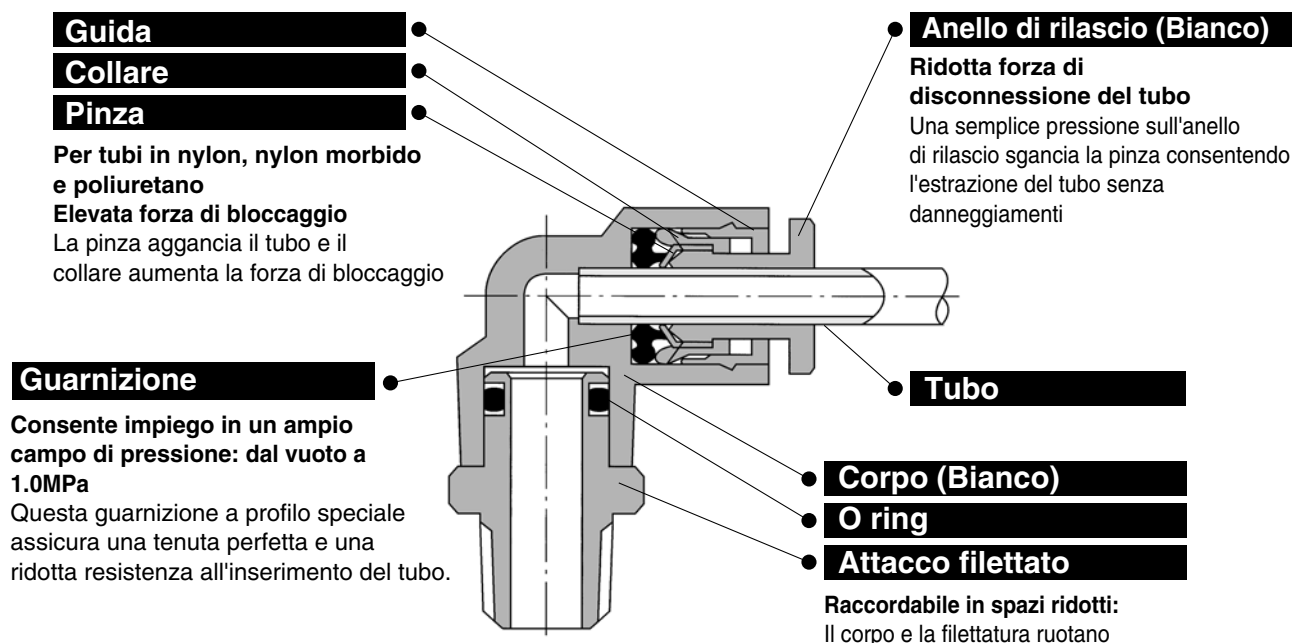


Raccordi istantanei in acciaio inox

Serie KG



PAT.

Resistenti alla corrosione: idonei per applicazioni in ambienti aggressivi

Parti metalliche in acciaio inox SUS 303

Idoneo per applicazioni rame esenti, per applicazioni nel settore alimentare in cui sono frequenti gli schizzi d'acqua e acqua salata e per applicazioni in cui bisogna evitare la corrosione e lo scolorimento del rame (camera sterile).



Tubi applicabili

Materiale tubo	Nylon, Nylon morbido, Poliuretano
ø est. tubo	ø4, ø6, ø8, ø10, ø12, ø16

Caratteristiche

Fluido di esercizio	Aria, acqua ⁽¹⁾	
Max. pressione di esercizio	1.0MPa	
Max. depressione	-100kPa	
Pressione di prova	3.0MPa	
Temperatura di esercizio	-5 ÷ 60°C (Acqua: 0 ÷ 40°C)(senza congelamento)	
Filettatura	Parte filettata	Simbolo B 0203 (Filettatura gas conica)
	Rondella	Simbolo B 0211 Classe 2 (Filettatura metrica)
Materiale di tenuta (parte filettata)		Con/senza materiale di tenuta ⁽²⁾



Nota 1) Per applicazioni con acqua per usi generici. Consultare SMC in caso di utilizzo di altri fluidi. I picchi di tensione non devono superare la max. pressione di esercizio.

Nota 2) Qualora si voglia ordinare anche il materiale di tenuta, aggiungere il suffisso "S" al codice.

Materiali dei principali componenti

Corpo	Acciaio inox (SUS303), PBT
Parte filettata	Acciaio inox (SUS303)
Pinza	Acciaio inox (SUS304)
Guida	SUS304, Acciaio inox(SUS303), POM
Collare, Anello di rilascio	POM
Guarnizione, O ring	NBR

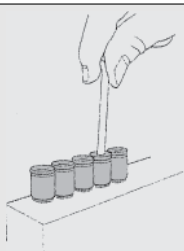
Modello

D'estremità diritto con esagono interno

KGS P.7-127



L'utilizzo di chiavi esagonali permette il collegamento in spazi ristretti.

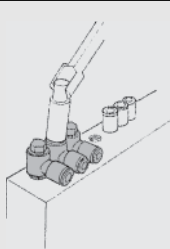


D'estremità a gomito orientabile

KGV P.7-129



L'utilizzo di una chiave a bussola permette il collegamento in spazi ristretti

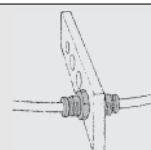


Passaparete intermedio

KGE P.7-135



Per connessioni tra tubi in installazioni a pannello



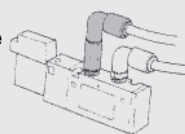
Gomito filettato prolungato maschio

KGW



P.7-131

Utilizzabile principalmente per connessioni sullo stesso asse del gomito filettato maschio. Evita interferenza tra i tubi nelle connessioni multiple.

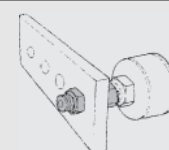


Passaparete

KGE P.7-135



Per connessioni tra un tubo ed una vite maschio in un'installazione a pannello



D'estremità diritto

KGH P.7-127



Per connessioni sullo stesso asse della parte filettata femmina. Si tratta dell'esecuzione più frequente.

D'estremità a gomito

KGL P.7-128



Per connessioni ad angolo retto con parti filettate femmina. Si tratta dell'esecuzione più frequente.

D'estremità a "T" centrale

KGT P.7-131



Per connessioni tra una parte filettata femmina ed una ramificazione a due tubi entrambi a 90°

Intermedio femmina

KGF P.7-128



Per connessioni con parti filettate maschio, come manometri ecc.

Intermedio a gomito

KGL P.7-130



Per connessioni di tubi ad angolo retto

Intermedio a "T"

KGT P.7-131



Per connessioni tra un tubo ed una ramificazione a due tubi entrambi a 90°

Intermedio diritto

KGH P.7-128



Per connessioni di tubi sullo stesso asse

Gomito di riduzione

KGL P.7-130



Utilizzabile per cambiare di 90° la direzione di un tubo rispetto ad un raccordo istantaneo

Intermedio a "T" per ø diversi

KGT P.7-132



Per connessioni tra un tubo ed una ramificazione a due tubi aventi ø diversi entrambi a 90°

Intermedio diritto per ø differenti

KGH P.7-128



Per connessioni di tubi aventi differenti ø

D'estremità a gomito

KGD P.7-132



Per connessioni di tubi ad angolo retto con parti filettate femmina

D'estremità a "T"

KGY P.7-132



Per connessioni tra una parte filettata femmina, un tubo sullo stesso asse ed uno a 90°

Gomito filettato maschio

KGLU P.7-129



Per connessioni ad angolo retto con parti filettate femmina

Intermedio a gomito

KGD P.7-133



Per connessioni di tre ramificazioni di tubi ad angolo retto

Intermedio a doppia "Y" per ø differenti

KGUD P.7-134



Per ramificazioni di 4 tubi aventi ø diversi

Intermedio a gomito

KGLU P.7-130



Per connessioni di tubi ad angolo retto

D'estremità a doppia "Y"

KGUD P.7-133



Per connessioni di 4 ramificazioni di tubi sulla parte filettata femmina

Intermedio a "Y"

KGU P.7-134



Per la connessioni tubi nella stessa direzione

Modello

Intermedio a "Y" per ϕ diversi

KGU P.7-134



Per connessione di tubi di ϕ diversi ma nella stessa direzione

Innesto diritto di riduzione

KGR P.7-134



Per cambiare la misura di un raccordo istantaneo

Tappo

KGC P.7-135



Per chiudere tubi non utilizzati

D'estremità a "Y"

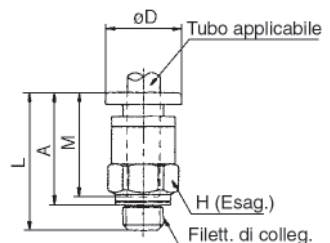
KGU P.7-133



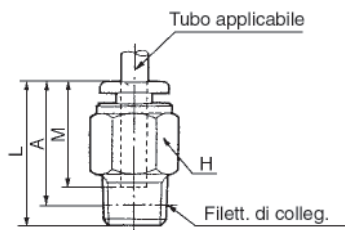
Per connessioni tra una parte filettata femmina ed una ramificazione di due tubi sullo stesso asse

D'estremità diritto: KGH

<M5>



<R(PT)>



ϕ est. tubo (mm)	Filettatura R(PT)	Codice	H (Esag.)	$\phi D^{(1)}$	L	A*	M	Sez. equiv. ⁽²⁾ (mm ²)		Peso (g)
								Nylon	Uretano	
4	M5	KGH04-M5	8	8	17	13.9	12.7	4	4	2.4
	1/8	KGH04-01	10	—	21.1	18	16	5.6	4	9
	1/4	KGH04-02	14	—	19	13.5	16	5.6	4	16
6	M5	KGH06-M5	10	10	17.8	14.7	13.5	4	4	3.4
	1/8	KGH06-01	12	—	21.6	18.5	17	13.1	10.4	16
	1/4	KGH06-02	14	—	22.5	17	17	13.1	10.4	14
	3/8	KGH06-03	17	—	20.9	15.5	17	13.1	10.4	27
8	1/8	KGH08-01	14	—	27.1	24	18.5	26.1	18.0	21
	1/4	KGH08-02	14	—	26	20.5	18.5	26.1	18.0	19
	3/8	KGH08-03	17	—	20.9	15.5	18.5	26.1	18.0	26
10	1/8	KGH10-01	17	—	29.1	26	21	41.5	29.5	19
	1/4	KGH10-02	17	—	33	27.5	21	41.5	29.5	30
	3/8	KGH10-03	17	—	27.9	22.5	21	41.5	29.5	30
	1/2	KGH10-04	22	—	26.1	19	21	41.5	29.5	53
12	1/4	KGH12-02	19	—	34	28.5	22	58.3	46.1	42
	3/8	KGH12-03	19	—	28.9	23.5	22	58.3	46.1	34
	1/2	KGH12-04	22	—	29.1	22	22	58.3	46.1	51
16	3/8	KGH16-03	24	—	38.4	32	24	81	(81)	61
	1/2	KGH16-04	24	—	33.6	26.5	24	113	(96)	47

* Dimensioni di riferimento dopo installazione filettatura R(PT) thread

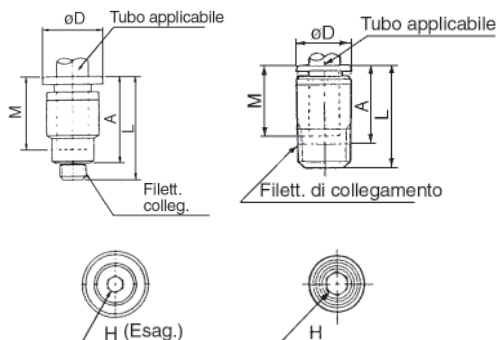
Nota 1) ϕD : max. diametro

Nota 2) Tra parentesi: valori per nylon morbido.

D'estremità diritto con esagono interno: KGS

<M5>

<R(PT)>

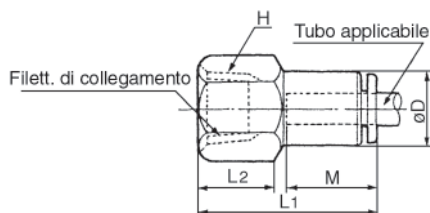


ϕ est. tubo (mm)	Filettatura R(PT)	Codice	H (Esag.)	$\phi D^{(1)}$	L	A*	M	Sez. equiv. (mm ²)		Peso (g)
								Nylon	Uretano	
4	M5	KGS04-M5	2.5	8	18.7	15.6	12.7	4	4	2.6
	1/8	KGS04-01	3	9.8	22.1	19	16	4.1	3.6	8
6	M5	KGS06-M5	2.5	10	19.5	16.4	13.5	4	4	3.2
	1/8	KGS06-01	4	11.8	23.1	20	17	10.0	9.9	9
	1/4	KGS06-02	4	13.8	23.5	20	17	10.7	10.0	15
8	1/8	KGS08-01	5	14	27.1	24	18.5	17.2	16.2	12
	1/4	KGS08-02	6	14	25	19.5	18.5	23.3	16.2	11
	3/8	KGS08-03	6	17	26.4	21	18.5	23.3	16.2	24
10	1/8	KGS10-01	5	17	29.1	26	21	17.2	10.0	18
	1/4	KGS10-02	8	17	27	21.5	21	39.0	26.6	12
	3/8	KGS10-03	8	17	26.4	21	21	39.0	26.6	19
	1/2	KGS10-04	8	22	27.1	20	21	39.0	26.6	35
12	1/4	KGS12-02	8	19	33	27.5	22	46.0	44.5	23
	3/8	KGS12-03	10	19	27.9	22.5	22	60.0	44.5	18
	1/2	KGS12-04	10	22	27.1	20	22	60.0	44.5	30

* Dimensioni di riferimento dopo installazione filettatura R(PT).

Nota1) ϕD : max. diametro

Intermedio femmina: KGF

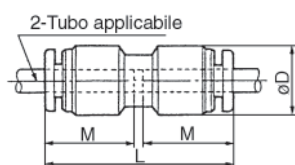


ø est. tubo. (mm)	Filettatura R(PT)	Codice	H (Esag.)	øD ⁽¹⁾	L1	L2	M	Sez. equiv. (mm ²)		Peso (g)
								Nylon	Uretano	
4	1/8	KGF04-01	14	10	27	11	16	5.6	4	15
	1/4	KGF04-02	17		31	14				23
6	1/8	KGF06-01	14	12	27.5	11	17	13.1	10.4	15
	1/4	KGF06-02	17		31	13				22
	3/8	KGF06-03	19		33.5	15				25
8	1/8	KGF08-01	14	14	29	11	18.5	26.1	18.0	17
	1/4	KGF08-02	17		32.5	13				24
	3/8	KGF08-03	19		33.5	14				24
10	1/4	KGF10-02	17	17	34.5	14	21	41.5	29.5	27
	3/8	KGF10-03	19		36.5	15				30
12	1/4	KGF12-02	19	19	35	14	22	58.3	46.1	36
	3/8	KGF12-03			37					31
	1/2	KGF12-04			41	18				52

□ Dimensioni di riferimento dopo installazione filettatura R(PT).
Nota1) øD: max. diametro



Intermedio diritto: KGH

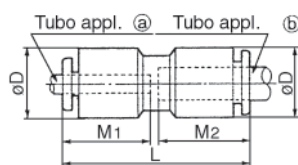


ø est. tubo (mm)	Codice	øD ⁽¹⁾	L	M	Sez. equiv. (mm ²)		Peso (g)
					Nylon	Uretano	
4	KGH04-00	10.4	32.5	16	5.6	4	3
6	KGH06-00	12.8	34.5	17	13.1	10.4	4
8	KGH08-00	15.2	38.5	18.5	26.1	18.0	6
10	KGH10-00	18.5	42.5	21	41.5	29.5	11
12	KGH12-00	20.9	44.5	22	58.3	46.1	14



Nota 1) øD: max. diametro

Intermedio diritto per ø differenti: KGH



ø est. tubo (mm)		Codice	øD ⁽¹⁾	L	M1	M2	Sez. equiv. (mm ²)		Peso (g)
a	b						Nylon	Uretano	
4	6	KGH04-06	12.8	34.5	16	17	5.6	4	5
6	8	KGH06-08	15.2	38.5	17	18.5	13.1	10.4	6
8	10	KGH08-10	18.5	42	18.5	21	26.1	18.0	11
10	12	KGH10-12	20.9	44.5	21	22	41.5	29.5	14

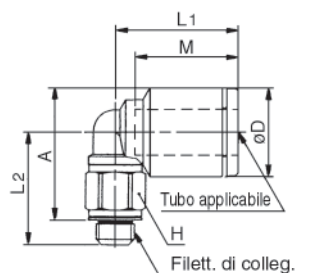


Nota1) øD: max. diametro

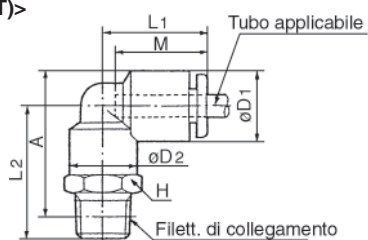
D'estremità a gomito: KGL



<M5>



<R(PT)>



ø est. tubo (mm)	Filettatura R(PT)	Codici	H (Esag.)	D1 ⁽¹⁾	D2	L1	L2	A*	M	Sez. ⁽²⁾ equiv. (mm²)		Peso (g)
										Nylon	Uretano	
4	M5	KGL04-M5	7	9.3	—	15.6	13.7	15.3	12.7	3.5	3.5	2.7
	1/8	KGL04-01	10	10.4	10	18	21.1	23	16	4.2	4.2	10
	1/4	KGL04-02	14				25.5	25				19
6	M5	KGL06-M5	7	11.6	—	16.1	14.7	17.4	13.5	3.5	3.5	3.1
	1/8	KGL06-01	10	12.8	10	20	22.1	25.5	17	11.4	9.0	12
	1/4	KGL06-02	14				26.5	27.5				10
	3/8	KGL06-03	17				27.9	29				33
8	1/8	KGL08-01	12	15.2	12	23	23.6	28	18.5	21.6	14.9	13
	1/4	KGL08-02	14				28	30				21
	3/8	KGL08-03	17				29.4	31.5				35
10	1/8	KGL10-01	17	18.5	17	26.5	26.1	32	21	21.6	14.9	25
	1/4	KGL10-02					29.5	33				26
	3/8	KGL10-03					30.9	34.5				36
	1/2	KGL10-04	22				35.1	37	63			
12	1/4	KGL12-02	17	20.9	17	28.5	30.5	35.5	22	50.2	39.7	28
	3/8	KGL12-03					31.9	37				38
	1/2	KGL12-04					22	36.1				39.5
16	3/8	KGL16-03	22	26.5	21	33	36.9	44.5	24	71	(71)	101
	1/2	KGL16-04					40.1	46		100	(84)	105

* Dimensioni di riferimento dopo installazione filettatura R(PT).

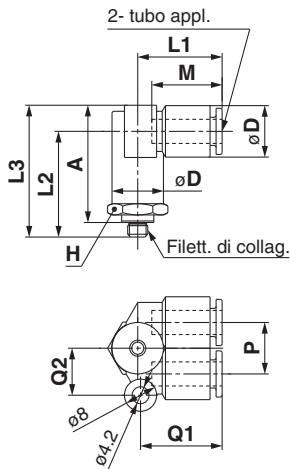
Nota1) Tra parentesi i valori per nylon morbido
Nota 2) øD1: max. diametro





Gomito filettato maschio: KGLU

<M5>

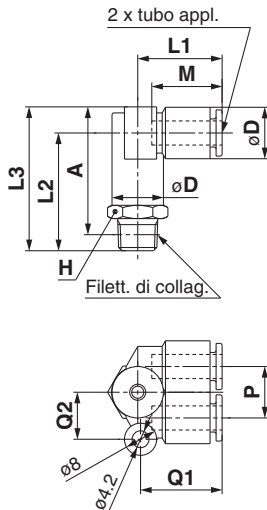


ø est. tubo (mm)	Filettatura R(PT)	Codici	H (Esag.)	øD ⁽¹⁾	L1	L2	L3	A*	M	P	Q1	Q2	Sez.equiv. (mm ²)		Peso (g)
													Nylon	Uretano	
4	M5	KGLU04-M5	11	10.4	18.5	24	29.5	25.5	16	10.4	18.5	10	4.3	4.1	10
	1/8	KGLU04-01	14			25.6	31.1	27.5					6.0	4.1	12
	1/4	KGLU04-02				30	35.5	30							21
6	M5	KGLU06-M5	13	12.8	21	26.5	33	29.5	17	12.8	20.5	12	4.3	4.3	13
	1/8	KGLU06-01	14			28.6	35.1	32					13.9	11.0	15
	1/4	KGLU06-02				32.5	39	33.5							22
	3/8	KGLU06-03				17	33.9	40.4							35
8	1/8	KGLU08-01	17	15.2	24	33.1	40.6	38	18.5	15.2	24.5	14	26.3	18.2	27
	1/4	KGLU08-02				36.5	44	38.5					35		
	3/8	KGLU08-03				36.9	44.4	39					41		
10	1/4	KGLU10-02	19	18.5	27	39.5	49	43.5	21	18.5	28	16	40.8	29.0	42
	3/8	KGLU10-03	22			43.6	53.1	45.5					64		
	1/2	KGLU10-04				42	52.5	47					57		
12	1/4	KGLU12-02	22	20.9	29	42	52.5	47	22	20.9	30	18	57.2	45.2	58
	3/8	KGLU12-03				42.4	52.9	47.5					57		
	1/2	KGLU12-04				45.6	56.1	49					65		

* Dimensioni di riferimento dopo installazione filettatura R(PT).
Nota 1) ØD: max. diametro

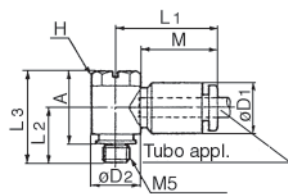


<R(PT)>



D'estremità a gomito orientabile: KGV

<M5>

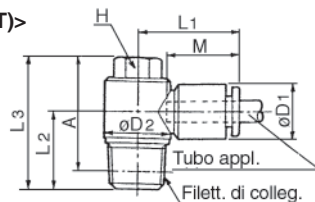


Ø est. tubo (mm)	Filettatura R(PT)	Codice	H (Esag.)	ØD1 ⁽¹⁾	ØD2	L1	L2	L3	A*	M	Sez. equiv. (mm ²)		Peso (g)
											Nylon	Uretano	
4	M5	KGV04-M5	8	10.4	9.8	20.5	11	18.5	15	16	2.9	2.9	6
	1/8	KGV04-01			13.4	22	13.6	25.6	22.5				14
6	M5	KGV06-M5	8	12.8	9.8	23.5	12	18.5	15	17	3.8	3.8	7
	1/8	KGV06-01			13.4	24	13.6	25.6	22.5		7.5	7.9	15
	1/4	KGV06-02	10		15.3	23.5	18	30.5	25				26
8	1/8	KGV08-01	12	15.2	17.6	28.5	14.6	27.6	24.5	18.5	16	11.2	24
	1/4	KGV08-02			18	31	25.5				20.5	14.3	30
	3/8	KGV08-03	14		20.6	27.5	19.4	35.4	30				47
10	1/4	KGV10-02	14	18.5	20.6	31	19	35	29.5	21	27	20.3	40
	3/8	KGV10-03					19.4	35.4	30				49
12	3/8	KGV12-03	17	20.9	25.2	34	20.9	37.4	32	22	39	30.8	63
	1/2	KGV12-04					24.1	40.6	33.5				80

* Dimensioni di riferimento dopo installazione filettatura R(PT).
Nota 1) ØD1: max. diametro

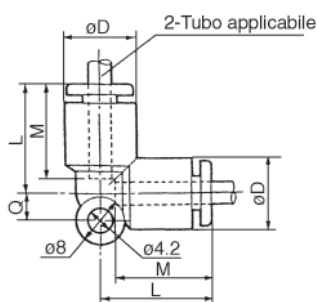


<R(PT)>





Intermedio a gomito: KGL



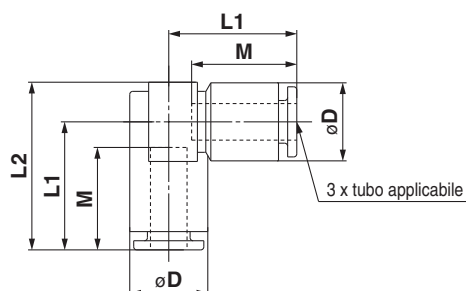
ø est. tubo (mm)	Codice	øD ⁽¹⁾	L	Q	M	Sez. equiv. ⁽²⁾ (mm ²)		Peso (g)
						Nylon	Urethane	
4	KGL04-00	10.4	18	4.5	16	4.2	4.2	6
6	KGL06-00	12.8	20	5.3	17	11.4	9.0	6
8	KGL08-00	15.2	23	6	18.5	21.6	14.9	10
10	KGL10-00	18.5	26.5	6.8	21	35.2	25.0	17
12	KGL12-00	20.9	28.5	7.5	22	50.2	39.7	21
16	KGL16-00	26.5	34	10	25	100	(84)	29



Nota1) øD: max. diametro
Nota2) Tra parentesi i valori per nylon morbido



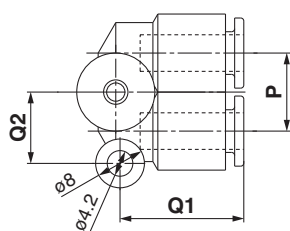
Intermedio a gomito: KGLU



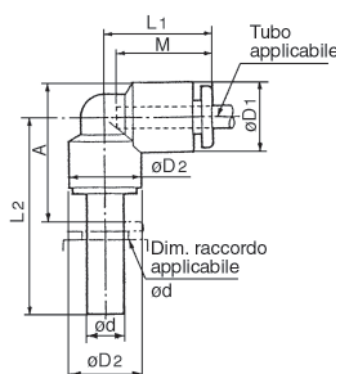
ø est. tubo (mm)	Codice	ØD ⁽¹⁾	L1	L2	Q1	Q2	M	P	Sez. equiv. (mm ²)		Peso (g)
									Nylon	Uretano	
4	KGLU04-00	10.4	18.5	24	18.5	10	16	10.4	6.0	4.1	6
6	KGLU06-00	12.8	21	27.5	20.5	12	17	12.8	13.9	11.0	8
8	KGLU08-00	15.2	24	32	24.5	14	18.5	15.2	26.3	18.2	15
10	KGLU10-00	18.5	27	36.5	28	16	21	18.5	40.8	29.0	25
12	KGLU12-00	20.9	29	40	30	18	22	20.9	57.2	45.2	32



Nota1) øD: max. diametro



Gomito di riduzione: KGL



ø est. tubo (mm)	Raccordo ød	Codice	øD1 ⁽¹⁾	øD2	L1	L2	A	M	Sez. equiv. (mm ²)		Peso (g)
									Nylon	Urethane	
4	4	KGL04-99	10.4	8	18	25	14.5	16	4.2	4.2	8
6	6	KGL06-99	12.8	10	20	27.5	17	17	11.4	9.0	10
8	8	KGL08-99	15.2	12	22.5	31.5	21	18.5	21.6	14.9	14
10	10	KGL10-99	18.5	14	25.5	35.5	23.5	21	35.2	25.0	25
12	12	KGL12-99	20.9	16	27	37.5	26	22	50.2	39.7	28



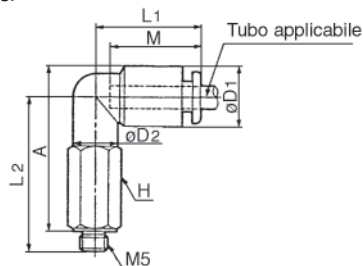
Nota1) øD1: max. diametro



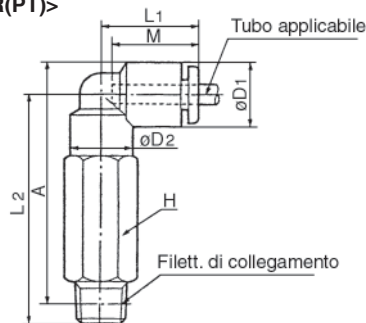


Gomito filettato prolungato maschio: KGW

<M5>



<R(PT)>



ø est. tubo (mm)	Filettatura R(PT)	Codice	H (Esag.)	øD1 ⁽¹⁾	øD2	L1	L2	A*	M	Sez. equiv. (mm ²)		Peso (g)
										Nylon	Uretano	
4	M5	KGW04-M5	8	10.4	8	18	30	32	16	3.0	3.0	11
	1/8	KGW04-01	10		10		36.6	38.5		4.0	4.0	23
	1/4	KGW04-02	14				43	42.5				38
6	M5	KGW06-M5	8	12.8	8	20	30.5	33.5	17	3.0	3.0	11
	1/8	KGW06-01	10		10		39.1	42.5		10.9	8.6	26
	1/4	KGW06-02	14				45.5	46.5				41
	3/8	KGW06-03	17				46.9	48				67
8	1/8	KGW08-01	12	15.2	12	23	42.6	47	18.5	20.5	14.2	30
	1/4	KGW08-02	14				49	51				47
	3/8	KGW08-03	17				50.4	52.5				74
10	1/4	KGW10-02	17	18.5	17	26.5	56	59.5	21	33.5	23.8	66
	3/8	KGW10-03	17				57.4	61				76
	1/2	KGW10-04	22				64.1	66				145
12	1/4	KGW12-02	17	20.9	17	28.5	57	62	22	47.7	37.7	68
	3/8	KGW12-03	17				58.4	63.5				78
	1/2	KGW12-04	22				65.1	68.5				147

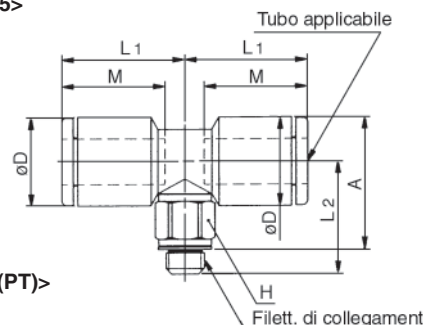
* Dimensioni di riferimento dopo installazione filettatura R(PT).

Nota1) øD₁: max. diametro

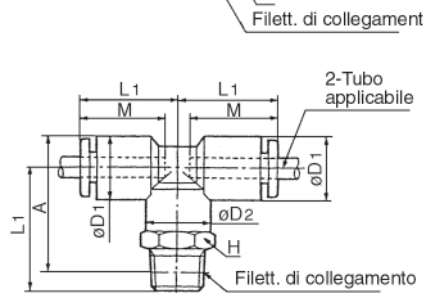


D'estremità a "T" centrale: KGT

<M5>



<R(PT)>



ø est. tubo (mm)	Filettatura R(PT)	Codice	H (Esag.)	øD ⁽¹⁾	øD ₂	L ₁	L ₂	A*	M	Sez. equiv. (mm ²)		Peso (g)
										Nylon	Uretano	
4	M5	KGT04-M5	7	9.3	—	15.6	13.7	15.3	12.7	4.3	4.3	3.5
	1/8	KGT04-01	10	10.4	10	18	21.1	23	16	6.0	4.1	13
	1/4	KGT04-02	14				25.5	25				19
6	M5	KGT06-M5	7	11.6	—	16.1	14.7	17.4	13.5	4.3	4.3	4.2
	1/8	KGT06-01	10	12.8	10	20	22.1	25.5	17	13.9	11.0	12
	1/4	KGT06-02	14				26.5	27.5				20
	3/8	KGT06-03	17				27.9	29				34
8	1/8	KGT08-01	12	15.2	12	23	23.6	28	18.5	26.3	18.2	14
	1/4	KGT08-02	14				28	30				22
	3/8	KGT08-03	17				29.4	31.5				36
10	1/8	KGT10-01	17	18.5	17	26.5	26.1	32	21	40.8	29.0	31
	1/4	KGT10-02	17				29.5	33				29
	3/8	KGT10-03	17				30.9	34.5				39
	1/2	KGT10-04	22				35.1	37				66
12	1/4	KGT12-02	17	20.9	17	28.5	30.5	35.5	22	57.2	45.2	31
	3/8	KGT12-03	17				31.9	37				41
	1/2	KGT12-04	22				36.1	39.5				68
16	3/8	KGT16-03	22	26.5	20.9	34	36.9	44.5	25	71	(71)	112
	1/2	KGT16-04	22				39.6	46		100	(100)	116

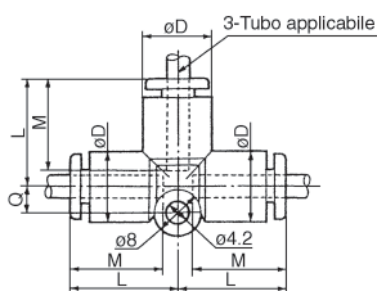
* Dimensioni di riferimento dopo installazione filettatura R(PT).

Nota1) øD₁: max. diametro

Nota2) Tra parentesi i valori per nylon morbido



Intermedio a "T": KGT

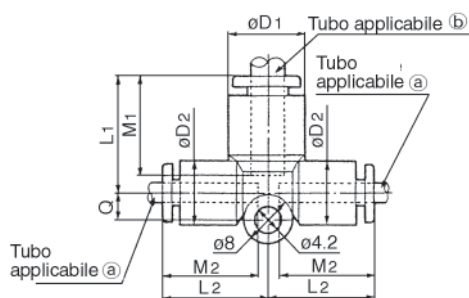


ø est. tubo (mm)	Codice	øD ⁽¹⁾	L	Q	M	Sez. equiv. (mm ²)		Peso (g)
						Nylon	Uretano	
4	KGT04-00	10.4	18	4.5	16	6.4	4.4	7
6	KGT06-00	12.8	20	5.3	17	13.4	10.6	10
8	KGT08-00	15.2	23	6	18.5	25.6	17.7	15
10	KGT10-00	18.5	26.5	6.8	21	40	28.4	25
12	KGT12-00	20.9	28.5	7.5	22	57.4	45.4	29
16	KGT16-00	26.5	34	10	25	100	(84)	40



Nota1) øD: max. diametro
Nota 2) Tra parentesi i valori per nylon morbido

Intermedio a "T" per diametri diversi: KGT



ø est. tubo (mm)		Codice	øD ⁽¹⁾	øD2	L1	L2	Q	M1	M2	Sez. equiv. (mm²)		Peso (g)
a	b									Nylon	Uretano	
4	6	KGT04-06	12.8	10.4	19.5	18	4.5	17	16	7.1	6.5	5
6	8	KGT06-08	15.2	12.8	22.5	20	5.3	18.5	17	16.4	16.4	8
8	10	KGT08-10	18.5	15.2	26.5	23	6	21	18.5	36	27.2	14
10	12	KGT10-12	20.9	18.5	28.5	26.5	6.8	22	21	56	44.5	21

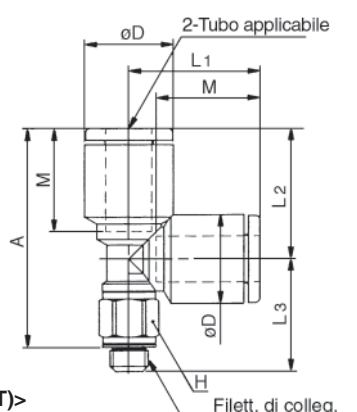


Nota1) øD1: max. diametro

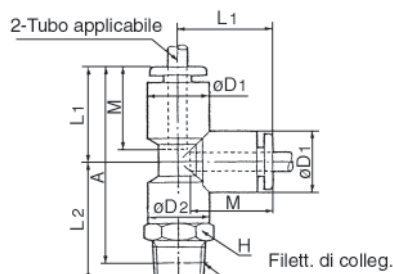
D'estremità a "T": KGY



<M5>



<R(PT)>



ø est. tubo (mm)	Filettatura R(PT)	Codice	H (Esag.)	øD ⁽¹⁾	øD2	L1	L2	L3	A*	M	Sez. equiv. (mm²)		Peso (g)
											Nylon	Uretano	
4	M5	KGY04-M5	7	9.3	—	15.6	13.7	14.8	25.4	12.7	4.6	4.6	3.5
	1/8	KGY04-01	10	10.4	10	18	21.1	—	36	16	6.4	4.4	13
	1/4	KGY04-02	14	—	—	—	25.5	—	38	—	—	—	19
6	M5	KGY06-M5	7	11.6	—	17.1	14.7	17.1	28.7	13.5	4.6	4.6	4.3
	1/8	KGY06-01	10	—	—	—	22.1	—	39	—	—	—	12
	1/4	KGY06-02	14	12.8	10	20	26.5	—	41	17	13.4	10.6	20
	3/8	KGY06-03	17	—	—	—	27.9	—	42.5	—	—	—	34
8	1/8	KGY08-01	12	—	—	—	23.6	—	43.5	17	13.4	10.6	14
	1/4	KGY08-02	14	15.2	12	23	28	—	45.5	18.5	25.6	17.7	22
	3/8	KGY08-03	17	—	—	—	29.4	—	47	—	—	—	36
10	1/8	KGY10-01	—	—	—	—	26.1	—	49.5	—	—	—	31
	1/4	KGY10-02	17	18.5	17	26.5	29.5	—	50.5	21	40.0	28.4	29
	3/8	KGY10-03	—	—	—	—	30.9	—	52	—	—	—	39
	1/2	KGY10-04	22	—	—	—	35.1	—	54.5	—	—	—	66
12	1/4	KGY12-02	17	—	—	—	30.5	—	53.5	—	—	—	31
	3/8	KGY12-03	—	20.9	17	28.5	31.9	—	55	22	57.4	45.4	41
	1/2	KGY12-04	22	—	—	—	36.1	—	57.5	—	—	—	68
16	3/8	KGY16-03	—	26.5	20.9	34	36.9	—	65.5	25	81	(81)	112
	1/2	KGY16-04	22	—	—	—	40.1	—	67	—	113	(113)	116

* Dimensioni di riferimento dopo installazione filettatura R(PT).



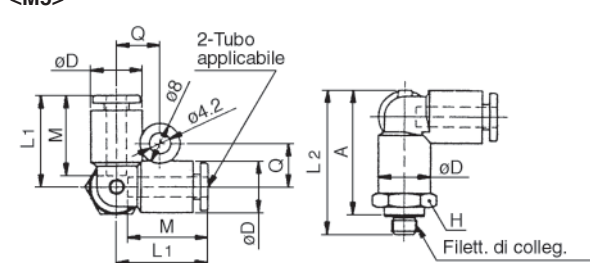
Nota1) øD1: max. diametro

Nota 2) Tra parentesi i valori per nylon morbido.

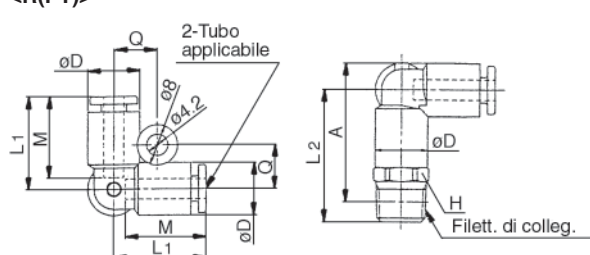
D'estremità a gomito: KGD



<M5>



<R(PT)>



ø est. tubo (mm)	Filettatura R(PT)	Codice	H (Esag.)	øD ⁽¹⁾	L1	L2	A*	M	Q	Sez. equiv. (mm²)		Peso (g)
										Nylon	Uretano	
4	M5	KGD04-M5	11	10.4	18.5	24	25.5	16	8.7	4.3	4.3	10
	1/8	KGD04-01	—	—	—	25.6	27.5	—	—	6.0	6.0	12
	1/4	KGD04-02	14	—	—	30	30	—	—	—	—	21
6	M5	KGD06-M5	13	12.8	20.5	26	28.5	17	9.9	4.3	4.3	12
	1/8	KGD06-01	—	—	—	28.1	31.5	—	—	13.9	13.9	14
	1/4	KGD06-02	14	—	—	32	33	—	—	—	—	21
	3/8	KGD06-03	17	—	—	33.4	34.5	—	—	—	—	34
8	1/8	KGD08-01	—	15.2	23.5	32.6	37	18.5	11.1	26.3	18.2	26
	1/4	KGD08-02	17	—	—	36	38	—	—	—	—	35
	3/8	KGD08-03	—	—	—	36.4	38.5	—	—	—	—	39
10	1/4	KGD10-02	19	18.5	26.5	39	43	21	12.8	40.8	29.0	40
	3/8	KGD10-03	—	—	—	43.1	45	—	—	—	—	62
	1/2	KGD10-04	22	—	—	43.1	45	—	—	—	—	62
12	1/4	KGD12-02	—	20.9	28.5	41.5	46.5	22	13.9	57.2	45.2	55
	3/8	KGD12-03	—	—	—	41.9	47	—	—	—	—	56
	1/2	KGD12-04	22	—	—	45.1	48.5	—	—	—	—	63

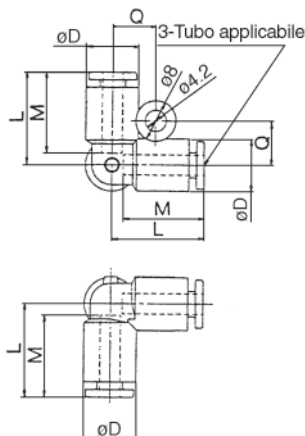
* Dimensioni di riferimento dopo installazione filettatura R(PT).



Nota1) øD: max. diametro



Intermedio a gomito: KGD

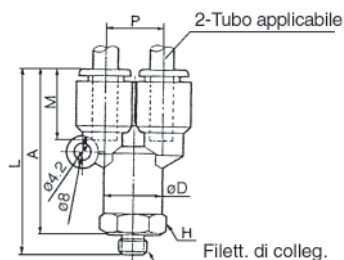


Ø est. tubo (mm)	Codice	ØD ⁽¹⁾	L	Q	M	Sez. equiv. (mm ²)		Peso (g)
						Nylon	Uretano	
4	KGD04-00	10.4	18.5	8.7	16	6.0	4.1	5
6	KGD06-00	12.8	20.5	9.9	17	13.9	11.0	7
8	KGD08-00	15.2	23.5	11.1	18.5	26.3	18.2	11
10	KGD10-00	18.5	26.5	12.8	21	40.8	29.0	19
12	KGD12-00	20.9	28.5	13.9	22	57.2	45.2	24

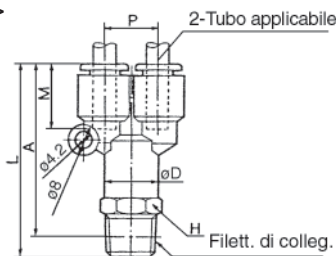
Nota1) ØD: max. diametro

D'estremità a "Y": KGU

<M5>



<R(PT)>

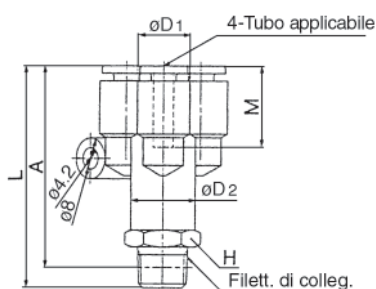


Ø est. tubo (mm)	Filettatura R(PT)	Codice	H (Esag.)	ØD ⁽¹⁾	L	P	A*	M	Sez. equiv. (mm ²)		Peso (g)
									Nylon	Uretano	
4	M5	KGU04-M5	11	10.4	39.5	10.4	36	16	2.2	2.2	4
	1/8	KGU04-01	14		41.1		38		4.2	4.2	11
	1/4	KGU04-02	14		45.5		40		4.2	4.2	20
6	M5	KGU06-M5	13	12.8	42.5	12.8	39	17	2.2	2.2	12
	1/8	KGU06-01	14		44.6		41.5		13.4	10.6	11
	1/4	KGU06-02	14		48.5		43		13.4	10.6	21
	3/8	KGU06-03	17		49.9		44.5		13.4	10.6	34
8	1/8	KGU08-01	17	15.2	51.6	15.2	48.5	18.5	25.6	17.7	15
	1/4	KGU08-02			55		49.5		25.6	17.7	23
	3/8	KGU08-03			55.4		50		25.6	17.7	35
10	1/4	KGU10-02	19	18.5	60.5	18.5	55	21	40	28.4	30
	3/8	KGU10-03			60.9		55.5		40	28.4	40
	1/2	KGU10-04			64.1		57		40	28.4	65
12	1/4	KGU12-02	22	20.9	64	20.9	58.5	22	57.4	45.4	32
	3/8	KGU12-03			64.4		59		57.4	45.4	40
	1/2	KGU12-04			67.6		60.5		57.4	45.4	65

* Dimensioni di riferimento dopo installazione filettatura R(PT).

Nota1) ØD: max. diametro

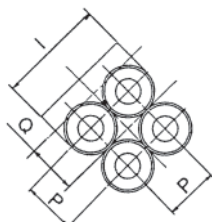
D'estremità a doppia "Y": KGUD



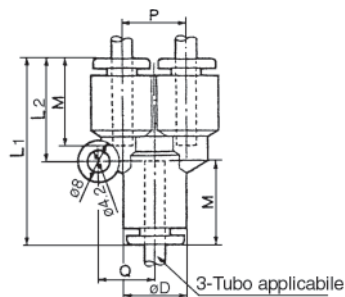
Ø est. tubo (mm)	Filettatura R(PT)	Codice	H (Esag.)	ØD ⁽¹⁾	ØD ₂	L	I	A*	Q	M	P	Sez. equiv. (mm ²)		Peso (g)
												Nylon	Uretano	
4	1/8	KGUD04-01	13	10.4	12.8	42.6	21	39.5	9.7	16	10.4	4.2	4.2	17
	1/4	KGUD04-02	14			46.5		41				4.2	4.2	25
6	1/8	KGUD06-01	17	12.8	15.2	49.6	26	46.5	11.7	17	12.8	13.4	10.6	29
	1/4	KGUD06-02				53		47.5				13.4	10.6	

* Dimensioni di riferimento dopo installazione filettatura R(PT).

Nota1) ØD1: max. diametro



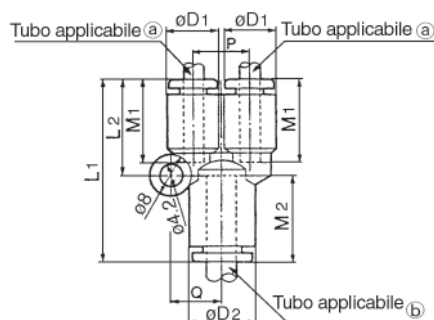
Intermedio a "Y": KGU



Ø est. tubo (mm)	Codice	ØD ⁽¹⁾	L1	L2	P	Q	M	Sez. equiv. (mm ²)		Peso (g)
								Nylon	Uretano	
4	KGU04-00	10.4	34	18	10.4	9.7	16	4.2	4.2	7
6	KGU06-00	12.8	37	20	12.8	11.7	17	13.4	10.6	9
8	KGU08-00	15.2	42.5	24.5	15.2	13.7	18.5	25.6	17.7	11
10	KGU10-00	18.5	48	27.5	18.5	16.1	21	40	28.4	16
12	KGU12-00	20.9	51	30	20.9	18.1	22	57.4	45.4	23

Nota1) ØD: max. diametro

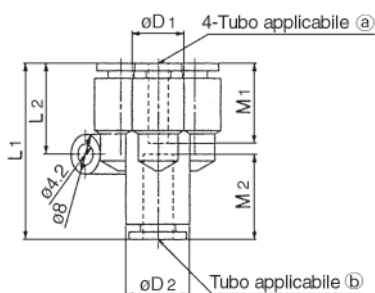
Intermedio a "Y" per differenti Ø: KGU



Ø est. tubo (mm)		Codice	ØD1 ⁽¹⁾	ØD2 ⁽¹⁾	L1	L2	P	Q	M1	M2	Sez. equiv. (mm ²)		Peso (g)
a	b										Nylon	Uretano	
4	6	KGU04-06	10.4	12.8	35	18	10.4	9.7	16	17	4.2	4.2	6
6	8	KGU06-08	12.8	15.2	39.5	20	12.8	11.7	17	18.5	13.4	10.6	11
8	10	KGU08-10	15.2	18.5	45	24.5	15.2	13.7	18.5	21	25.6	17.7	18
10	12	KGU10-12	18.5	20.9	49	27.5	18.5	16.1	21	22	40	28.4	27

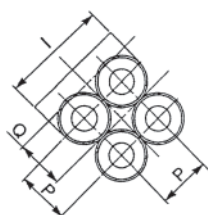
Nota1) ØD1, ØD2: max. diametro

Intermedio a doppia "Y" per Ø diversi: KGUD

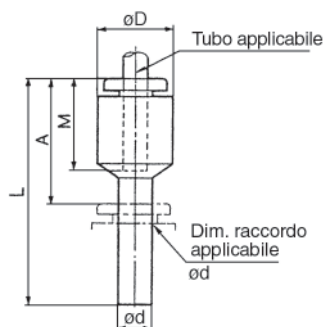


Ø est. tubo (mm)		Codice	ØD1 ⁽¹⁾	ØD2 ⁽¹⁾	L1	L2	P	I	Q	M1	M2	Sez. equiv. (mm ²)		Peso (g)
a	b											Nylon	Uretano	
4	6	KGUD04-06	10.4	12.8	35.5	18.2	10.4	21	9.7	16	17	4.2	4.2	10
6	8	KGUD06-08	12.8	15.2	40.5	20.3	12.8	26	11.7	17	18.5	13.4	10.6	17

Nota1) ØD1, ØD2: max. diametro



Innesto diritto di riduzione: KGR



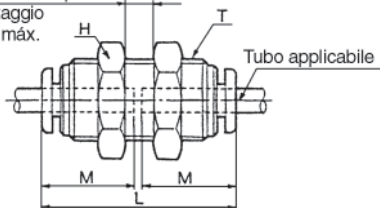
Ø est. tubo (mm)	Raccordo Ød	Codice	ØD ⁽¹⁾	L	A*	M	Sez. equiv. (mm ²)		Peso (g)
							Nylon	Uretano	
4	6	KGR04-06	10.4	34.5	17.5	16	5.6	4	1.8
	8	KGR04-08		36.5	18				2.0
	10	KGR04-10		39.5	18.5				3.3
6	4	KGR06-04	12.8	37	21	17	13.1	10.4	3
	8	KGR06-08		37	18.5				2.5
	10	KGR06-10		39.5					3
	12	KGR06-12	15.2	42	20				4.7
8	10	KGR08-10	15.2	41	20	18.5	26.1	18.0	4.0
	12	KGR08-12		42					4.6
10	12	KGR10-12	17	44.5	23	21	41.5	32.8	33
	16	KGR10-16	20.9	50.5	25.5				42
12	16	KGR12-16	20.9	50.5	25.5	22	58.3	(46.1)	37

Nota1) ØD: max. diametro
Nota2) Tra parentesi i valori per nylon morbido



Passaparete intermedio: KGE

Spessore della piastra di montaggio 11 mm max.



ø est. tubo (mm)	Codice	T(M)	H (Esag.)	L	Foro montagg.	M	Sez. (1) equiv. (mm ²)		Peso (g)
							Nylon	Uretano	
4	KGE04-00	M12 X 1	14	32.5	13	16	5.6	4	26
6	KGE06-00	M14 X 1	17	34.5	15	17	13.1	10.4	33
8	KGE08-00	M16 X 1	19	38	17	18.5	26.1	18.0	52
10	KGE10-00	M20 X 1	24	42.5	21	21	41.5	29.5	70
12	KGE12-00	M22 X 1	27	44	23	22	58.3	46.1	90
16	KGE16-00	M28 X 1.5	32	51	29	25	113	(96)	115



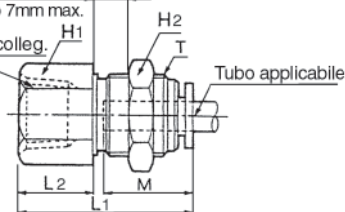
Nota1) Tra parentesi i valori per nylon morbido



Passaparete: KGE

Spessore della piastra di montaggio 7mm max.

Filett. di colleg.

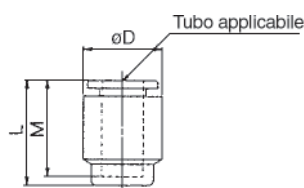


ø est. tubo (mm)	Filettatura R(PT)	Codice	T(M)	H1 (Esag.)	H2 (Esag.)	L1	L2	Foro montagg.	M	Sez. (1) equiv. (mm ²)		Peso (g)
										Nylon	Uretano	
4	1/8	KGE04-01	M12 X 1	14	14	27.5	11	13	16	5.6	4	16
	1/4	KGE04-02		17		31	15					35
6	1/8	KGE06-01	M14 X 1	17	17	28	11	15	17	13.1	10.4	30
	1/4	KGE06-02				31.5	15					30
	3/8	KGE06-03				33.5	17					29
8	1/8	KGE08-01	M16 X 1	17	19	27.5	7.5	17	18.5	26.1	18.0	28
	1/4	KGE08-02				33	13					27
	3/8	KGE08-03				35	15					48
10	1/4	KGE10-02	M20 X 1	22	24	34.5	12.5	21	21	41.5	29.5	53
	3/8	KGE10-03				36.5	14					67
12	3/8	KGE12-03	M22 X 1	24	27	37	14	23	22	58.3	46.1	92
	1/2	KGE12-04				41	18					59
16	3/8	KGE16-03	M28 X 1.5	30	32	40	14	29	25	96	(96)	127
	1/2	KGE16-04				44	18					132



Nota1) Tra parentesi i valori per nylon morbido

Tappo: KGC



ø est. tubo (mm)	Codice	øD ⁽¹⁾	L	M	Peso (g)
4	KGC04-00	10.4	17	16	3
6	KGC06-00	12.8	18.5	17	3
8	KGC08-00	15.2	20.5	18.5	4
10	KGC10-00	18.5	23	21	6
12	KGC12-00	20.9	24	22	8
16	KGC16-00	26.5	28	25	13



Nota1) øD: max. diametro