

CHARACTERISTICS

Temperature	-20 ÷ 80 °C (based on the type of tube)
Fluid	compressed air, vacuum
Max pressure	15 bar
Working pressure	-0,99 ÷ 10 bar
Body	technopolymer
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
Release ring	technopolymer
Application fields	pneumatic circuits
Recommended hoses	polyamide PA 10.12, polyurethane Sh.A98, co-polyurethane Sh.55D

HA02

Smooth body straight parallel male



	Ø	connection
HA0204M5	4	M5
HA0206M5	6	M5
HA020418	4	G1/8
HA020618	6	G1/8
HA020818	8	G1/8
HA020414	4	G1/4
HA020614	6	G1/4
HA020814	8	G1/4
HA021014	10	G1/4
HA020838	8	G3/8
HA021038	10	G3/8
HA021238	12	G3/8
HA021012	10	G1/2
HA021212	12	G1/2

HA04

Straight parallel male



	Ø	connection
HA0404M5	4	M5
HA0406M5	6	M5
HA040418	4	G1/8
HA040618	6	G1/8
HA040818	8	G1/8
HA040414	4	G1/4
HA040614	6	G1/4
HA040814	8	G1/4
HA041014	10	G1/4
HA040838	8	G3/8
HA041038	10	G3/8
HA041238	12	G3/8
HA041012	10	G1/2
HA041212	12	G1/2

HA06

Plastic straight parallel male



	Ø	connection
HA060618	6	G1/8
HA060818	8	G1/8
HA060614	6	G1/4
HA060814	8	G1/4
HA061014	10	G1/4
HA060838	8	G3/8
HA061038	10	G3/8
HA061238	12	G3/8
HA061012	10	G1/2
HA061212	12	G1/2

HA07

Straight female



	Ø	connection
HA070418	4	G1/8
HA070618	6	G1/8
HA070818	8	G1/8
HA070614	6	G1/4
HA070814	8	G1/4
HA071014	10	G1/4
HA070838	8	G3/8
HA071038	10	G3/8
HA071238	12	G3/8
HA071212	12	G1/2

HA08

Swivel elbow female



	Ø	connection
HA080418	4	G1/8
HA080618	6	G1/8
HA080818	8	G1/8
HA080614	4	G1/4
HA080814	8	G1/4
HA081014	10	G1/4
HA080838	8	G3/8
HA081038	10	G3/8
HA081238	12	G3/8
HA081212	12	G1/2

HA10B

Low elbow



NEW

	Ø	connection
HA10B04M5	4	M5
HA10B06M5	6	M5
HA10B0418	4	G1/8
HA10B0618	6	G1/8
HA10B0818	8	G1/8
HA10B0414	4	G1/4
HA10B0614	6	G1/4
HA10B0814	8	G1/4
HA10B1014	10	G1/4
HA10B0838	8	G3/8
HA10B1038	10	G3/8
HA10B1238	12	G3/8
HA10B1012	10	G1/2
HA10B1212	12	G1/2

HA12

Extended swivel elbow parallel male



	Ø	connection
HA1204M5	4	M5
HA1206M5	6	M5
HA120418	4	G1/8
HA120618	6	G1/8
HA120818	8	G1/8
HA120414	4	G1/4
HA120614	6	G1/4
HA120814	8	G1/4
HA121014	10	G1/4
HA120638	6	G3/8
HA120838	8	G3/8
HA121038	10	G3/8
HA121238	12	G3/8
HA121012	10	G1/2
HA121212	12	G1/2

HA12B

Extended swivel low elbow parallel male



NEW

	Ø	connection
HA12B04M5	4	M5
HA12B06M5	6	M5
HA12B0418	4	G1/8
HA12B0618	6	G1/8
HA12B0818	8	G1/8
HA12B0414	4	G1/4
HA12B0614	6	G1/4
HA12B0814	8	G1/4
HA12B1014	10	G1/4
HA12B0638	6	G3/8
HA12B0838	8	G3/8
HA12B1038	10	G3/8
HA12B1238	12	G3/8
HA12B1012	10	G1/2
HA12B1212	12	G1/2

HA14

Lateral Tee male



	Ø	connection
HA1404M5	4	M5
HA1406M5	6	M5
HA140418	4	G1/8
HA140618	6	G1/8
HA140818	8	G1/8
HA140614	6	G1/4
HA140814	8	G1/4
HA141014	10	G1/4
HA140838	8	G3/8
HA141038	10	G3/8
HA141238	12	G3/8
HA141012	10	G1/2
HA141212	12	G1/2

HA14B

Low lateral Tee male



NEW

	Ø	connection
HA14B04M5	4	M5
HA14B06M5	6	M5
HA14B0418	4	G1/8
HA14B0618	6	G1/8
HA14B0818	8	G1/8
HA14B0614	6	G1/4
HA14B0814	8	G1/4
HA14B1014	10	G1/4
HA14B0838	8	G3/8
HA14B1038	10	G3/8
HA14B1238	12	G3/8
HA14B1012	10	G1/2
HA14B1212	12	G1/2

HA16

Central Tee male



	Ø	connection
HA1604M5	4	M5
HA1606M5	6	M5
HA160418	4	G1/8
HA160618	6	G1/8
HA160818	8	G1/8
HA160614	6	G1/4
HA160814	8	G1/4
HA161014	10	G1/4
HA160838	8	G3/8
HA161038	10	G3/8
HA161238	12	G3/8
HA161012	10	G1/2
HA161212	12	G1/2

HA16B

Low central Tee male



NEW

	Ø	connection
HA16B04M5	4	M5
HA16B06M5	6	M5
HA16B0418	4	G1/8
HA16B0618	6	G1/8
HA16B0818	8	G1/8
HA16B0614	6	G1/4
HA16B0814	8	G1/4
HA16B1014	10	G1/4
HA16B0838	8	G3/8
HA16B1038	10	G3/8
HA16B1238	12	G3/8
HA16B1012	10	G1/2
HA16B1212	12	G1/2

HA18
Y parallel male



	Ø	connection
HA1804M5	4	M5
HA1806M5	6	M5
HA180418	4	G1/8
HA180618	6	G1/8
HA180818	8	G1/8
HA180614	6	G1/4
HA180814	8	G1/4
HA181014	10	G1/4
HA180838	8	G3/8
HA181038	10	G3/8
HA181238	12	G3/8
HA181012	10	G1/2
HA181212	12	G1/2

HA19
Intermediate straight



	Ø1	Ø2
HA190400	4	4
HA190600	6	6
HA190604	6	4
HA190800	8	8
HA190806	8	6
HA191000	10	10
HA191008	10	8
HA191200	12	12
HA191210	12	10

HA20
Intermediate elbow



	Ø
HA200400	4
HA200600	6
HA200800	8
HA201000	10
HA201200	12

HA21
Intermediate lateral Tee



	Ø
HA210400	4
HA210600	6
HA210800	8
HA211000	10
HA211200	12

HA22
Intermediate cross



	Ø
HA220400	4
HA220600	6
HA220800	8
HA221000	10
HA221200	12

HA23
Intermediate Y connector



	Ø1	Ø2
HA230404	4	4
HA230604	6	4
HA230606	6	6
HA230806	8	6
HA230808	8	8
HA231008	10	8
HA231010	10	10
HA231210	12	10
HA231212	12	12

HA24
Reducing stem



	Ø1	Ø2
HA240406	4	6
HA240408	4	8
HA240608	6	8
HA240610	6	10
HA240810	8	10
HA240812	8	12
HA241012	10	12

HA25
Y connector with male stem



	Ø
HA250400	4
HA250600	6
HA250800	8
HA251000	10
HA251200	12

HA26
Plug



	Ø
HA260400	4
HA260600	6
HA260800	8
HA261000	10
HA261200	12

HA27
Swivel banjo connector (parallel male thread) with wrench head



	Ø	connection
HA2704M5	4	M5
HA2706M5	6	M5
HA270418	4	G1/8
HA270618	6	G1/8
HA270818	8	G1/8
HA270614	6	G1/4
HA270814	8	G1/4
HA271014	10	G1/4
HA270838	8	G3/8
HA271038	10	G3/8
HA271238	12	G3/8
HA271012	10	G1/2
HA271212	12	G1/2

HA28
Swivel banjo connector parallel male-female



	Ø	connection
HA2804M5	4	M5
HA2806M5	6	M5
HA280418	4	G1/8
HA280618	6	G1/8
HA280818	8	G1/8
HA280614	6	G1/4
HA280814	8	G1/4
HA281014	10	G1/4
HA280838	8	G3/8
HA281038	10	G3/8
HA281238	12	G3/8
HA281012	10	G1/2
HA281212	12	G1/2

HA29
Triple branch lateral Tee



	Ø
HA290400	4
HA290600	6
HA290800	8

HA30
Triple branch lateral Tee



	Ø1	Ø2
HA300604	6	4
HA300804	8	4
HA300806	8	6
HA301006	10	6
HA301008	10	8

HA31
Triple branch lateral Tee male thread



	Ø1	Ø2	connection
HA314618	6	4	G1/8
HA314814	8	4	G1/4
HA316814	8	6	G1/4
HA318138	10	8	G3/8
HA318112	10	8	G1/2

HA32
Triple branch lateral Tee male thread



	Ø	connection
HA320418	4	G1/8
HA320618	6	G1/8
HA320818	8	G1/8
HA320414	4	G1/4
HA320614	6	G1/4
HA320814	8	G1/4
HA320638	6	G3/8
HA320838	8	G3/8

■ HA33

Bulkhead connector



	Ø
HA330004	4
HA330006	6
HA330008	8
HA330010	10
HA330012	12

■ HA34

Threaded bulkhead connector



	Ø	connection
HA340418	4	G1/8
HA340618	6	G1/8
HA340818	8	G1/8
HA340414	4	G1/4
HA340614	6	G1/4
HA340814	8	G1/4
HA341014	10	G1/4
HA340838	8	G3/8
HA341038	10	G3/8
HA341238	12	G3/8
HA341012	10	G1/2
HA341212	12	G1/2

■ HA35

Elbow bulkhead connector



	Ø
HA350004	4
HA350006	6
HA350008	8
HA350010	10
HA350012	12

■ HA38

Stem elbow



	Ø
HA380400	4
HA380600	6
HA380800	8
HA381000	10
HA381200	12

■ HA39

Intermediate double Y



	Ø1	Ø2
HA390604	6	4
HA390804	8	4
HA390806	8	6
HA390808	8	8

NEW

■ HA40

Double Y parallel male



	Ø	connection
HA400418	4	G1/8
HA400618	6	G1/8
HA400818	8	G1/8
HA400614	6	G1/4
HA400814	8	G1/4
HA401014	10	G1/4
HA400638	6	G3/8
HA400838	8	G3/8
HA400612	6	G1/2
HA400812	8	G1/2

NEW

■ HA41

Swivel banjo connector (parallel thread) with allen head



	Ø	connection
HA410418	4	G1/8
HA410618	6	G1/8
HA410818	8	G1/8
HA410414	4	G1/4
HA410614	6	G1/4
HA410814	8	G1/4
HA411014	10	G1/4
HA411214	12	G1/4
HA410438	4	G3/8
HA410638	6	G3/8
HA410838	8	G3/8
HA411038	10	G3/8
HA411238	12	G3/8
HA410812	8	G1/2
HA411012	10	G1/2
HA411212	12	G1/2

NEW

■ HA42

Double banjo connector (parallel thread) with allen head



	Ø	connection
HA420418	4	G1/8
HA420618	6	G1/8
HA420818	8	G1/8
HA420414	4	G1/4
HA420614	6	G1/4
HA420814	8	G1/4
HA421014	10	G1/4
HA421214	12	G1/4
HA420438	4	G3/8
HA420638	6	G3/8
HA420838	8	G3/8
HA421038	10	G3/8
HA421238	12	G3/8
HA420812	8	G1/2
HA421012	10	G1/2
HA421212	12	G1/2

NEW

■ HA43

Triple banjo connector (parallel thread) with allen head



	Ø	connection
HA430418	4	G1/8
HA430618	6	G1/8
HA430818	8	G1/8
HA430414	4	G1/4
HA430614	6	G1/4
HA430814	8	G1/4
HA431014	10	G1/4
HA431214	12	G1/4
HA430438	4	G3/8
HA430638	6	G3/8
HA430838	8	G3/8
HA431038	10	G3/8
HA431238	12	G3/8
HA430812	8	G1/2
HA431012	10	G1/2
HA431212	12	G1/2

NEW

■ Teflon coated taper thread
(available upon request for all HA models)



■ HC01/HC02



■ HC04



■ HC01T/HC02T



■ HC01L/HC02L



Technopolymer flow regulators (p. 5.9)