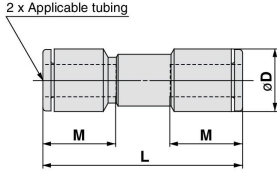


AKH/AKB Series

Dimensions

Straight type: AKH



Metric Size

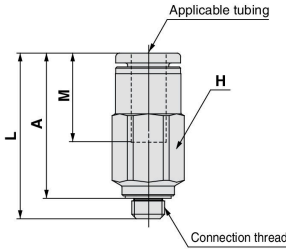
Applicable tubing O.D.	Model	øD	L	M	Sonic conductance dm ³ /(s·bar)	Critical pressure ratio	Weight (g)
4	AKH04-00	9.3	33.5	12.7	0.56	0.35	3
6	AKH06-00	11.6	37.1	13.5	1.3		5
8	AKH08-00	15.2	53.3	18.5	2.8		10
10	AKH10-00	18.5	63.6	21	4.8	0.5	17
12	AKH12-00	21.7	70.2	22	6.8		25

Inch Size

Applicable tubing O.D.	Model	øD	L	M	Sonic conductance dm ³ /(s·bar)	Critical pressure ratio	Weight (g)
5/32	AKH03-00	9.3	33.5	12.7	0.56	0.35	3
1/4	AKH07-00	12	39	13.6	1.3		6
5/16	AKH09-00	15.2	53.3	18.5	2.8		10
3/8	AKH11-00	18.5	63.6	21	4.8	0.5	17
1/2	AKH13-00	21.7	70.2	22	6.8		24

Male connector type: AKH

<For M5, UNF10-32>



Metric Size

Applicable tubing O.D.	Connection thread R	Model	H (Hexagon with across face)	L	A*	M	Sonic conductance dm ³ /(s·bar)	Critical pressure ratio	Weight (g)	
4	M5 x 0.8	AKH04□-M5	8	24.3	21.2	12.7	0.56	0.35	5	
	1/8	AKH04□-01S	10	24.6	20.6				10	
6	M5 x 0.8	AKH06□-M5	10	25.8	22.2	13.5	0.56		8	
	1/8	AKH06□-01S		26.9	22.9				1.3	22
	1/4	AKH06□-02S		14	30				24	17
8	1/8	AKH08□-01S	14	31.7	27.7	18.5	1.3		16	
	1/4	AKH08□-02S		42	36			24	24	
	3/8	AKH08□-03S		17	42			35.5	43	
10	1/4	AKH10□-02S	17	54.3	48.3	21	4.8	45		
	3/8	AKH10□-03S		47.3	40.8			39		
	1/2	AKH10□-04S		22	49.3			41.3	80	
12	3/8	AKH12□-03S	19	60.5	54	22	6.8	62		
	1/2	AKH12□-04S		22	54.5			46.5	80	

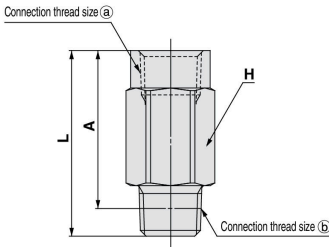
* Reference dimensions of R thread after installation.

Inch Size

Applicable tubing O.D.	Connection thread NPT	Model	H (Hexagon with across face)	L	A*	M	Sonic conductance dm ³ /(s·bar)	Critical pressure ratio	Weight (g)	
5/32	10-32 UNF	AKH03□-U10/32	8	24.3	21.2	12.7	0.56	0.35	5	
	1/8	AKH03□-N01S	11.11	24.6	20.6				10	
1/4	10-32 UNF	AKH07□-U10/32	11.11	25.8	22.7	13.6	0.56		10	
	1/8	AKH07□-N01S		26.9	22.9				1.3	11
	1/4	AKH07□-N02S		14.29	31				25	17
5/16	1/8	AKH09□-N01S	14.29	31.7	27.7	18.5	1.3		16	
	1/4	AKH09□-N02S		42	36			24		
	3/8	AKH09□-N03S		17.46	42			35.5	43	
3/8	1/4	AKH11□-N02S	17.46	54.2	48.3	21	4.8	47		
	3/8	AKH11□-N03S		47.2	40.7			40		
	1/2	AKH11□-N04S		22.23	49.2			41.2	79	
1/2	3/8	AKH13□-N03S	22.23	60.5	54	22	6.8	87		
	1/2	AKH13□-N04S		22.23	54.5			46.5	85	

* Reference dimensions of NPT thread after installation.

Bushing type: AKB



Metric Size

Connection thread size R		Model	H	L	A*	Sonic conductance dm ³ /(s·bar)	Critical pressure ratio	Weight (g)
(a)	(b)							
1/8	1/8	AKB01□-01S	14	23.7	19.7	1.3	0.35	18
1/4	1/4	AKB02□-02S	17	39.8	33.8	2.8		44
3/8	3/8	AKB03□-03S	22	45.2	38.7	4.8		86
1/2	1/2	AKB04□-04S	24	56.2	48.2	6.8	0.5	113

* Reference dimensions of R thread after installation.

Inch Size

Connection thread size NPT		Model	H	L	A*	Sonic conductance dm ³ /(s·bar)	Critical pressure ratio	Weight (g)
(a)	(b)							
1/8	1/8	AKB01□-N01S	14.29	24.2	20.2	1.3	0.35	18
1/4	1/4	AKB02□-N02S	17.46	40	34	2.8		44
3/8	3/8	AKB03□-N03S	22.23	44.9	38.4	4.8		86
1/2	1/2	AKB04□-N04S	23.81	55.5	47.5	6.8	0.5	113

* Reference dimensions of NPT thread after installation.