13,3	18,0	14,5	27,0	8/4
HGC401014	16	13,3	18,0	14,5	28,0	10/8
HGC400838	14	16,6	18,0	14,5	27,5	8/6
HGC401038	14	16,6	21,0	14,5	29,0	10/8

Bolt to be used: HD42 - HD43 - HD44