
















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

<p>■ HD01 Parallel nipple</p>  <table border="1"> <thead> <tr> <th></th> <th>connection 1</th> <th>connection 2</th> <th>key</th> </tr> </thead> <tbody> <tr><td>HD01M5M5</td><td>M5</td><td>M5</td><td>8</td></tr> <tr><td>HD01M518</td><td>M5</td><td>G1/8</td><td>14</td></tr> <tr><td>HD011818</td><td>G1/8</td><td>G1/8</td><td>14</td></tr> <tr><td>HD011814</td><td>G1/8</td><td>G1/4</td><td>17</td></tr> <tr><td>HD011838</td><td>G1/8</td><td>G3/8</td><td>19</td></tr> <tr><td>HD011414</td><td>G1/4</td><td>G1/4</td><td>17</td></tr> <tr><td>HD011438</td><td>G1/4</td><td>G3/8</td><td>19</td></tr> <tr><td>HD011412</td><td>G1/4</td><td>G1/2</td><td>24</td></tr> <tr><td>HD013838</td><td>G3/8</td><td>G3/8</td><td>19</td></tr> <tr><td>HD013812</td><td>G3/8</td><td>G1/2</td><td>24</td></tr> <tr><td>HD011212</td><td>G1/2</td><td>G1/2</td><td>24</td></tr> <tr><td>HD011234</td><td>G1/2</td><td>G3/4</td><td>30</td></tr> <tr><td>HD013434</td><td>G3/4</td><td>G3/4</td><td>30</td></tr> </tbody> </table>		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	<p>■ HD02 Taper nipple</p>  <table border="1"> <thead> <tr> <th></th> <th>connection 1</th> <th>connection 2</th> <th>key</th> </tr> </thead> <tbody> <tr><td>HD021818</td><td>R1/8</td><td>R1/8</td><td>12</td></tr> <tr><td>HD021814</td><td>R1/8</td><td>R1/4</td><td>14</td></tr> <tr><td>HD021838</td><td>R1/8</td><td>R3/8</td><td>17</td></tr> <tr><td>HD021414</td><td>R1/4</td><td>R1/4</td><td>14</td></tr> <tr><td>HD021438</td><td>R1/4</td><td>R3/8</td><td>17</td></tr> <tr><td>HD021412</td><td>R1/4</td><td>R1/2</td><td>22</td></tr> <tr><td>HD023838</td><td>R3/8</td><td>R3/8</td><td>17</td></tr> <tr><td>HD023812</td><td>R3/8</td><td>R1/2</td><td>22</td></tr> <tr><td>HD021212</td><td>R1/2</td><td>R1/2</td><td>22</td></tr> <tr><td>HD021234</td><td>R1/2</td><td>R3/4</td><td>27</td></tr> <tr><td>HD023434</td><td>R3/4</td><td>R3/4</td><td>27</td></tr> <tr><td>HD023401</td><td>R3/4</td><td>R1</td><td>34</td></tr> <tr><td>HD020101</td><td>R1</td><td>R1</td><td>34</td></tr> </tbody> </table>		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	<p>■ HD03 Female socket</p>  <table border="1"> <thead> <tr> <th></th> <th>connection</th> <th>key</th> </tr> </thead> <tbody> <tr><td>HD0300M5</td><td>M5</td><td>8</td></tr> <tr><td>HD030018</td><td>G1/8</td><td>14</td></tr> <tr><td>HD030014</td><td>G1/4</td><td>17</td></tr> <tr><td>HD030038</td><td>G3/8</td><td>22</td></tr> <tr><td>HD030012</td><td>G1/2</td><td>26</td></tr> <tr><td>HD030034</td><td>G3/4</td><td>32</td></tr> </tbody> </table>		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
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HD150001	R1	G1	30																																																																																																																																				

HD16
Elbow connector M-M (taper thread)

	connection 1	connection 2	key
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 (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 M	connection F	key
HD1800M5	M5	M5	9
HD180018	R1/8	G1/8	10
HD180014	R1/4	G1/4	13
HD180038	R3/8	G3/8	17
HD180012	R1/2	G1/2	21
HD180034	R3/4	G3/4	25
HD180001	R1	G1	30

HD19
Lateral Tee M-F-F

	connection M	connection F	key
HD1900M5	M5	M5	9
HD190018	R1/8	G1/8	10
HD190014	R1/4	G1/4	13
HD190038	R3/8	G3/8	17
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 M	connection F	key
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)

Ø	connection	key
HD2404M5	M5	8
HD240618	G1/8	14
HD240718	G1/8	14
HD240818	G1/8	14
HD240918	G1/8	14
HD241018	G1/8	14
HD240614	G1/4	17
HD240714	G1/4	17
HD240814	G1/4	17
HD240914	G1/4	17
HD241014	G1/4	17
HD241214	G1/4	17
HD240938	G3/8	19
HD241038	G3/8	19

HD24
Tube adaptor (parallel thread)

Ø	connection	key
HD241238	G3/8	19
HD241438	G3/8	19
HD241738	G3/8	19
HD241212	G1/2	24
HD241412	G1/2	24
HD241712	G1/2	24
HD242012	G1/2	30
HD242034	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 M	connection F	key
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	M5
HD320018	G1/8
HD320014	G1/4

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. 3.92/93)