

HGO

Olive Compression Fittings

Olive compression fittings are thus defined as embraces tube is tightened on the fitting by compression of a sharp ogive that embrace the tube.
 Olive compression fittings are suitable for stiff tubes assembly (made of copper, brass, etc.); in case of use of plastic tubes it is necessary a specific reinforcement (part number HGO32), which must be inserted inside the tube until it reaches the support.



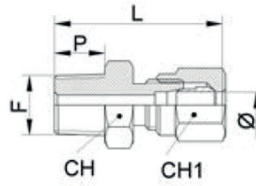
TECHNICAL CHARACTERISTICS

Temperature	-15 ÷ 80 °C
Fluid	compressed air, water, oil
Working pressure	130 bar (Ø4), 180 bar (Ø6), 150 bar (Ø8), 110 bar (Ø10) 75 bar (Ø12), 70 bar (Ø15)
Application fields	pneumatic circuits
Recommended hoses	copper alloy, brass, stainless steel, aluminium, plastic (reinforcing core)

CONSTRUCTIVE CHARACTERISTICS

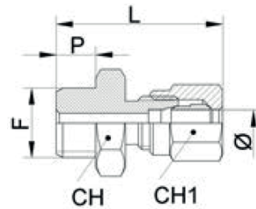
Body	nickel-plated brass
Nut	nickel-plated brass
Seal	NBR

HGO03 Male straight taper thread



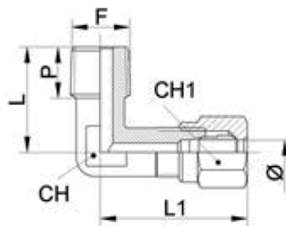
Part No.	Ø	F	P	L	CH	CH1
HGO030418	4	R1/8	8,0	27,5	12	10
HGO030618	6	R1/8	8,0	27,5	12	12
HGO030818	8	R1/8	8,0	31,0	12	14
HGO030614	6	R1/4	11,0	31,5	14	12
HGO030814	8	R1/4	11,0	33,0	14	14
HGO031014	10	R1/4	11,0	33,0	14	17
HGO030838	8	R3/8	11,0	34,0	17	14
HGO031038	10	R3/8	11,0	33,5	17	17
HGO031238	12	R3/8	11,0	33,5	17	19
HGO031212	12	R1/2	14,0	36,5	22	19
HGO031512	15	R1/2	14,0	41,0	22	24

HGO04 Male straight parallel thread



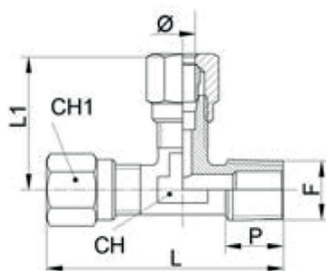
Part No.	Ø	F	P	L	CH	CH1
HGO040418	4	G1/8	6,0	25,5	14	10
HGO040618	6	G1/8	6,0	25,5	14	12
HGO040818	8	G1/8	6,0	29,0	14	14
HGO040614	6	G1/4	8,0	28,5	17	12
HGO040814	8	G1/4	8,0	30,0	17	14
HGO041014	10	G1/4	8,0	30,0	17	17
HGO040838	8	G3/8	9,0	31,0	19	14
HGO041038	10	G3/8	9,0	31,5	19	17

HGO09 Male elbow taper thread



Part No.	Ø	F	P	L	L1	CH	CH1
HGO090418	4	R1/8	8,0	18,0	24,0	9	10
HGO090618	6	R1/8	8,5	17,0	24,5	9	13
HGO090818	8	R1/8	8,0	18,0	25,5	10	14
HGO090614	6	R1/4	11,0	20,0	24,0	10	12
HGO090814	8	R1/4	11,0	21,0	29,0	10	14
HGO091014	10	R1/4	11,0	25,0	29,5	14	17
HGO090838	8	R3/8	11,0	26,5	32,5	14	14
HGO091038	10	R3/8	11,0	26,5	32,5	14	17
HGO091238	12	R3/8	11,0	26,5	33,0	14	19
HGO091212	12	R1/2	14,0	30,0	33,0	17	19
HGO091512	15	R1/2	14,0	30,0	37,0	17	24

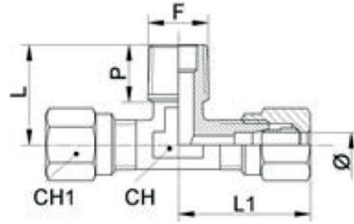
HGO14 T Male lateral taper thread



Part No.	Ø	F	P	L	L1	CH	CH1
HGO140418	4	R1/8	8,0	38,5	22,5	9	10
HGO140618	6	R1/8	8,0	39,5	23,5	9	12
HGO140818	8	R1/8	8,0	46,5	26,5	12	14
HGO140614	6	R1/4	11,0	45,0	25,0	10	12
HGO140814	8	R1/4	11,0	47,5	28,0	10	14
HGO141014	10	R1/4	11,0	53,0	30,0	12	17
HGO141038	10	R3/8	11,0	60,0	34,0	13	17
HGO141238	12	R3/8	11,0	60,0	34,0	13	19
HGO141212	12	R1/2	14,0	64,0	36,0	17	19

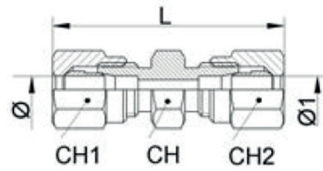
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HGO16 T Male central taper thread



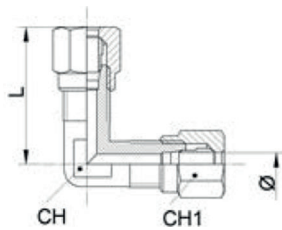
Part No.	Ø	F	P	L	L1	CH	CH1
HGO160418	4	R1/8	8,0	16,0	21,5	9	10
HGO160618	6	R1/8	8,0	16,0	23,0	9	12
HGO160818	8	R1/8	8,0	20,5	26,5	12	14
HGO160614	6	R1/4	11,0	20,0	25,0	10	12
HGO160814	8	R1/4	11,0	20,5	27,0	10	14
HGO161014	10	R1/4	11,0	23,0	30,0	12	17
HGO161038	10	R3/8	11,0	26,0	34,0	13	17
HGO161238	12	R3/8	11,0	26,0	34,0	13	19
HGO161212	12	R1/2	14,0	28,0	36,0	17	19
HGO161512	15	R1/2	14,0	28,0	38,0	17	24

HGO19 Intermediate straight



Part No.	Ø	Ø1	L	CH	CH1	CH2
HGO190400	4	4	35,0	10	10	10
HGO190600	6	6	37,0	12	12	12
HGO190800	8	8	40,0	14	14	14
HGO191000	10	10	42,0	17	17	17
HGO191200	12	12	42,0	19	19	19
HGO191500	15	15	47,0	22	22	22

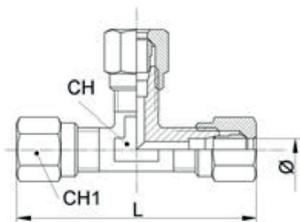
HGO20 Intermediate elbow



Part No.	Ø	L	CH	CH1
HGO200400	4	27,0	9	10
HGO200600	6	24,5	9	13
HGO200800	8	28,5	10	14
HGO201000	10	32,0	14	17
HGO201200	12	35,0	13	19

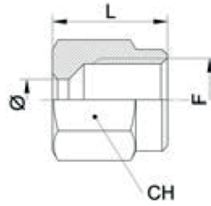
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HGO21 Intermediate Tee



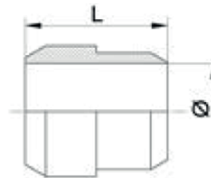
Part No.	Ø	L	CH	CH1
HGO210400	4	42,0	9	10
HGO210600	6	46,0	9	12
HGO210800	8	54,0	12	14
HGO211000	10	60,0	12	17
HGO211200	12	68,0	13	19
HGO211500	15	74,5	17	24

HGO30 Nut



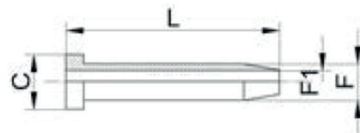
Part No.	Ø	F	L	CH
HGO300400	4	M8x1	11,0	10
HGO300600	6	M10x1	12,0	12
HGO300800	8	M12x1	13,0	14
HGO301000	10	M14x1	13,0	17
HGO301200	12	M16x1	13,0	19
HGO301500	15	M20x1	15,0	24

HGO31 Olive



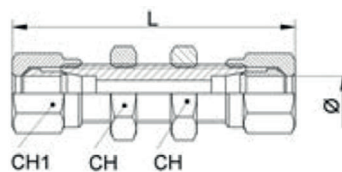
Part No.	Ø	L
HGO310400	4	6,0
HGO310600	6	7,5
HGO310800	8	7,0
HGO311000	10	7,0
HGO311200	12	7,0
HGO311500	15	8,0

HGO32 Reinforcing core



Part No.	F	F1	C	L
HGO320600	4	3,3	5	12,0
HGO320800	6	5,0	7	15,0
HGO321000	8	7,0	9	15,0
HGO321200	10	9,0	11	15,0
HGO321500	12,5	11,5	14	17,0

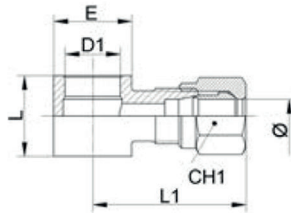
HGO33 Bulkhead connector



Part No.	Ø	L	CH	CH1
HGO330600	6	48,0	14	12
HGO330800	8	53,0	17	14
HGO331000	10	62,5	19	19
HGO331200	12	64,5	22	22

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HGO40 Single banjo



Part No.	Ø	D1	E	L	L1	CH1
HGO400618	6	9,9	14,0	14,5	27,0	12
HGO400818	8	9,9	14,0	14,5	28,0	14
HGO400614	6	13,3	18,0	14,5	30,0	12
HGO400814	8	13,3	18,0	14,5	31,0	14

Bolt to be used: HD42 - HD43 - HD44