

CHARACTERISTICS

Temperature	-20 ÷ 70 °C (based on the type of tube)
Fluid	compressed air, vacuum
Max pressure	16 bar
Working pressure	-0,99 ÷ 10 bar
Body	nickel-plated brass
Fixing elements	nickel-plated brass with O-ring in NBR for parallel thread version (standard) Teflon coating for taper thread version (upon request)
Clamp	stainless steel AISI 316
Release ring	nickel-plated brass
Application fields	pneumatic circuits
Recommended hoses	polyamide PA 10.12, polyurethane Sh.A98, co-polyurethane Sh.55D

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<p>HB04 Straight parallel male</p>  <table border="1"> <thead> <tr> <th colspan="2">Ø connection</th> <th colspan="2">Ø connection</th> </tr> </thead> <tbody> <tr><td>HB0403M3</td><td>3 M3</td><td>HB040514</td><td>5 G1/4</td></tr> <tr><td>HB0403M5</td><td>3 M5</td><td>HB040414</td><td>4 G1/4</td></tr> <tr><td>HB0404M5</td><td>4 M5</td><td>HB041438</td><td>14 G3/8</td></tr> <tr><td>HB0405M5</td><td>5 M5</td><td>HB041238</td><td>12 G3/8</td></tr> <tr><td>HB0406M5</td><td>6 M5</td><td>HB041038</td><td>10 G3/8</td></tr> <tr><td>HB041018</td><td>10 G1/8</td><td>HB040838</td><td>8 G3/8</td></tr> <tr><td>HB040818</td><td>8 G1/8</td><td>HB040638</td><td>6 G3/8</td></tr> <tr><td>HB040618</td><td>6 G1/8</td><td>HB041412</td><td>14 G1/2</td></tr> <tr><td>HB040518</td><td>5 G1/8</td><td>HB041212</td><td>12 G1/2</td></tr> <tr><td>HB040418</td><td>4 G1/8</td><td>HB041012</td><td>10 G1/2</td></tr> <tr><td>HB041214</td><td>12 G1/4</td><td>HB040812</td><td>8 G1/2</td></tr> <tr><td>HB041014</td><td>10 G1/4</td><td></td><td></td></tr> <tr><td>HB040814</td><td>8 G1/4</td><td></td><td></td></tr> <tr><td>HB040614</td><td>6 G1/4</td><td></td><td></td></tr> </tbody> </table>		Ø connection		Ø connection		HB0403M3	3 M3	HB040514	5 G1/4	HB0403M5	3 M5	HB040414	4 G1/4	HB0404M5	4 M5	HB041438	14 G3/8	HB0405M5	5 M5	HB041238	12 G3/8	HB0406M5	6 M5	HB041038	10 G3/8	HB041018	10 G1/8	HB040838	8 G3/8	HB040818	8 G1/8	HB040638	6 G3/8	HB040618	6 G1/8	HB041412	14 G1/2	HB040518	5 G1/8	HB041212	12 G1/2	HB040418	4 G1/8	HB041012	10 G1/2	HB041214	12 G1/4	HB040812	8 G1/2	HB041014	10 G1/4			HB040814	8 G1/4			HB040614	6 G1/4			<p>HB07 Straight female</p>  <table border="1"> <thead> <tr> <th colspan="2">Ø connection</th> </tr> </thead> <tbody> <tr><td>HB0704M5</td><td>4 M5</td></tr> <tr><td>HB070418</td><td>4 G1/8</td></tr> <tr><td>HB070518</td><td>5 G1/8</td></tr> <tr><td>HB070618</td><td>6 G1/8</td></tr> <tr><td>HB070818</td><td>8 G1/8</td></tr> <tr><td>HB071038</td><td>10 G3/8</td></tr> <tr><td>HB070414</td><td>4 G1/4</td></tr> <tr><td>HB070514</td><td>5 G1/4</td></tr> <tr><td>HB070614</td><td>6 G1/4</td></tr> <tr><td>HB070814</td><td>8 G1/4</td></tr> <tr><td>HB071014</td><td>10 G1/4</td></tr> </tbody> </table>		Ø connection		HB0704M5	4 M5	HB070418	4 G1/8	HB070518	5 G1/8	HB070618	6 G1/8	HB070818	8 G1/8	HB071038	10 G3/8	HB070414	4 G1/4	HB070514	5 G1/4	HB070614	6 G1/4	HB070814	8 G1/4	HB071014	10 G1/4
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HB20
Intermediate elbow



	Ø
HB200300	3
HB200400	4
HB200500	5
HB200600	6
HB200800	8
HB201000	10
HB201200	12
HB201400	14

HB21
Intermediate Tee



	Ø1	Ø2
HB210300	3	3
HB210400	4	4
HB210500	5	5
HB210600	6	6
HB210604	6	4
HB210800	8	8
HB210806	8	6
HB211000	10	10
HB211008	10	8
HB211200	12	12
HB211400	14	14

HB24
Reducing stem



	Ø1	Ø2		Ø1	Ø2
HB240405	4	5	HB240612	6	12
HB240406	4	6	HB240614	6	14
HB240408	4	8	HB240806	8	6
HB240412	4	12	HB240810	8	10
HB240414	4	14	HB240812	8	12
HB240506	5	6	HB240814	8	14
HB240508	5	8	HB241012	10	12
HB240604	6	4	HB241014	10	14
HB240608	6	8	HB241214	12	14
HB240610	6	10			

HB26
Plug



	Ø
HB260400	4
HB260500	5
HB260600	6
HB260800	8
HB261000	10
HB261200	12
HB261400	14

HB27
Swivel banjo connector (parallel thread) with allen head



	Ø	connection		Ø	connection
HB2703M3	3	M3	HB270614	6	G1/4
HB2703M5	3	M5	HB270814	8	G1/4
HB2704M5	4	M5	HB271014	10	G1/4
HB2705M5	5	M5	HB271214	12	G1/4
HB270418	4	G1/8	HB270838	8	G3/8
HB270518	5	G1/8	HB271038	10	G3/8
HB270618	6	G1/8	HB271238	12	G3/8
HB270818	8	G1/8			

HB33
Bulkhead connector



	Ø
HB330004	4
HB330005	5
HB330006	6
HB330008	8
HB330010	10
HB330012	12
HB330014	14

HB34
Threaded bulkhead connector



	Ø	connection
HB340418	4	G1/8
HB340618	6	G1/8
HB340818	8	G1/8
HB340614	6	G1/4
HB340814	8	G1/4

HB35
Elbow bulkhead connector



	Ø
HB350004	4
HB350006	6
HB350008	8
HB350010	10

HB38
Stem elbow



	Ø1	Ø2
HB380400	4	4
HB380406	4	6
HB380600	6	6
HB380608	6	8
HB380800	8	8
HB381000	10	10
HB381200	12	12

HB39
Extended stem elbow



	Ø1	Ø2
HB390400	4	4
HB390406	4	6
HB390600	6	6
HB390608	6	8
HB390800	8	8

HB40
Single banjo (without bolt)



	Ø	bolt
HB4004M5	4	M5
HB4005M5	5	M5
HB4006M5	6	M5
HB400418	4	G1/8
HB400518	5	G1/8
HB400618	6	G1/8
HB400818	8	G1/8
HB400614	6	G1/4
HB400814	8	G1/4
HB401014	10	G1/4
HB401214	12	G1/4
HB400838	8	G3/8
HB401038	10	G3/8
HB401238	12	G3/8

HB41
Double banjo (without bolt)



	Ø	bolt
HB4104M5	4	M5
HB4105M5	5	M5
HB410418	4	G1/8
HB410518	5	G1/8
HB410618	6	G1/8
HB410818	8	G1/8
HB410614	6	G1/4
HB410814	8	G1/4
HB411014	10	G1/4
HB410838	8	G3/8
HB411038	10	G3/8
HB411238	12	G3/8

HB42
Single banjo bolt



	connection
HB4200M5	M5
HB420018	G1/8
HB420014	G1/4
HB420038	G3/8

HB43
Double banjo bolt



	connection
HB430018	G1/8
HB430014	G1/4
HB430038	G3/8

HB44
Triple banjo bolt



	connection
HB440018	G1/8
HB440014	G1/4
HB440038	G3/8

HB45
Swivel banjo central Tee (parallel male) with allen head



	Ø	connection
HB4504M5	4	M5
HB4505M5	5	M5
HB450418	4	G1/8
HB450518	5	G1/8
HB450618	6	G1/8
HB450818	8	G1/8
HB450614	6	G1/4
HB450814	8	G1/4
HB451014	10	G1/4
HB450838	8	G3/8
HB451038	10	G3/8
HB451238	12	G3/8

HB47
Double swivel banjo connector (male thread) with allen head



	Ø	connection
HB470418	4	G1/8
HB470618	6	G1/8
HB470818	8	G1/8
HB470614	6	G1/4
HB470814	8	G1/4
HB471014	10	G1/4
HB471214	12	G1/4

HB48
Triple swivel banjo connector (parallel thread) with allen head



	Ø	connection
HB480418	4	G1/8
HB480618	6	G1/8
HB480818	8	G1/8
HB480614	6	G1/4
HB480814	8	G1/4
HB481014	10	G1/4
HB481214	12	G1/4

HB49
Double stem



	Ø
HB490400	4
HB490500	5
HB490600	6
HB490800	8
HB491000	10
HB491200	12
HB491400	14

HB51
Adaptor parallel male



	Ø	connection		Ø	connection
HB5104M5	4	M5	HB510614	6	G1/4
HB5105M5	5	M5	HB510814	8	G1/4
HB5106M5	6	M5	HB511014	10	G1/4
HB510418	4	G1/8	HB511214	12	G1/4
HB510518	5	G1/8	HB510838	8	G3/8
HB510618	6	G1/8	HB511038	10	G3/8
HB510818	8	G1/8	HB511238	12	G3/8
HB511018	10	G1/8	HB511438	14	G3/8
HB510414	4	G1/4	HB511212	12	G1/2
HB510514	5	G1/4	HB511412	14	G1/2

HB53
Fixed elbow taper male



	Ø	connection
HB530418	4	R1/8
HB530518	5	R1/8
HB530618	6	R1/8
HB530818	8	R1/8
HB530614	6	R1/4
HB530814	8	R1/4
HB531014	10	R1/4