Male Connector: KAH

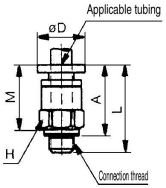
<M5, M6>

<Uni thread>

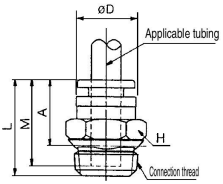
Applicable tubing O.D. (mm)	Connection thread M thread Uni thread	Model	H (width across flats)	øD	L	A*	M	Effective area (mm²) Soft nylon	Effective area (mm²) Urethane	Weight (g)
3.2	M5 x 0.8	**KAH23-M5**	7	8.5	17	14	13	3.4	2.9	2.1
	M6 x 1	**KAH23-M6**	8		17.5					
	1/8	**KAH23-U01**	10		12.5	8.5				4
4	M5 x 0.8	**KAH04-M5**	8	9.5	17	14	13	4	4	2
	M6 x 1	**KAH04-M6**			17.5					
	1/8	**KAH04-U01**	10	10	18.5	13.5	16	5.6	5.6	5
	1/4	**KAH04-U02**	14		16.5	10.5				10
6	M5 x 0.8	**KAH06-M5**	10	11.5	18.5	15	14	4	4	3
	M6 x 1	**KAH06-M6**			19					
	1/8	**KAH06-U01**	12	12	19.5	14.5	17	13.1	13.1	5
	1/4	**KAH06-U02**	14			13				10
	3/8	**KAH06-U03**	17		17.5	11.5				16
8	1/8	**KAH08-U01**	14	14	25	20.5	18.5	18.0	18.0	11
	1/4	**KAH08-U02**			21.5	15.5				27
	3/8	**KAH08-U03**	17		19.5	13.5				33
10	1/8	**KAH10-U01**	17	17	28	23	21	29.5	29.5	17
	1/4	**KAH10-U02**				22				
	3/8	**KAH10-U03**			24	18				14
	1/2	**KAH10-U04**	22		22	14				28
12	1/4	**KAH12-U02**	19	19	30.5	24.5	22	46.1	46.1	22
	3/8	**KAH12-U03**			25.5	19.5				16
	1/2	**KAH12-U04**	22		24.5	16.5				28

* Reference dimensions after Uni thread installation.

<M5, M6>



<Uni thread>



Male Elbow: KAL

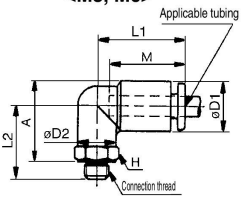
<M5, M6>

<Uni thread>

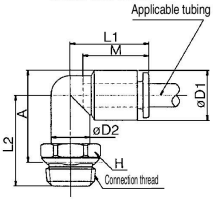
Applicable tubing O.D. (mm)	Connection thread M thread Uni thread	Model	H (width across flats)	øD1	øD2	L1	L2	A*	M	Effective area (mm²) Soft nylon	Effective area (mm²) Urethane	Weight (g)
3.2	M5 x 0.8	**KAL23-M5**	8	9.6	8	17.5	15	16	15.5	3.4	2.9	6
	M6 x 1	**KAL23-M6**					15.5					7
	1/8	**KAL23-U01**	10		10		19.5	21				8
4	M5 x 0.8	**KAL04-M5**	8	10.4	8	18	15.5	16	16	3.5	3.5	4
	M6 x 1	**KAL04-M6**					16					5
	1/8	**KAL04-U01**	10		10		20	20.5		4.2	4.2	8
	1/4	**KAL04-U02**	14				22	21.5				14
6	M5 x 0.8	**KAL06-M5**	8	12.8	8	20	16	18	17	3.5	3.5	6
	M6 x 1	**KAL06-M6**					16.5					5
	1/8	**KAL06-U01**	10		10		21.5	23.5		11.4	11.4	9
	1/4	**KAL06-U02**	14				23					15
	3/8	**KAL06-U03**	17				24	24.5				23
8	1/8	**KAL08-U01**	12	15.2	12	23	22.5	25.5	18.5	14.9	14.9	11
	1/4	**KAL08-U02**	14				24.5	26				16
	3/8	**KAL08-U03**	17				25.5	27				24
10	1/8	**KAL10-U01**	17	18.5	17	26.5	25	29.5	21	14.9	14.9	24
	1/4	**KAL10-U02**					26.5	30		25.0	25.0	21
	3/8	**KAL10-U03**					27	30.5				25
	1/2	**KAL10-U04**	22				30	31.5				45
12	1/4	**KAL12-U02**	17	20.9	17	28.5	27	31.5	22	39.7	39.7	23
	3/8	**KAL12-U03**					28	32.5				27
	1/2	**KAL12-U04**	22				31	33.5				48

* Reference dimensions after Uni thread installation.

<M5, M6>

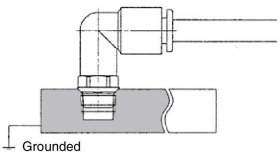


<Uni thread>



⚠Precautions

Be sure to read this before handling the products.
Refer to back page 50 for Safety Instructions and pages 13 to 17 for Fittings and Tubing Precautions.



⚠Caution

1. Female thread portion connected with fitting must be grounded, otherwise static electricity will remain in the fittings and tubes.