

CHARACTERISTICS

Temperature	-15 ÷ +80 °C
Max pressure	50 bar
Body	nickel-plated brass, aluminium, zinc-plated steel
Application fields	pneumatic circuits, low-pressure oleodynamic and hydraulic circuits, vacuum

HD01

Parallel nipple



	connection 1	connection 2	key
HD01M5M5	M5	M5	8
HD01M518	M5	G1/8	14
HD011818	G1/8	G1/8	14
HD011814	G1/8	G1/4	17
HD011838	G1/8	G3/8	19
HD011414	G1/4	G1/4	17
HD011438	G1/4	G3/8	19
HD011412	G1/4	G1/2	24
HD013838	G3/8	G3/8	19
HD013812	G3/8	G1/2	24
HD011212	G1/2	G1/2	24
HD011234	G1/2	G3/4	30
HD013434	G3/4	G3/4	30

HD02

Taper nipple



	connection 1	connection 2	key
HD021818	R1/8	R1/8	12
HD021814	R1/8	R1/4	14
HD021838	R1/8	R3/8	17
HD021414	R1/4	R1/4	14
HD021438	R1/4	R3/8	17
HD021412	R1/4	R1/2	22
HD023838	R3/8	R3/8	17
HD023812	R3/8	R1/2	22
HD021212	R1/2	R1/2	22
HD021234	R1/2	R3/4	27
HD023434	R3/4	R3/4	27
HD023401	R3/4	R1	34
HD020101	R1	R1	34

HD03

Female socket



	connection	key
HD0300M5	M5	8
HD030018	G1/8	14
HD030014	G1/4	17
HD030038	G3/8	22
HD030012	G1/2	26
HD030034	G3/4	32

HD04

Reduction M-F taper thread



	connection M	connection F	key
HD041814	R1/4	G1/8	14
HD041838	R3/8	G1/8	17
HD041812	R1/2	G1/8	22
HD041438	R3/8	G1/4	17
HD041412	R1/2	G1/4	22
HD043812	R1/2	G3/8	22
HD043834	R3/4	G3/8	27
HD041234	R3/4	G1/2	27

HD05

Reduction M-F parallel thread



	connection M	connection F	key
HD05M518	G1/8	M5	14
HD051814	G1/4	G1/8	17
HD051838	G3/8	G1/8	19
HD051812	G1/2	G1/8	24
HD051438	G3/8	G1/4	19
HD051412	G1/2	G1/4	24
HD053812	G1/2	G3/8	24
HD053834	G3/4	G3/8	30
HD051234	G3/4	G1/2	30

HD06

Extension M-F taper thread



	connection M	connection F	key
HD061818	R1/8	G1/8	14
HD061814	R1/8	G1/4	17
HD061838	R1/8	G3/8	22
HD061414	R1/4	G1/4	17
HD061438	R1/4	G3/8	22
HD061412	R1/4	G1/2	24
HD063838	R3/8	G3/8	22
HD063812	R3/8	G1/2	24
HD061212	R1/2	G1/2	26
HD061234	R1/2	G3/4	32

HD07

Extension M-F parallel thread



	connection M	connection F	key
HD07M518	G1/8	M5	14
HD071818	G1/8	G1/8	14
HD071814	G1/4	G1/8	17
HD071838	G3/8	G1/8	22
HD071414	G1/4	G1/4	17
HD071438	G3/8	G1/4	22
HD071412	G1/2	G1/4	24
HD073838	G3/8	G3/8	22
HD073812	G1/2	G3/8	24
HD071212	G1/2	G1/2	26

HD08

Extension M-F parallel thread



	connection M-F	key
HD081822	G1/8	14
HD081435	G1/4	17
HD081451	G1/4	17

HD09

Extension F-F



	connection 1	connection 2	key
HD091814	G1/8	G1/4	17
HD091838	G1/8	G3/8	22
HD091812	G1/8	G1/2	24
HD091438	G1/4	G3/8	22
HD091412	G1/4	G1/2	24
HD093812	G3/8	G1/2	24
HD091234	G1/2	G3/4	32

HD10

Male plug with hexagon wrench head



	connection	key
HD1000M5	M5	8
HD100018	G1/8	14
HD100014	G1/4	17
HD100038	G3/8	19
HD100012	G1/2	24
HD100034	G3/4	30
HD100001	G1	38

HD11

Male plug (taper thread) with allen head



	connection	key
HD110018	R1/8	5
HD110014	R1/4	6
HD110038	R3/8	8
HD110012	R1/2	10

HD12

Male plug with O-ring (allen head)



	connection	key
HD1200M5	M5	2,5
HD120018	G1/8	5
HD120014	G1/4	6
HD120038	G3/8	8
HD120012	G1/2	10

HD13

Female plug



	connection	key
HD130018	G1/8	14
HD130014	G1/4	17
HD130038	G3/8	20
HD130012	G1/2	24

HD14

Elbow connector F-F



	connection	key
HD1400M5	M5	8
HD140018	G1/8	10
HD140014	G1/4	13
HD140038	G3/8	17
HD140012	G1/2	21
HD140034	G3/4	25
HD140001	G1	30

HD15

Elbow connector M-F



	connection 1	connection 2	key
HD1500M5	M5	M5	9
HD150018	R1/8	G1/8	10
HD151814	R1/8	G1/4	10
HD150014	R1/4	G1/4	13
HD150038	R3/8	G3/8	17
HD150012	R1/2	G1/2	21
HD150034	R3/4	G3/4	25
HD150001	R1	G1	30

HD16
Elbow connector M-M (taper thread)

	connection	connection	key
	1	2	
	HD1600M5	M5	M5 9
	HD160018	R1/8	R1/8 10
	HD161814	R1/8	R1/4 10
	HD160014	R1/4	R1/4 13
	HD160038	R3/8	R3/8 17
	HD160012	R1/2	R1/2 21
	HD160034	R3/4	R3/4 25
	HD160001	R1	R1 30

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

	connection	key
	HD1700M5	M5 9
	HD170018	G1/8 10
	HD170014	G1/4 13
	HD170038	G3/8 17
	HD170012	G1/2 21
	HD170034	G3/4 25
	HD170001	G1 30

HD18
Central Tee M-F-F

	connection	connection	key
	M	F	
	HD1800M5	M5	M5 9
	HD180018	R1/8	G1/8 10
	HD180014	R1/4	G1/4 13
	HD180038	R3/8	G3/8 18
	HD180012	R1/2	G1/2 21
	HD180034	R3/4	G3/4 25
	HD180001	R1	G1 30

HD19
Lateral Tee M-F-F

	connection	connection	key
	M	F	
	HD1900M5	M5	M5 9
	HD190018	R1/8	G1/8 10
	HD190014	R1/4	G1/4 13
	HD190038	R3/8	G3/8 18
	HD190012	R1/2	G1/2 21
	HD190034	R3/4	G3/4 25
	HD190001	R1	G1 30

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

	connection	key
	HD200018	R1/8 10
	HD200014	R1/4 13
	HD200038	R3/8 17
	HD200012	R1/2 21
	HD200034	R3/4 25
	HD200001	R1 30

HD21
Lateral Tee M-F-M

	connection	connection	key
	M	F	
	HD210018	R1/8	G1/8 10
	HD210014	R1/4	G1/4 13
	HD210038	R3/8	G3/8 17
	HD210012	R1/2	G1/2 21
	HD210034	R3/4	G3/4 25
	HD210001	R1	G1 30

HD22
Cross F-F-F-F

	connection	key
	HD220018	G1/8 10
	HD220014	G1/4 13
	HD220038	G3/8 17
	HD220012	G1/2 21

HD24
Tube adaptor (parallel thread)

	∅	connection	key
	4	M5	8
	6	G1/8	12
	7	G1/8	12
	8	G1/8	12
	9	G1/8	12
	10	G1/8	12
	6	G1/4	14
	7	G1/4	14
	8	G1/4	14
	9	G1/4	14
	10	G1/4	14
	12	G1/4	14
	9	G3/8	19
	10	G3/8	19

	∅	connection	key
	12	G3/8	19
	14	G3/8	19
	17	G3/8	19
	12	G1/2	22
	14	G1/2	22
	17	G1/2	22
	20	G1/2	30
	20	G3/4	30

HD25
Y connector F-F-F

	connection	key
	HD250018	G1/8 10
	HD250014	G1/4 13
	HD250038	G3/8 17
	HD250012	G1/2 21

HD26
Y connector M-F-F

	connection	connection	key
	M	F	
	HD260018	R1/8	G1/8 13
	HD260014	R1/4	G1/4 17
	HD260038	R3/8	G3/8 20
	HD260012	R1/2	G1/2 25

HD27
Threaded bulkhead connector

	connection	key
	HD2700M5	M5 14
	HD270018	G1/8 19
	HD270014	G1/4 24
	HD270038	G3/8 30
	HD270012	G1/2 32

HD32
Female single banjo

	connection
	HD3200M5
	HD320018
	HD320014

HD33
Taper nipple - 3 pieces

	connection	key
	HD330018	R1/8 15
	HD330014	R1/4 19
	HD330038	R3/8 22
	HD330012	R1/2 27
	HD330034	R3/4 36
	HD330001	R1 46

HD34
Female nipple - 3 pieces

	connection	key
	HD340018	G1/8 14
	HD340014	G1/4 17
	HD340038	G3/8 21
	HD340012	G1/2 25

HD42
Single banjo bolt

	connection	key
	HD4200M5	M5 8
	HD420018	R1/8 14
	HD420014	R1/4 17
	HD420038	R3/8 19
	HD420012	R1/2 24

Washer to be used
HD46 2 pcs

HD43
Double banjo bolt

	connection	key
	HD430018	R1/8 14
	HD430014	R1/4 17
	HD430038	R3/8 19
	HD430012	R1/2 24

Washer to be used
HD46 3 pcs

HD44
Triple banjo bolt

	connection	key
	HD440018	R1/8 14
	HD440014	R1/4 17

Washer to be used
HD46 4 pcs

■ **HD45**
Aluminium washer



	connection	thickness (mm)
HD4500M5	M5	1
HD450018	G1/8	1,5
HD450014	G1/4	1,5
HD450038	G3/8	1,5
HD450012	G1/2	1,5

■ **HD46**
Indented nylon washer



	connection	thickness (mm)
HD4600M5	M5	1
HD460018	G1/8	1,6
HD460014	G1/4	1,6
HD460038	G3/8	1,8
HD460012	G1/2	2

Accessories

■ **HD23**
Cross block F-F-F-F



	connection
HD230018	G1/8
HD230014	G1/4
HD230038	G3/8
HD230012	G1/2

■ **HD30**
Distribution manifold (single outlets)



	In	Out	nr.
HD301803	G1/4	G1/8	3
HD301804	G1/4	G1/8	4
HD301805	G1/4	G1/8	5
HD301806	G1/4	G1/8	6
HD301403	G3/8	G1/4	3
HD301404	G3/8	G1/4	4
HD301405	G3/8	G1/4	5
HD301406	G3/8	G1/4	6
HD303803	G1/2	G3/8	3
HD303804	G1/2	G3/8	4
HD303805	G1/2	G3/8	5
HD303806	G1/2	G3/8	6

■ **HD31**
Distributors manifold (double outlets)



	In	Out	nr.
HD311803	G1/4	G1/8	3+3
HD311804	G1/4	G1/8	4+4
HD311805	G1/4	G1/8	5+5
HD311403	G3/8	G1/4	3+3
HD311404	G3/8	G1/4	4+4
HD311405	G3/8	G1/4	5+5

■ **HD40**
Reservoir (Max pressure 10 bar)



HD400100	lt 1
HD400250	lt 2,5
HD400500	lt 5
HD400700	lt 7
HD401200	lt 12

■ **HD410000A**
Stainless steel AISI 301 bracket



■ **HD410000B**
Reservoir extension



■ AM50



■ AM51



■ AM52



■ AM53



■ AM54



■ AM5200



■ AM5220



■ AM55



AM series (p. 3.93/94)