

CHARACTERISTICS

Temperature	-20 ÷ 80 °C
Fluid	compressed air, vacuum
Max pressure	16 bar (based on the type of tube)
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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HB04
Straight parallel male



	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			

HB07
Straight female



	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

HB08
Swivel elbow female



	Ø	connection
HB080418	4	G1/8
HB080618	6	G1/8
HB080818	8	G1/8
HB080414	4	G1/4
HB080614	6	G1/4
HB080814	8	G1/4

HB10
Swivel elbow male



	Ø	connection		Ø	connection
HB1004M5	4	M5	HB100838	8	G3/8
HB1005M5	5	M5	HB101038	10	G3/8
HB1006M5	6	M5	HB101238	12	G3/8
HB100418	4	G1/8	HB101438	14	G3/8
HB100518	5	G1/8	HB101012	10	G1/2
HB100618	6	G1/8	HB101212	12	G1/2
HB100818	8	G1/8	HB101412	14	G1/2
HB100414	4	G1/4			
HB100514	5	G1/4			
HB100614	6	G1/4			
HB100814	8	G1/4			
HB101014	10	G1/4			
HB101214	12	G1/4			
HB100638	6	G3/8			

HB12
Extended swivel elbow male



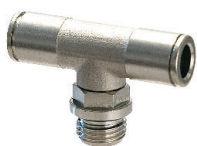
	Ø	connection
HB1204M5	4	M5
HB1206M5	6	M5
HB120418	4	G1/8
HB120618	6	G1/8
HB120818	8	G1/8
HB120414	4	G1/4
HB120614	6	G1/4
HB120814	8	G1/4
HB121014	10	G1/4

HB14
Lateral Tee parallel male



	Ø	connection
HB1404M5	4	M5
HB140418	4	G1/8
HB140618	6	G1/8
HB140818	8	G1/8
HB140414	4	G1/4
HB140614	6	G1/4
HB140814	8	G1/4
HB141014	10	G1/4
HB141214	12	G1/4
HB140838	8	G3/8
HB141038	10	G3/8
HB141238	12	G3/8
HB141412	14	G1/2

HB16
Central Tee male



	Ø	connection
HB1604M5	4	M5
HB160418	4	G1/8
HB160618	6	G1/8
HB160818	8	G1/8
HB160414	4	G1/4
HB160614	6	G1/4
HB160814	8	G1/4
HB161014	10	G1/4
HB161214	12	G1/4
HB160838	8	G3/8
HB161038	10	G3/8
HB161238	12	G3/8
HB161412	14	G1/2

HB19
Straight



	Ø1	Ø2
HB190303	3	3
HB190404	4	4
HB190505	5	5
HB190604	6	4
HB190606	6	6
HB190806	8	6
HB190808	8	8
HB191008	10	8
HB191010	10	10
HB191210	12	10
HB191212	12	12
HB191412	14	12
HB191414	14	14

■ **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