

HD

Standard Fittings

Standard fittings are composed of all those items that connect components of various kind and complete the fittings series.
The table below shows maximum recommended pressures obtained from tests carried out using safety coefficient 4.



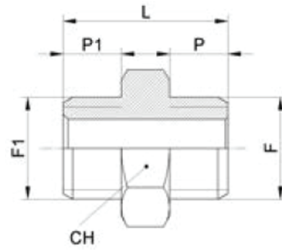
TECHNICAL CHARACTERISTICS

Temperature	-15 ÷ +80 °C
Max pressure	50 bar
Application fields	pneumatic circuits, low-pressure oleodynamic and hydraulic circuits, vacuum

CONSTRUCTIVE CHARACTERISTICS

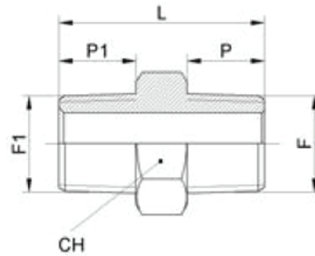
Body	nickel-plated brass, aluminium, zinc-plated steel
------	---

HD01 Parallel nipple



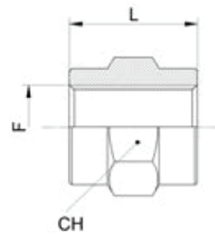
Part No.	F	F1	P	P1	L	CH
HD01M5M5	M5	M5	4,0	4,0	11,5	8
HD01M518	M5	G1/8	4,0	6,0	14,0	14
HD011818	G1/8	G1/8	6,0	6,0	16,5	14
HD011814	G1/8	G1/4	6,0	8,0	19,0	17
HD011838	G1/8	G3/8	6,0	9,0	20,0	19
HD011414	G1/4	G1/4	8,0	8,0	21,5	17
HD011438	G1/4	G3/8	8,0	9,0	22,0	19
HD011412	G1/4	G1/2	8,0	10,0	23,5	24
HD013838	G3/8	G3/8	9,0	9,0	23,0	19
HD013812	G3/8	G1/2	9,0	10,0	24,5	24
HD011212	G1/2	G1/2	10,0	10,0	25,5	24
HD011234	G1/2	G3/4	10,0	11,0	26,5	30
HD013434	G3/4	G3/4	11,0	11,0	27,5	30

HD02 Taper nipple



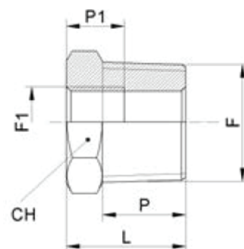
Part No.	F	F1	P	P1	L	CH
HD021818	R1/8	R1/8	7,5	7,5	19,0	12
HD021814	R1/8	R1/4	7,5	10,5	23,0	14
HD021838	R1/8	R3/8	7,5	11,5	24,0	17
HD021414	R1/4	R1/4	10,5	10,5	26,0	14
HD021438	R1/4	R3/8	10,5	11,5	27,5	17
HD021412	R1/4	R1/2	11,5	14,0	30,5	22
HD023838	R3/8	R3/8	11,5	11,5	27,0	17
HD023812	R3/8	R1/2	11,5	14,0	31,0	22
HD021212	R1/2	R1/2	14,0	14,0	33,5	22
HD021234	R1/2	R3/4	14,0	14,0	37,5	27
HD023434	R3/4	R3/4	14,0	14,0	39,5	27
HD023401	R3/4	R1	16,0	19,0	43,0	34
HD020101	R1	R1	19,0	19,0	46,0	34

HD03 Parallel female socket



Part No.	F	L	CH
HD0300M5	M5	11,0	8
HD030018	G1/8	15,0	14
HD030014	G1/4	22,0	17
HD030038	G3/8	23,0	22
HD030012	G1/2	28,0	26
HD030034	G3/4	29,0	32

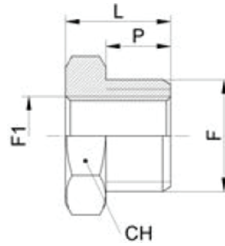
HD04 Reduction M-F taper/parallel thread



Part No.	F	F1	P	P1	L	CH
HD041814	R1/8	G1/4	11,0	8,0	15,0	14
HD041838	R1/8	G3/8	11,5	8,0	16,5	17
HD041812	R1/8	G1/2	14,0	8,0	19,5	22
HD041438	R1/4	G3/8	11,5	11,0	16,5	17
HD041412	R1/4	G1/2	14,0	11,0	19,5	22
HD043812	R3/8	G1/2	14,0	14,0	19,5	22
HD043834	R3/8	G3/4	14,0	16,0	20,0	27
HD041234	R1/2	G3/4	16,0	16,0	23,5	27

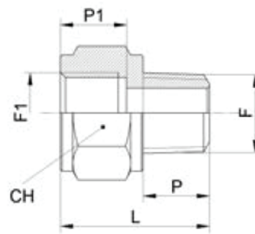
5

HD05 Reduction M-F parallel thread



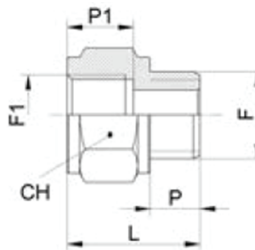
Part No.	F1	F	P	L	CH
HD05M518	G1/8	M5	6,0	10,5	14
HD051814	G1/4	G1/8	8,0	13,0	17
HD051838	G3/8	G1/8	9,0	14,0	19
HD051812	G1/2	G1/8	10,0	15,5	24
HD051438	G3/8	G1/4	9,0	14,0	19
HD051412	G1/2	G1/4	10,0	15,5	24
HD053812	G1/2	G3/8	10,0	15,5	24
HD053834	G3/4	G3/8	11,0	16,5	30
HD051234	G3/4	G1/2	11,0	16,5	30

HB06 Extension M-F taper/parallel thread



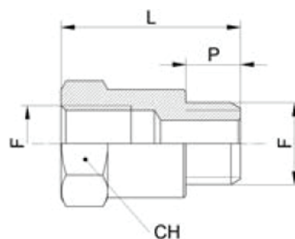
Part No.	F	F1	P	P1	L	CH
HD061818	R1/8	G1/8	8,0	8,0	18,0	14
HD061814	R1/8	G1/4	8,0	12,0	19,0	17
HD061838	R1/8	G3/8	8,0	12,0	21,5	22
HD061414	R1/4	G1/4	11,0	12,0	22,5	17
HD061438	R1/4	G3/8	11,0	12,0	25,0	22
HD061412	R1/4	G1/2	11,0	14,0	27,5	24
HD063838	R3/8	G3/8	12,0	12,0	25,0	22
HD063812	R3/8	G1/2	12,0	14,0	29,0	24
HD061212	R1/2	G1/2	14,0	14,0	30,5	26
HD061234	R1/2	G3/4	14,0	14,0	31,0	32

HB07 Extension M-F parallel thread



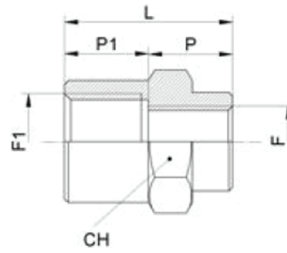
Part No.	F	F1	P	P1	L	CH
HD07M518	M5	G1/8	5,0	8,0	15,0	14
HD071818	G1/8	G1/8	6,0	8,0	16,0	14
HD071814	G1/8	G1/4	6,0	12,0	17,5	17
HD071838	G1/8	G3/8	6,0	12,0	20,0	22
HD071414	G1/4	G1/4	8,0	12,0	19,5	17
HD071438	G1/4	G3/8	8,0	12,0	22,0	22
HD071412	G1/4	G1/2	7,0	14,0	24,0	24
HD073838	G3/8	G3/8	9,0	12,0	23,0	22
HD073812	G3/8	G1/2	9,0	14,0	25,5	24
HD071212	G1/2	G1/2	10,0	14,0	26,0	26

HD08 Extension M-F parallel thread



Part No.	F	P	L	CH
HD081822	G1/8	7,0	22	14
HD081435	G1/4	8,0	35,0	17
HD081451	G1/4	8,0	51,0	17
HD081842	G1/8	7,0	42,0	14

HD09 Extension F-F



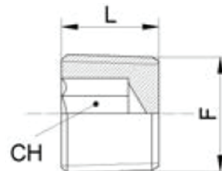
Part No.	F	F1	P	P1	L	CH
HD091814	G1/8	G1/4	12,0	7,0	19,5	17
HD091838	G1/8	G3/8	12,0	8,0	20,0	22
HD091812	G1/8	G1/2	13,5	10,0	23,5	24
HD091438	G1/4	G3/8	14,0	8,5	22,5	22
HD091412	G1/4	G1/2	16,0	10,0	26,0	24
HD093812	G3/8	G1/2	16,0	10,0	26,0	24
HD091234	G1/2	G3/4	20,0	10,0	30,0	32

HD10 Male plug with hexagon wrench head



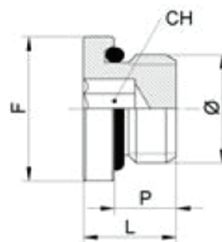
Part No.	F	P	L	CH
HD1000M5	M5	4,0	7,5	8
HD100018	G1/8	6,0	11,0	14
HD100014	G1/4	8,0	13,0	17
HD100038	G3/8	9,0	14,0	19
HD100012	G1/2	9,0	15,5	24
HD100034	G3/4	11,0	16,5	30
HD100001	G1	12,0	18,0	40

HD11 Male plug (taper thread) with allen head



Part No.	F	L	CH
HD110018	R1/8	8,0	5
HD110014	R1/4	10,0	6
HD110038	R3/8	11,0	8
HD110012	R1/2	13,0	10

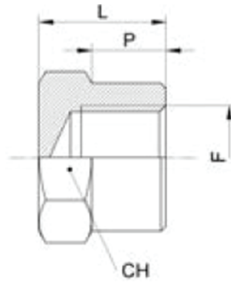
HD12 Male plug with O-ring (allen head)



Part No.	F	P	L	Ø	CH
HD1200M5	M5	4,0	6,0	8,0	2,5
HD120018	G1/8	6,0	9,0	14,0	5
HD120014	G1/4	8,0	11,5	18,0	6
HD120038	G3/8	9,0	12,5	22,0	8
HD120012	G1/2	10,0	14,5	26,0	10

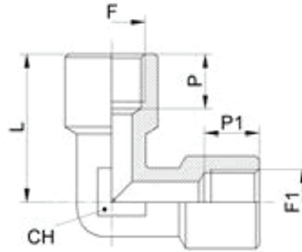
5

HD13 Female plug



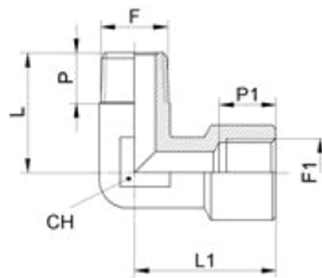
Part No.	F	P	L	Ø	CH
HD130018	G1/8	8,0	11,0	14,0	14
HD130014	G1/4	12,0	15,0	18,0	17
HD130038	G3/8	12,0	15,0	22,0	20
HD130012	G1/2	14,0	18,0	26,0	24

HD14 Elbow connector F-F



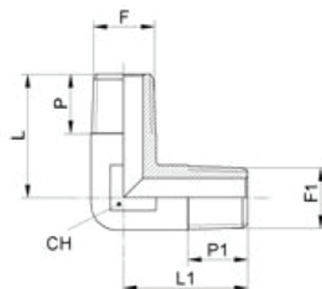
Part No.	F	P	L	CH
HD1400M5	M5	3,0	11,0	8
HD140018	G1/8	8,0	21,0	10
HD140014	G1/4	11,0	26,5	13
HD140038	G3/8	12,0	28,0	17
HD140012	G1/2	14,0	33,5	21
HD140034	G3/4	16,5	36,5	25
HD140001	G1	19,0	45,0	30

HD15 Elbow connector M-F taper/parallel thread



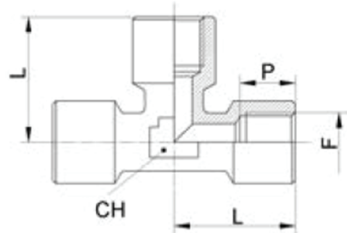
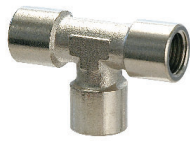
Part No.	F	F1	P	P1	L	L1	CH
HD1500M5	M5	M5	4,0	5,0	11,5	11,0	9
HD150018	R1/8	G1/8	8,0	8,0	17,0	20,0	10
HD151814	R1/8	G1/4	8,0	11,0	19,0	23,0	10
HD150014	R1/4	G1/4	11,0	11,0	25,0	26,5	13
HD150038	R3/8	G3/8	11,5	12,0	26,0	28,0	17
HD150012	R1/2	G1/2	14,0	14,0	31,0	33,5	21
HD150034	R3/4	G3/4	16,0	16,5	33,0	36,5	25
HD150001	R1	G1	17,5	19,0	45,0	39,0	30

HD16 Elbow connector M-M taper thread



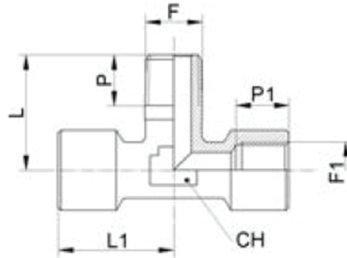
Part No.	F	F1	P	C	L	L1	CH
HD1600M5	M5	-	4,0	2,0	11,0	-	9
HD160018	R1/8	-	8,0	6,0	19,0	-	10
HD161814	R1/8	R1/4	8,0	6,0	19,0	21,0	10
HD160014	R1/4	-	11,0	8,0	24,0	-	13
HD160038	R3/8	-	11,5	8,0	25,0	-	17
HD160012	R1/2	-	14,0	12,0	28,5	-	21
HD160034	R3/4	-	16,0	19,0	33,0	-	25
HD160001	R1	-	17,5	24,0	39,0	-	30

HD17 Intermediate Tee F-F-F (parallel thread)



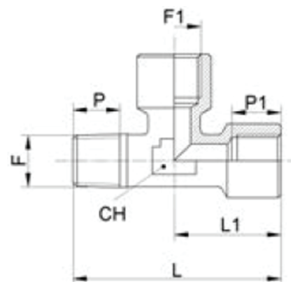
Part No.	F	P	L	CH
HD1700M5	M5	5,0	11,0	9
HD170018	G1/8	9,0	20,5	10
HD170014	G1/4	11,0	25,8	13
HD170038	G3/8	12,0	30,0	17
HD170012	G1/2	14,0	34,8	21
HD170034	G3/4	16,5	36,5	25
HD170001	G1	19,0	45,0	30

HD18 Central Tee M-F-F



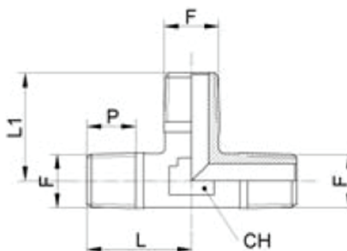
Part No.	F	F1	P	P1	L	L1	CH
HD1800M5	M5	M5	4,0	5,0	11,5	11,0	9
HD180018	R1/8	G1/8	8,0	9,0	19,5	19,5	10
HD180014	R1/4	G1/4	11,0	11,0	24,8	25,8	13
HD180038	R3/8	G3/8	11,5	13,0	28,5	30,0	18
HD180012	R1/2	G1/2	14,0	14,0	31,8	34,8	21
HD180034	R3/4	G3/4	16,0	16,5	33,0	36,5	25
HD180001	R1	G1	17,5	19,0	39,0	45,0	30

HD19 Lateral Tee M-F-F



Part No.	F	F1	P	P1	L	L1	CH
HD1900M5	M5	M5	4,0	5,0	22,5	11,3	9
HD190018	R1/8	G1/8	8,0	9,0	38,0	19,5	10
HD190014	R1/4	G1/4	11,0	11,0	50,5	25,8	13
HD190038	R3/8	G3/8	11,5	13,0	58,5	30,0	18
HD190012	R1/2	G1/2	14,0	14,0	66,5	24,8	21
HD190034	R3/4	G3/4	16,0	16,5	69,5	34,8	25
HD190001	R1	G1	17,5	19,0	84,0	42,0	30

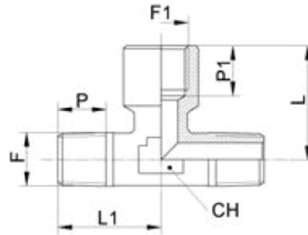
HD20 Intermediate Tee M-M-M (taper thread)



Part No.	F	P	A	L	L1	CH
HD200018	R1/8	8,0	6,0	18,5	19,0	10
HD200014	R1/4	11,0	8,5	24,7	24,7	13
HD200038	R3/8	11,5	11,0	28,5	28,5	17
HD200012	R1/2	14,0	15,0	31,7	31,7	21
HD200034	R3/4	16,2	19,0	33,2	33,0	25
HD200001	R1	17,5	24,0	39,0	39,0	30

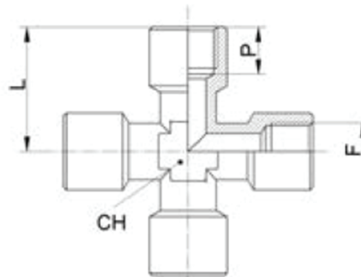
5

HD21 Lateral Tee M-F-M



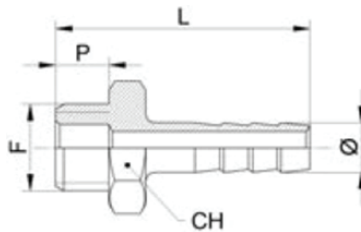
Part No.	F	F1	P	P1	L	L1	CH
HD210018	R1/8	G1/8	8,0	9,0	20,5	18,5	10
HD210014	R1/4	G1/4	11,0	11,0	25,8	24,8	13
HD210038	R3/8	G3/8	11,5	13,0	28,5	28,5	17
HD210012	R1/2	G1/2	14,0	14,0	34,8	31,8	21
HD210034	R3/4	G3/4	16,2	16,5	36,5	33,2	25
HD210001	R1	G1	17,5	19,0	45,0	36,5	30

HD22 Cross F-F-F-F



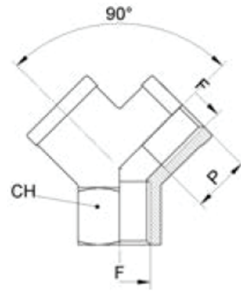
Part No.	F	P	L	CH
HD220018	G1/8	8,0	21,0	10
HD220014	G1/4	11,0	25,5	13
HD220038	G3/8	11,5	28,0	17
HD220012	G1/2	14,0	33,5	21

HD24 Tube adaptor (parallel thread)



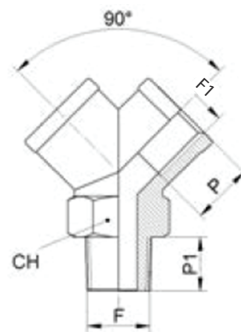
Part No.	F	Ø	P	L	CH
HD2404M5	M5	4	5,0	15,5	8
HD240618	G1/8	6	8,0	32,5	14
HD240718	G1/8	7	8,0	32,5	14
HD240818	G1/8	8	8,0	32,5	14
HD240918	G1/8	9	8,0	32,5	14
HD241018	G1/8	10	8,0	32,5	14
HD240614	G1/4	6	11,0	36,0	17
HD240714	G1/4	7	11,0	36,0	17
HD240814	G1/4	8	11,0	36,0	17
HD240914	G1/4	9	11,0	38,0	17
HD241014	G1/4	10	11,0	38,0	17
HD241214	G1/4	12	11,0	38,0	17
HD240938	G3/8	9	11,5	38,5	19
HD241038	G3/8	10	11,5	38,5	19
HD241238	G3/8	12	11,5	38,5	19
HD241438	G3/8	14	11,5	40,5	19
HD241738	G3/8	17	11,5	40,5	19
HD241212	G1/2	12	14,0	46,0	24
HD241412	G1/2	14	14,0	46,0	24
HD241712	G1/2	17	14,0	46,0	24
HD242012	G1/2	20	14,0	46,0	30
HD242034	G3/4	20	16,0	46,5	30

HD25 Y connector F-F-F



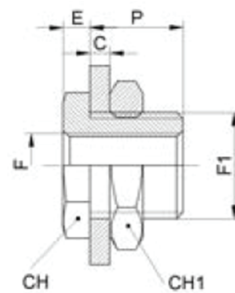
Part No.	F	P	CH
HD250018	G1/8	8,0	13
HD250014	G1/4	11,0	17
HD250038	G3/8	11,5	20
HD250012	G1/2	14,0	25

HD26 Y connector M-F-F



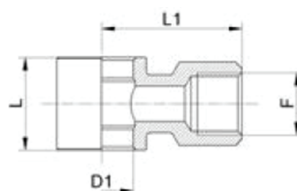
Part No.	F	F1	P	P1	CH
HD260018	R1/8	G1/8	8,0	8,0	13
HD260014	R1/4	G1/4	11,0	11,0	17
HD260038	R3/8	G3/8	11,5	11,5	20
HD260012	R1/2	G1/2	14,0	14,0	25

HD27 Threaded bulkhead connector



Part No.	F	F1	C MAX	P	E	CH	CH1
HD2700M5	M5	M10x1	6,5	10,5	3,5	14	14
HD270018	G1/8	M16x1,5	10,0	14,0	4,0	19	22
HD270014	G1/4	M20x1,5	16,0	21,0	4,0	24	27
HD270038	G3/8	M26x1,5	15,0	21,0	5,0	30	32
HD270012	G1/2	M28x1,5	21,0	27,0	6,0	32	36

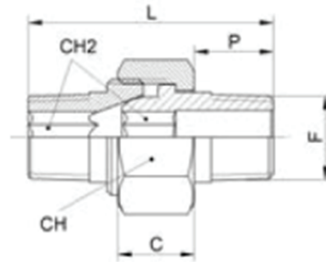
HD32 Female single banjo



Part No.	F	D1	L	L1
HD3200M5	M5	5,1	9,0	13,5
HD320018	1/8	9,9	14,5	22,0
HD320014	1/4	13,3	14,5	25,5

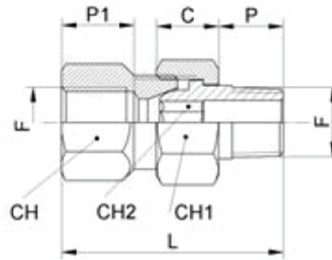
5

HD33 Taper nipple - 3 pieces



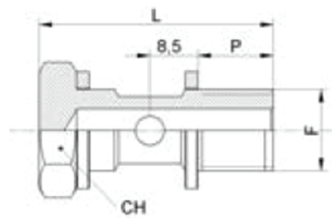
Part No.	F	P	L	C	CH	CH2
HD330018	R1/8	9,0	27,0	8,6	15	5
HD330014	R1/4	11,5	33,5	9,6	19	6
HD330038	R3/8	13,0	36,0	10,0	22	8
HD330012	R1/2	15,5	45,0	12,0	27	12
HD330034	R3/4	18,0	53,0	17,0	36	14
HD330001	R1	22,0	64,0	20,0	46	19

HD34 Female nipple - 3 pieces



Part No.	F	P	P1	L	C	CH	CH1	CH2
HD340018	G1/8	9,0	10,0	30,5	8,5	14	15	5
HD340014	G1/4	12,0	12,0	37,0	9,5	17	19	6
HD340038	G3/8	12,0	12,0	40,0	10,0	21	22	8
HD340012	G1/2	15,0	15,0	48,0	12,0	25	27	12

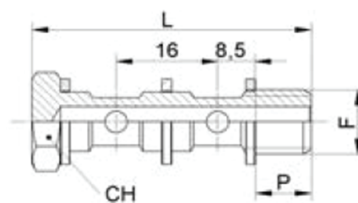
HD42 Single banjo bolt taper thread



Part No.	F	P	L	CH
HD4200M5	M5	4,0	18,0	8
HD420018	R1/8	6,0	28,0	14
HD420014	R1/4	8,0	30,0	17
HD420038	R3/8	8,5	30,5	19
HD420012	R1/2	10,0	32,0	24

Washer to be used: HD46 2 pcs

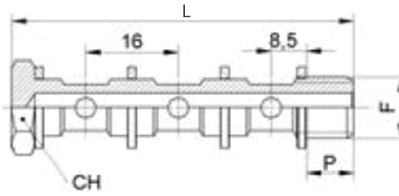
HD43 Double banjo bolt taper thread



Part No.	F	P	L	CH
HD430018	R1/8	6,0	44,0	14
HD430014	R1/4	8,0	46,0	17
HD430038	R3/8	8,5	47,0	19
HD430012	R1/2	10,0	48,0	24

Washer to be used: HD46 3 pcs

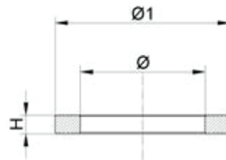
HD44 Triple banjo bolt taper thread



Part No.	F	P	L	CH
HD440018	R1/8	6,0	59,0	14
HD440014	R1/4	8,0	61,5	17

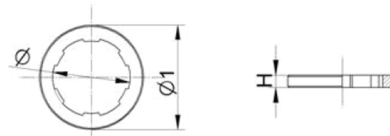
Washer to be used: HD46 4 pcs

HD45 Aluminium washer



Part No.	Ø	Ø1	H
HD4500M5	5	9,0	1,0
HD450018	10	14,0	1,5
HD450014	13,5	18,0	1,5
HD450038	17	22,0	1,5
HD450012	21,5	27,0	1,5

HD46 Indented nylon washer

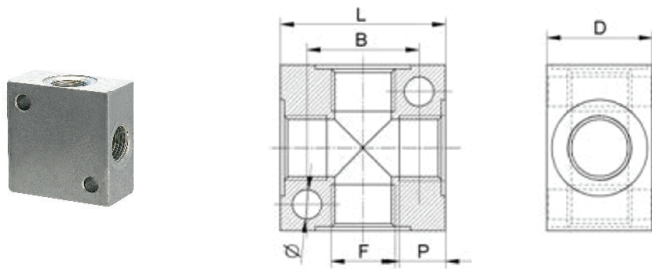


Part No.	Ø	Ø1	H
HD4600M5	5	8,0	1,0
HD460018	10	14,0	2,0
HD460014	13	17,5	2,0
HD460038	17	21,5	2,0
HD460012	21	26,5	2,0

5

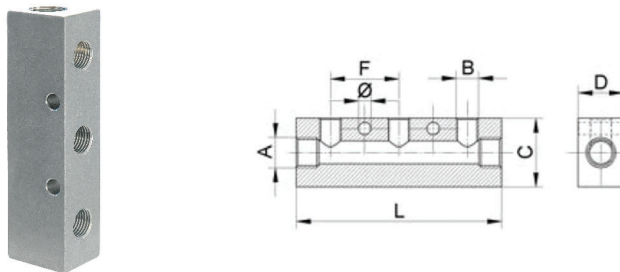
ACCESSORIES

HD23 Cross block F-F-F-F



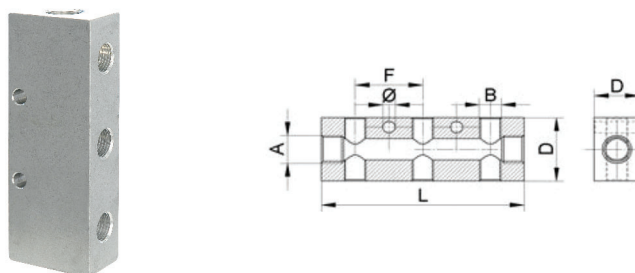
Part No.	F	Ø	P	L	D	B
HD230018	G1/8	4,5	7,0	25,0	15,0	17,0
HD230014	G1/4	5,5	11,0	40,0	20,0	26,0
HD230038	G3/8	5,5	12,0	50,0	25,0	34,0
HD230012	G1/2	5,5	12,0	50,0	30,0	34,0

HD30 Distribution manifold (single outlets)



Part No.	A	B	C	D	L	F	N°	Ø
HD301803	G1/4	G1/8	30	20,0	90	30,0	3	4,5
HD301804	G1/4	G1/8	30	20,0	120	30,0	4	4,5
HD301805	G1/4	G1/8	30	20,0	150	30,0	5	4,5
HD301806	G1/4	G1/8	30	20,0	180	30,0	6	4,5
HD301403	G3/8	G1/4	30	25,0	108	36,0	3	6,0
HD301404	G3/8	G1/4	30	25,0	144	36,0	4	6,0
HD301405	G3/8	G1/4	30	25,0	180	36,0	5	6,0
HD301406	G3/8	G1/4	30	25,0	216	36,0	6	6,0
HD303803	G1/2	G3/8	35	28,0	130	40,0	3	6,0
HD303804	G1/2	G3/8	35	28,0	170	40,0	4	6,0
HD303805	G1/2	G3/8	35	28,0	220	40,0	5	6,0
HD303806	G1/2	G3/8	35	28,0	250	40,0	6	6,0

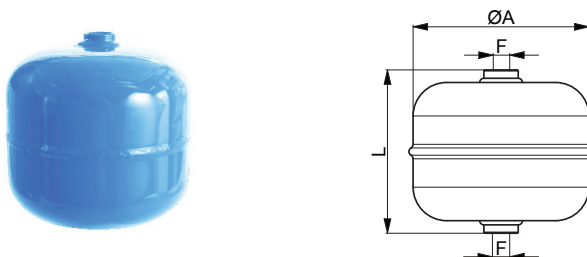
HD31 Distributors manifold (double outlets)



Part No.	A	B	C	D	L	F	N°	Ø
HD311803	G1/4	G1/8	30	20,0	90	30,0	3+3	4,5
HD311804	G1/4	G1/8	30	20,0	120	30,0	4+4	4,5
HD311805	G1/4	G1/8	30	20,0	150	30,0	5+5	4,5
HD311403	G3/8	G1/4	40	25,0	108	36,0	3+3	6,0
HD311404	G3/8	G1/4	40	25,0	144	36,0	4+4	6,0
HD311405	G3/8	G1/4	40	25,0	180	36,0	5+5	6,0

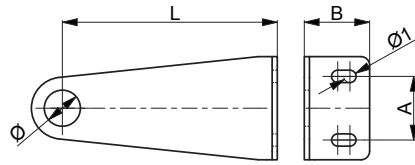
5

HD40 Reservoir (Max pressure 10 bar)



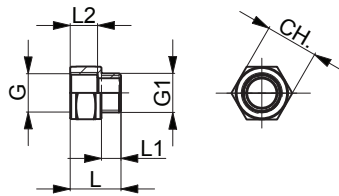
Part No.	lt	ØA	F	L
HD400100	1	86	1/2	230
HD400250	2,5	160	1/2	175
HD400500	5	210	1/2	195
HD400700	7	210	1/2	260
HD401200	12	229	1/2	365

HD410000A Stainless steel AISI 301 bracket



Part No.	Ø	Ø1	A	B	L
HD410000A	21	7	37	38	125

HD410000B Reservoir extension



Part No.	G	G1	L	L1	L2	CH
HD410000B	G1/2	G1/2	26	10	14	27