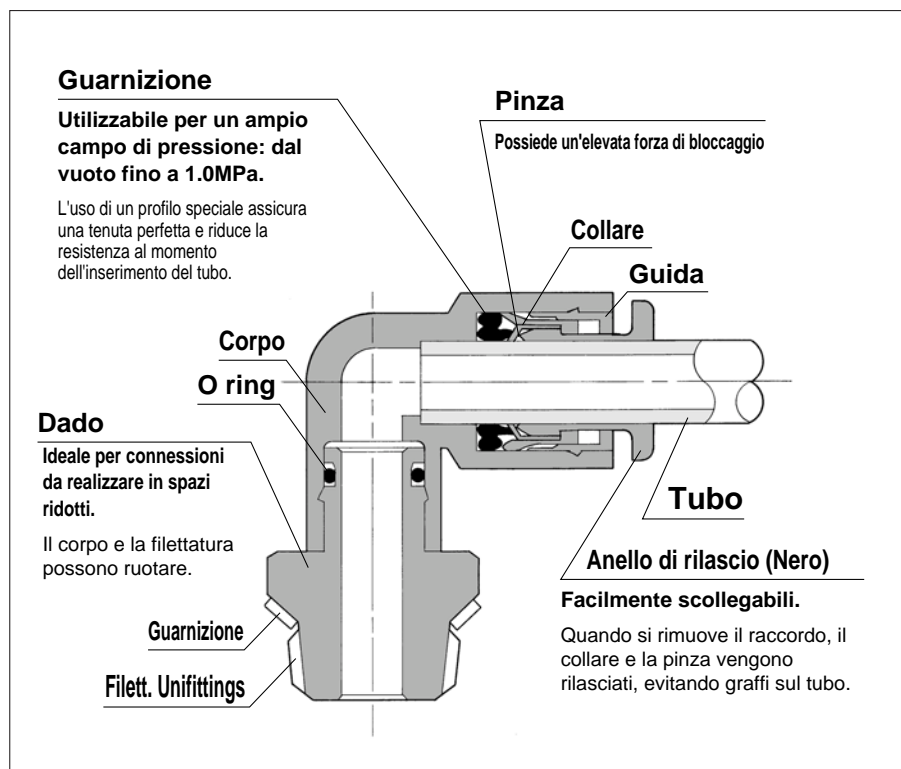


# Raccordi istantanei antistatici

## Serie KA

Fissaggio e rimozione possibili con una sola mano  
 Utilizzabile nel vuoto  
 (Max. -100kPa)  
 Utilizzabile in applicazioni rame esenti  
 Ignifugo  
 (a norma UL-94 V-0)  
 Resistenza di superficie:  
 $10^4 \div 10^7 \Omega$   
 Corpo e guarnizioni in resina conduttiva



### Tubi applicabili

Materiale del tubo	Nylon morbido e poliuretano antistatici
ø est. tubo	ø3.2, ø4, ø6, ø8, ø10, ø12

### Materiali



Corpo	C3604BD, PBT
Dado	C3604BD
Pinza	SUS304
Guida	SUS304, C3604BD, PBT
Collare, anello di rilascio	PBT
Guarnizione, O ring	NBR

- C3604BD sono tutti nichelati per elettrolisi.
- I componenti PBT hanno caratteristiche di conduttività ( $10^4$  a  $10^7 \Omega$ ) e sono ignifughi (a norma UL-VO)
- Conduttori NBR ( $10^4$  a  $10^7 \Omega$ ) vengono usati per guarnizione.

### Caratteristiche

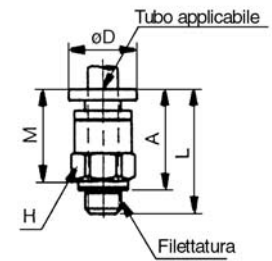
Fluido	Aria
Max. pressione d'esercizio	1.0MPa
Max. livello di vuoto	-100kPa
Pressione di prova	3.0MPa
Temperatura d'esercizio	0 ÷ 40°C
Filettatura	Filettatura Uni thread JISB0209, classe 2 (Filettatura metrica)
Materiale di tenuta (Parte filettata)	Guarnizione
Rame esente	Le parti in ottone sono tutte nichelate per elettrolisi.
Resistenza di superficie	$10^4 \div 10^7 \Omega$

## D'estremità diritto: KAH

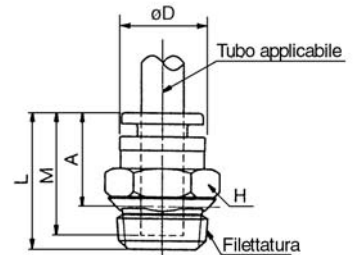
<M5, M6>	ø est. tubo (mm)	Filettatura di conn. Filettatura metrica Filett. Unifitting	Codici	H (Dado)	øD	L	A*	M	Sez. equivalente (mm <sup>2</sup> )		Peso (g)
									Nylon morbido	Poliuretano	
	3.2	M5	KAH23-M5	7	8.5	17	14	13	3.4	2.9	2.1
		M6	KAH23-M6	8		17.5					
		1/8	KAH23-U01	10	12.5	8.5	4				
	4	M5	KAH04-M5	8	9.5	17	14	13	4	4	2
		M6	KAH04-M6	8		17.5					
		1/8	KAH04-U01	10	18.5	13.5	5				
		1/4	KAH04-U02	14	16.5	10.5	10				
6	M5	KAH06-M5	10	11.5	18.5	15	14	4	4	3	
	M6	KAH06-M6	10		19						
	1/8	KAH06-U01	12	19.5	14.5	5					
8	1/4	KAH06-U02	14	12	13	17	13.1	13.1	16	10	
	3/8	KAH06-U03	17		17.5						11.5
	1/8	KAH08-U01	14	14	25	20.5	18.5	18.0	18.0	11	
1/4	KAH08-U02	14	21.5		15.5	27					
10	3/8	KAH08-U03	17	17	19.5	13.5	21	29.5	29.5	14	
	1/8	KAH10-U01	17		28	23					17
	1/4	KAH10-U02	17	24	18	22	14				
12	1/2	KAH10-U04	22	19	22	14	22	46.1	46.1	22	
	1/4	KAH12-U02	19		30.5	24.5					22
	3/8	KAH12-U03	19	25.5	19.5	16					
	1/2	KAH12-U04	22	24.5	16.5	28					

\* Dimensioni dopo installazione mediante filettatura Unifitting.


<M5, M6>



<Filettatura Unifitting>

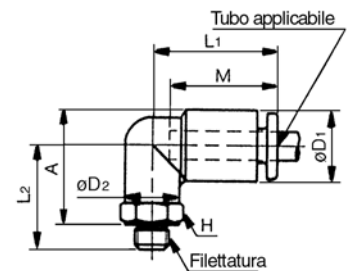


## D'estremità a gomito: KAL

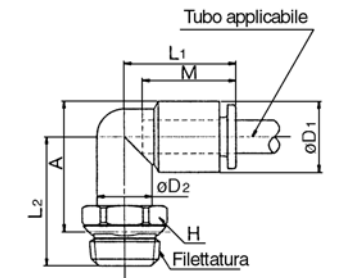
<M5, M6>	ø est. tubo (mm)	Filettatura di conn. M thread Fil. Unifitting	Codici	H (Dado)	øD1	øD2	L1	L2	A*	M	Sez. equivalente (mm <sup>2</sup> )		Peso (g)
											Nylon morbido	Poliuretano	
	3.2	M5	KAL23-M5	8	9.6	8	17.5	15	16	15.5	3.4	2.9	6
		M6	KAL23-M6	8				15.5					
		1/8	KAL23-U01	10	19.5	21	8						
4	M5	KAL04-M5	8	10.4	8	18	15.5	16	16	3.5	3.5	4	
	M6	KAL04-M6	8				16						
	1/8	KAL04-U01	10	20	20.5	8							
	1/4	KAL04-U02	14	22	21.5	14							
6	M5	KAL06-M5	8	12.8	8	20	16	18	17	3.5	3.5	6	
	M6	KAL06-M6	8				16.5						
	1/8	KAL06-U01	10	21.5	23.5	9							
8	1/4	KAL06-U02	14	10	23	24	24.5	11.4	11.4	14.9	14.9	15	
	3/8	KAL06-U03	17										24
	1/8	KAL08-U01	12	22.5	25.5	11							
10	1/4	KAL08-U02	14	15.2	12	23	24.5	26	18.5	14.9	14.9	16	
	3/8	KAL08-U03	17				25.5						27
	1/8	KAL10-U01	17	25	29.5	21	25.0	25.0	24				
12	1/4	KAL10-U02	17	18.5	17	26.5	26.5	30	21	25.0	25.0	21	
	3/8	KAL10-U03	17				27						30.5
	1/2	KAL10-U04	22	30	31.5	45							
	1/4	KAL12-U02	17	27	31.5	23							
3/8	KAL12-U03	17	28	32.5	27								
	1/2	KAL12-U04	22	31	33.5	48							

\* Dimensioni dopo installazione mediante filettatura Unifitting.

<M5, M6>



<Filettatura Unifitting>



<Filettatura Unifitting>



K

M

H

D

MS

T

LQ

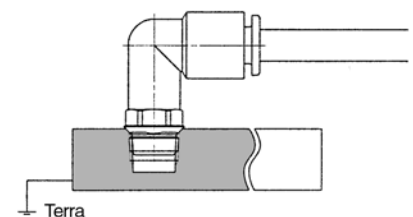
Camera sterile

## ⚠️ Precauzioni

**Leggere attentamente prima dell'uso.**  
**Vedere istruzioni di sicurezza e precauzioni comuni dei prodotti descritti in questo catalogo da p.0-26 a 0-27 e vedere a p.2.0-7 e 2.0-8 istruzioni dettagliate per tutte le serie.**






### Precauzioni

① La filettatura collegata al raccordo deve avere la messa a terra, in caso contrario i raccordi e i tubi avranno elettricità statica.

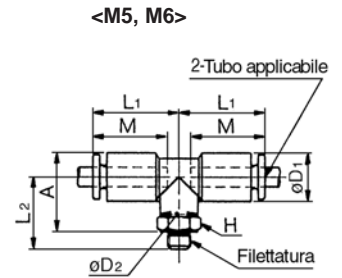


# Serie KA

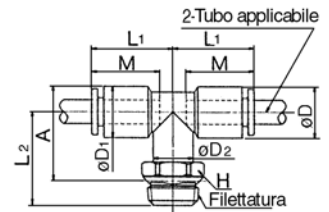
## D'estremità diritto a "T": KAT

<M5, M6>	Diam. est. tubo (mm)	Filettatura di conn. M thread Filett. Unifitting	Codici	H (Esag.)	øD1	øD2	L1	L2	A*	M	Sup. effettiva (mm <sup>2</sup> )		Peso (g)
											Nylon morbido	Poliuretano	
	3.2	M5	KAT23-M5	8	9.6	8	17.5	15	16	15.5	3.4	2.9	8
		M6	KAT23-M6	8				15.5					
		1/8	KAT23-U01	10	10	19.5	21	9					
	4	M5	KAT04-M5	8	10.4	8	18	15.5	17	16	4.3	4.3	6
		M6	KAT04-M6	8				16					
		1/8	KAT04-U01	10	10	20	21.5	6.0	6.0	9			
		1/4	KAT04-U02	14	22	15							
	6	M5	KAT06-M5	8	12.8	8	20	16	18	17	4.3	4.3	7
		M6	KAT06-M6	8				16.5					
		1/8	KAT06-U01	10	10	21.5	23.5	13.9	13.9	10			
		1/4	KAT06-U02	14	23	16							
3/8	KAT06-U03	17	24	24.5	25								
	8	1/8	KAT08-U01	12	15.2	12	23	22.5	26	18.5	18.2	18.2	14
		1/4	KAT08-U02	14				24.5					
		3/8	KAT08-U03	17	25.5	27	27						
		1/8	KAT10-U01	17	25	29.5	21	29.0	29.0	30			
1/4	KAT10-U02	17	26.5	30	27								
3/8	KAT10-U03	17	27	30.5	31								
1/2	KAT10-U04	22	30	31.5	51								
	12	1/4	KAT12-U02	17	20.9	17	28.5	27	31.5	22	45.2	45.2	31
		3/8	KAT12-U03	17				28					
		1/2	KAT12-U04	22	31	33.5	54						






\* Dimensioni dopo installazione mediante filettatura Unifitting.



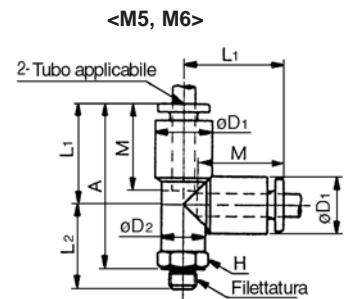
<Filettatura Unifitting>



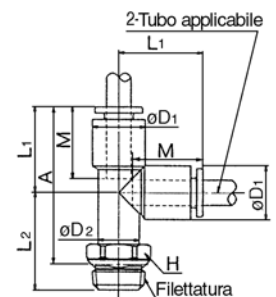
## D'estremità a "T" laterale : KAY

<M5, M6>	ø est. tubo (mm)	Filettatura di conn. M thread Filett. Unifitting	Codici	H (Dado)	øD1	øD2	L1	L2	A*	M	Sez. equivalente (mm <sup>2</sup> )		Peso (g)
											Nylon morbido	Poliuretano	
	3.2	M5	KAY23-M5	8	9.6	8	17.5	15	28.5	15.5	3.4	2.9	8
		M6	KAY23-M6	8				15.5					
		1/8	KAY23-U01	10	10	19.5	33	9					
	4	M5	KAY04-M5	8	10.4	8	18	15.5	29.5	16	4.6	4.6	6
		M6	KAY04-M6	8				16					
		1/8	KAY04-U01	10	10	20	34	6.4	6.4	9			
		1/4	KAY04-U02	14	18	22	34.5				15		
	6	M5	KAY06-M5	8	12.8	8	20	16	32	17	4.6	4.6	8
		M6	KAY06-M6	8				20.5					
		1/8	KAY06-U01	10	10	21.5	37.5	13.4	13.4	10			
		1/4	KAY06-U02	14	20	23	37				16		
3/8	KAY06-U03	17	24	38	25								
	8	1/8	KAY08-U01	12	15.2	12	23	22.5	41.5	18.5	17.7	17.7	14
		1/4	KAY08-U02	14				24.5					
		3/8	KAY08-U03	17	25.5	42.5	27						
		1/8	KAY10-U01	17	25	46.5	21	28.4	28.4	30			
1/4	KAY10-U02	17	26.5	47.5	27								
3/8	KAY10-U03	17	27	48	31								
1/2	KAY10-U04	22	30	49	51								
	12	1/4	KAY12-U02	17	20.9	17	28.5	27	49.5	22	45.4	45.4	31
		3/8	KAY12-U03	17				28					
		1/2	KAY12-U04	22	31	51.5	55						



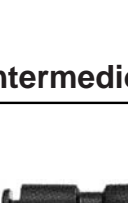
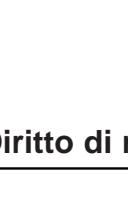


\* Dimensioni dopo installazione mediante filettatura Unifitting.



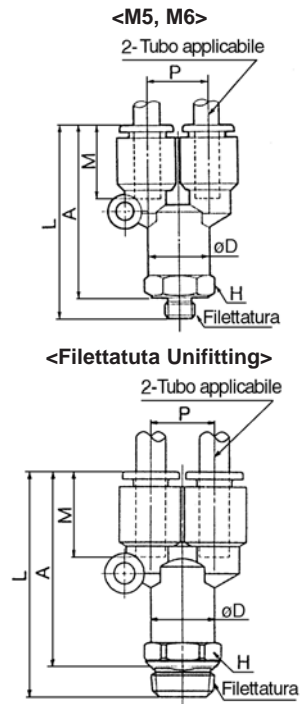
<Filettatura Unifitting>




## D'estremità a "Y": KAU

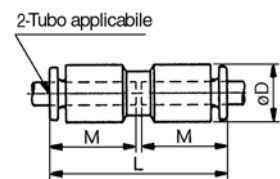
<M5, M6>	ø est. tubo (mm)	Filettatura di connessione M thread Filett. Unifitting	Codici	H (Dado)	øD	L	P	A*	M	Sez. equiv. (mm <sup>2</sup> )		Peso (g)
										Nylon morbido	Poliuretano	
	3.2	1/8	M5 KAU23-M5	10	9.6	38	9.6	34.5	15.5	2.2	2.2	9
			M6 KAU23-M6			38.5				2.2	2.2	
			KAU23-U01	11	3.4	2.9	11					
	4	1/8	M5 KAU04-M5	11	10.4	39.5	10.4	36	16	2.2	2.2	4
			M6 KAU04-M6			40				4.2	4.2	10
			KAU04-U01	14	4.2	4.2	11					
			KAU04-U02	14	42		16					
	6	1/8	M5 KAU06-M5	13	12.8	42.5	12.8	39	17	2.2	2.2	12
			M6 KAU06-M6			43						
			KAU06-U01	14	43.5	12.8	39.5	13.4	13.4	13		
			KAU06-U02	14	45		39			17		
			KAU06-U03	17	46		40			25		
			KAU06-U04	17	46		40			25		
	8	1/8	KAU08-U01	17	15.2	50.5	15.2	46	18.5	17.7	17.7	26
			KAU08-U02			52				46	18.5	17.7
			KAU08-U03	17	51.5		45.5			27		
	10	1/8	KAU10-U02	19	18.5	57.5	18.5	51.5	21	28.4	28.4	38
			KAU10-U03			59						
			KAU10-U04	22	59		51			51		
	12	1/8	KAU12-U02	22	20.9	61	20.9	55	22	45.4	45.4	53
			KAU12-U03			62.5						
			KAU12-U04	22	62.5		54.5			52		

\* Dimensioni dopo installazione mediante filettatura Unifitting.




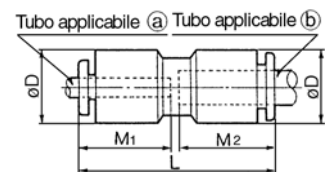
## Intermedio diretto: KAH

	ø est. tubo (mm)	Codici	øD	L	M	Sez. equivalente (mm <sup>2</sup> )		Peso (g)
						Nylon morbido	Poliuretano	
	3.2	KAH23-00	9.6	31.5	15.5	3.4	2.9	3
	4	KAH04-00	10.4	32.5	16	5.6	5.6	3
	6	KAH06-00	12.8	34.5	17	13.1	13.1	4
	8	KAH08-00	15.2	38.5	18.5	18.0	18.0	6
	10	KAH10-00	18.5	42.5	21	29.5	29.5	11
	12	KAH12-00	20.9	44.5	22	46.1	46.1	14



## Diritto di riduzione: KAH

	ø est. tubo (mm)		Codici	øD	L	M 1	M 2	Sez. equivalente (mm <sup>2</sup> )		Peso (g)
	a	b						Nylon morbido	Poliuretano	
	3.2	4	KAH23-04	10.4	32.5	15.5	16	3.2	2.7	3
	4	6	KAH04-06	12.8	34.5	16	17	4.2	4.2	4
	6	8	KAH06-08	15.2	38.5	17	18.5	10.7	10.7	6
	8	10	KAH08-10	18.5	42	18.5	21	16.7	16.7	11
	10	12	KAH10-12	20.9	44.5	21	22	28.2	28.2	14



K

M

H

D

MS

T

LQ

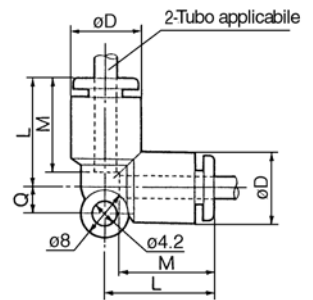
Camera sterile

# Serie KA

## Intermedio a gomito: KAL



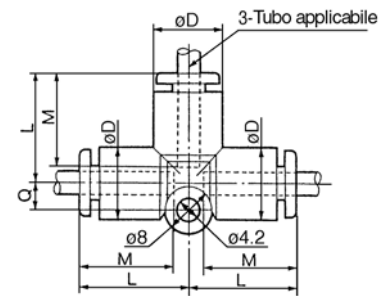
ø est. tubo (mm)	Codici	øD	L	Q	M	Sez. equivalente (mm <sup>2</sup> )		Peso (g)
						Nylon morbido	Poliuretano	
3.2	KAL23-00	9.6	17.5	4.3	15.5	3.4	2.9	3
4	KAL04-00	10.4	18	4.5	16	4.2	4.2	6
6	KAL06-00	12.8	20	5.3	17	11.4	11.4	6
8	KAL08-00	15.2	23	6	18.5	14.9	14.9	10
10	KAL10-00	18.5	26.5	6.8	21	25.0	25.0	17
12	KAL12-00	20.9	28.5	7.5	22	39.7	39.7	21



## Intermedio a "T": KAT



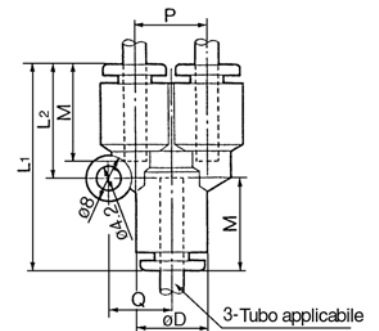
ø est. tubo (mm)	Codici	øD	L	Q	M	Sez. equivalente (mm <sup>2</sup> )		Peso (g)
						Nylon morbido	Poliuretano	
3.2	KAT23-00	9.6	17.5	4.3	15.5	3.4	2.9	5
4	KAT04-00	10.4	18	4.5	16	6.4	6.9	7
6	KAT06-00	12.8	20	5.3	17	13.4	13.4	10
8	KAT08-00	15.2	23	6	18.5	17.7	17.7	15
10	KAT10-00	18.5	26.5	6.8	21	28.4	28.4	25
12	KAT12-00	20.9	28.5	7.5	22	45.4	45.4	29



## Intermedio a "Y": KAU



ø est. tubo (mm)	Codici	øD	L1	L2	P	Q	M	Sup. effettiva (mm <sup>2</sup> )		Peso (g)
								Nylon morbido	Poliuretano	
3.2	KAU23-00	9.6	33	17.5	9.6	9	15.5	3.4	2.9	5
4	KAU04-00	10.4	34	18	10.4	9.7	16	4.2	4.2	7
6	KAU06-00	12.8	37	20	12.8	11.7	17	13.4	13.4	9
8	KAU08-00	15.2	42.5	24.5	15.2	13.7	18.5	17.7	17.7	11
10	KAU10-00	18.5	48	27.5	18.5	16.1	21	28.4	28.4	16
12	KAU12-00	20.9	51	30	20.9	18.1	22	45.4	45.4	23



## Innesto diretto di riduzione: KAR



ø est. tubo (mm)	ø est. tubo	Codici	øD	L	A	M	Sez. equivalente (mm <sup>2</sup> )		Peso (g)			
							Nylon morbido	Poliuretano				
3.2	4	KAR23-04	9.6	33.5	18.5	15.5	3.4	2.9	5			
	6	KAR04-06	10.4	34.5	17.5	16	5.6	5.6	1.8			
	8	KAR04-08		36.5	18				2.0			
4	10	KAR04-10	12.8	39.5	18.5	17	13.1	13.1	3.3			
	8	KAR06-08	12.8	37	18.5				2.5			
	10	KAR06-10		39.5					20	3.0		
6	12	KAR06-12	15.2	42	20	18.5	18.0	18.0	4.7			
	8	KAR08-10		41	20				18.5	18.0	18.0	4.0
	12	KAR08-12										42
10	12	KAR10-12	18.5	44.5	20	21	32.8	32.8	33			

