

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.



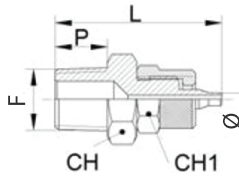
TECHNICAL CHARACTERISTICS

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

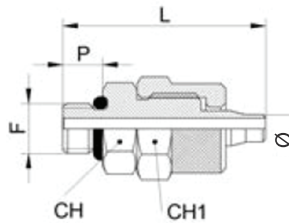
Body	nickel-plated brass
Nut	nickel-plated brass
Seal	NBR

HGC03 Male straight taper thread



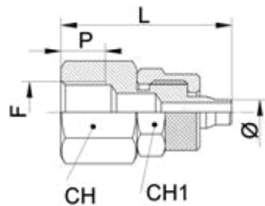
Part No.	Ø	F	P	L	CH	CH1
HGC030418	4/2	R1/8	8,0	25,5	12	9
HGC030518	5/3	R1/8	8,0	26,0	12	9
HGC030618	6/4	R1/8	8,0	27,0	12	12
HGC030818	3/6	R1/8	8,0	28,0	12	14
HGC031018	10/8	R1/8	8,0	30,0	14	16
HGC030614	6/4	R1/4	11,0	31,0	14	12
HGC030814	8/6	R1/4	11,0	32,0	14	14
HGC031014	10/8	R1/4	11,0	33,0	14	16
HGC030638	6/4	R3/8	11,0	32,0	17	12
HGC030838	8/6	R3/8	11,0	33,0	17	14
HGC031038	10/8	R3/8	11,0	34,0	17	16
HGC031238	12/10	R3/8	11,0	36,5	17	19
HGC030812	8/6	R1/2	14,0	38,0	22	14
HGC031012	10/8	R1/2	14,0	38,0	22	16
HGC031212	12/10	R1/2	14,0	38,0	22	19
HGC031512	15/12,5	R1/2	14,0	41,0	22	24

HGC04 Male straight parallel thread with O-Ring



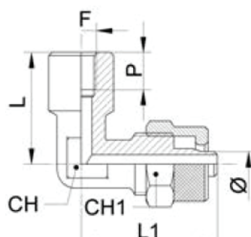
Part No.	Ø	F	P	L	CH	CH1
HGC0404M5	4/2,7	M5	4,0	20,0	8	9
HGC0405M5	5/3	M5	4,0	20,5	8	9
HGC0406M5	6/4	M5	4,0	21,5	8	9
HGC040418	4/2,7	G1/8	6,0	23,5	14	9
HGC040618	6/4	G1/8	6,0	25,0	14	12
HGC040818	8/6	G1/8	6,0	26,0	14	14
HGC041018	10/8	G1/8	6,0	27,5	14	16
HGC040614	6/4	G1/4	8,0	28,0	17	12
HGC040814	8/6	G1/4	8,0	29,0	17	14
HGC041014	10/8	G1/4	8,0	30,5	17	16
HGC040838	8/6	G3/8	9,0	30,5	19	14
HGC041038	10/8	G3/8	9,0	32,0	19	16
HGC041238	12/10	G3/8	9,0	32,5	19	19
HGC041012	10/8	G1/2	10,0	33,5	24	16
HGC041212	12/10	G1/2	10,0	34,5	24	19

HGC07 Female straight



Part No.	Ø	F	P	L	CH	CH1
HGC070618	6/4	G1/8	8,0	27,0	14	12
HGC070818	8/6	G1/8	8,0	28,0	14	14
HGC070614	6/4	G1/4	10,0	30,0	17	12
HGC070814	8/6	G1/4	10,0	31,0	17	14
HGC071014	10/8	G1/4	10,0	32,5	17	16
HGC070838	8/6	G3/8	11,5	32,5	20	14
HGC071038	10/8	G3/8	11,5	34,0	20	16
HGC071238	12/10	G3/8	11,5	35,0	20	19

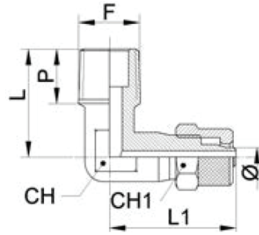
HGC08 Female elbow



Part No.	Ø	F	P	L	L1	CH	CH1
HGC080618	6/4	G1/8	8,0	21,0	23,0	10	12
HGC080614	6/4	G1/4	10,0	24,0	24,0	11	12
HGC080818	8/6	G1/8	8,0	21,0	23,0	10	14
HGC080814	8/6	G1/4	10,0	24,0	26,0	11	14
HGC080838	8/6	G3/8	11,5	29,0	29,0	17	14
HGC081014	10/8	G1/4	10,0	24,0	25,0	11	16
HGC081038	10/8	G3/8	11,0	28,5	29,5	17	16
HGC081238	12/10	G3/8	11,0	29,5	29,5	17	19

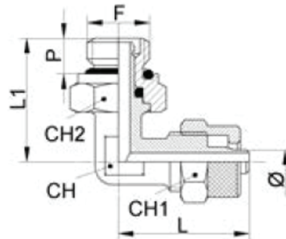
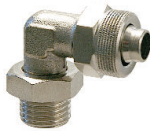
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HGC09 Taper elbow connection male



Part No.	Ø	F	P	L	L1	CH	CH1
HGC090418	4/2	R1/8	8,0	17,0	20,0	9	9
HGC090518	5/3	R1/8	8,0	17,0	20,0	9	9
HGC090618	6/4	R1/8	8,0	17,0	22,0	9	12
HGC090818	8/6	R1/8	8,0	19,5	24,0	10	14
HGC091018	10/8	R1/8	8,0	20,5	25,5	11	16
HGC090614	6/4	R1/4	11,0	21,0	23,5	10	12
HGC090814	8/6	R1/4	11,0	21,0	24,0	10	14
HGC091014	10/8	R1/4	11,0	22,0	26,0	11	16
HGC090638	6/4	R3/8	11,0	22,0	25,5	11	12
HGC090838	8/6	R3/8	11,0	22,0	25,5	11	14
HGC091038	10/8	R3/8	11,0	22,0	26,0	11	16
HGC091238	12/10	R3/8	11,0	24,0	28,5	13	19
HGC090812	8/6	R1/2	8,0	19,5	24,0	10	14
HGC091012	10/8	R1/2	14,0	29,0	30,0	17	14
HGC091212	12/10	R1/2	18,0	29,0	30,0	17	19
HGC091512	15/12,5	R1/2	14,0	29,0	36,0	17	24

HGC10 Swivel elbow with OR



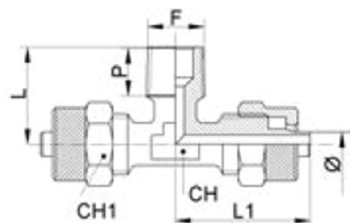
Part No.	Ø	F	P	L	L1	CH	CH1	CH2
HGC100618	6/4	G1/8	6,0	22,0	23,0	9	12	14
HGC100818	8/6	G1/8	6,0	24,0	30,0	10	14	14
HGC100614	6/4	G1/4	8,0	24,0	27,0	10	12	17
HGC100814	8/6	G1/4	8,0	24,0	30,0	10	14	17
HGC101014	10/8	G1/4	8,0	26,0	31,0	11	16	17
HGC100838	8/6	G3/8	9,0	24,0	31,0	10	14	19
HGC101038	10/8	G3/8	9,0	26,0	31,0	11	16	19
HGC101238	12/10	G3/8	9,0	28,5	31,0	13	19	19

HGC14 Male lateral Tee taper thread



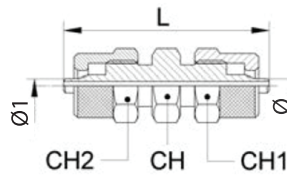
Part No.	Ø	F	P	L	L1	CH	CH1
HGC140618	6/4	R1/8	8,0	33,0	22,5	8	12
HGC140614	6/4	R1/4	11,0	43,0	22,5	10	12
HGC140818	8/6	R1/8	8,0	32,0	25,0	10	14
HGC140814	8/6	R1/4	11,0	43,0	25,0	10	14
HGC140838	8/6	R3/8	11,0	48,0	25,0	11	14
HGC141014	10/8	R1/4	11,0	48,0	25,0	11	16
HGC141038	10/8	R3/8	11,0	23,5	22,0	11	12
HGC141012	10/8	R1/2	14,0	56,0	28,0	17	16
HGC141238	12/10	R3/8	11,0	50,5	28,5	11	19
HGC141212	12/10	R1/2	14,0	64,0	32,0	17	19
HGC141512	15/12,5	R1/2	14,0	54,0	35,0	17	24

HGC16 Male central Tee taper thread



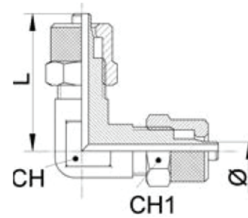
Part No.	Ø	F	P	L	L1	CH	CH1
HGC160618	6/4	R1/8	8,0	16,0	22,5	8	12
HGC160614	6/4	R1/4	11,0	21,0	22,5	10	12
HGC160818	8/6	R1/8	8,0	19,5	23,0	10	14
HGC160814	8/6	R1/4	11,0	21,0	23,0	10	14
HGC160838	8/6	R3/8	11,0	11,0	23,5	11	14
HGC161014	10/8	R1/4	11,0	23,0	26,0	11	16
HGC161038	10/8	R3/8	11,0	23,0	26,5	11	16
HGC161012	10/8	R1/2	14,0	30,0	29,0	17	16
HGC161238	12/10	R3/8	11,0	23,0	26,5	11	19
HGC161212	12/10	R1/2	14,0	30,0	30,0	17	19
HGC161512	15/12,5	R1/2	14,0	28,0	36,0	17	24

HGC19 Intermediate straight



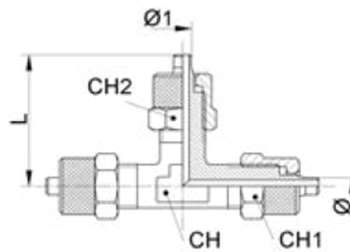
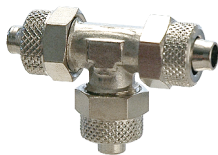
Part No.	Ø	Ø1	L	CH	CH1	CH2
HGC190600	6/4	6/4	35,0	12	12	12
HGC190800	8/6	8/6	37,0	12	14	14
HGC191000	10/8	10/8	40,0	14	16	16
HGC191200	12/10	12/10	38,0	17	19	19
HGC191500	15/12,5	15/12,5	48,0	22	24	24

HGC20 Intermediate elbow



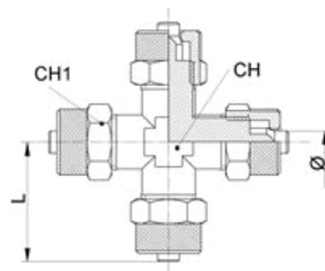
Part No.	Ø	L	CH	CH1
HGC200400	4/27	20	9	9
HGC200600	6/4	18,5	9	12
HGC200800	8/6	22,5	10	14
HGC201000	10/8	24	11	16
HGC201200	12/10	27,5	13	19
HGC201500	15/12,5	35	17	24

HGC21 Intermediate Tee



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

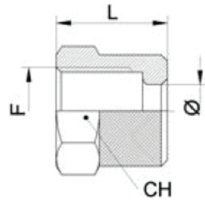
HGC22 Intermediate cross



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

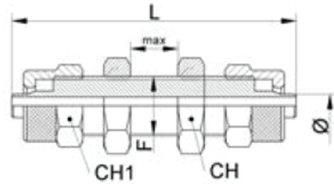
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HGC30 Nut



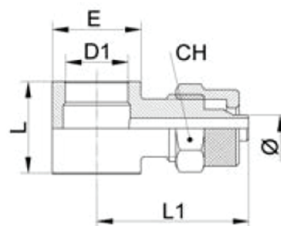
Part No.	Ø	F	L	CH
HGC300400	4/2	M7x0,75	9,0	9
HGC300600	6/4	M10x1	9,0	9
HGC300800	8/6	M12x1	11,0	14
HGC301000	10/8	M14x1	11,5	16
HGC301200	12/10	M16x1	13,5	19
HGC301500	15/12,5	M20x1	15,5	24

HGC33 Intermediate straight bulkhead connector



Part No.	Ø	F	L	CH	CH1	MAX
HGC330610	6/4	M10x1	48,0	14	12	12,0
HGC330812	8/6	M12x1	50,0	17	14	12,0
HGC331014	10/8	M14x1	51,0	17	16	10,0
HGC331216	12/10	M16x1	52,0	19	19	10,0
HGC331520	15/12,5	M20x1	56,0	24	24	10,0

HGC40 Single banjo



Part No.	Ø	F	L	L1	CH	D1	E
HGC4004M5	4/2	M5	9,0	19,5	9	5,1	9,0
HGC4005M5	5/3	M5	9,0	19,5	9	5,1	9,0
HGC4006M5	6/4	M5	9,0	19,5	9	5,1	9,0
HGC400618	6/4	G1/8	14,5	24,0	12	9,9	14,0
HGC400818	8/6	G1/8	14,5	24,0	14	9,9	14,0
HGC400614	6/4	G1/4	14,5	26,0	12	13,3	18,0
HGC400814	8/4	G1/4	14,5	27,0	14	13,3	18,0
HGC401014	10/8	G1/4	14,5	28,0	16	13,3	18,0
HGC400838	8/6	G3/8	14,5	27,5	14	16,6	18,0
HGC401038	10/8	G3/8	14,5	29,0	14	16,6	21,0

Bolt to be used: HD42 - HD43 - HD44

