

Racordaje antiestático

Serie KA

Carga y descarga instantánea
Posibilidad de utilizar en vacío

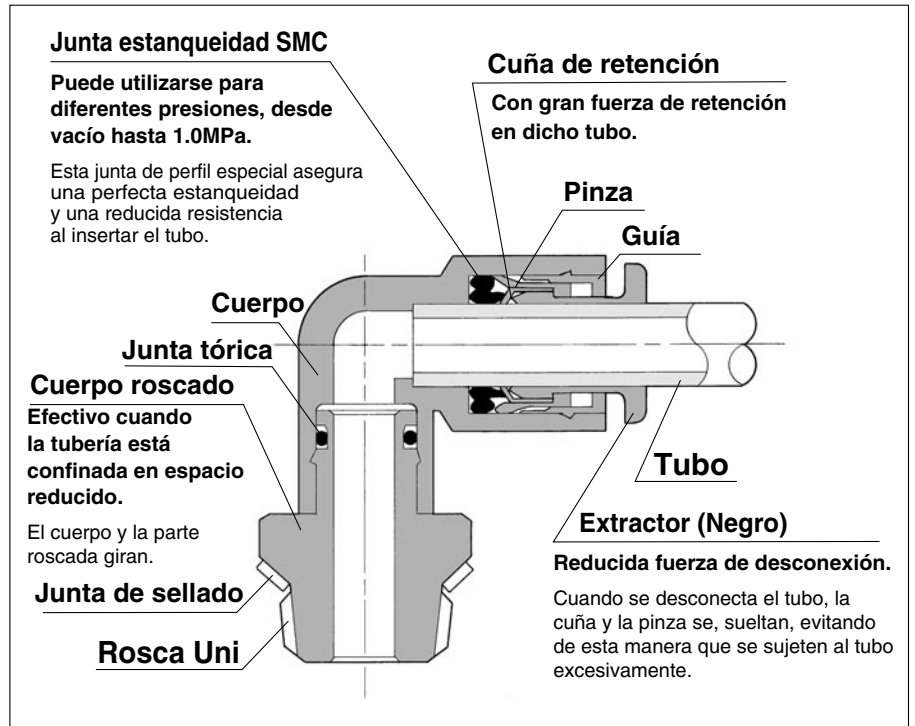
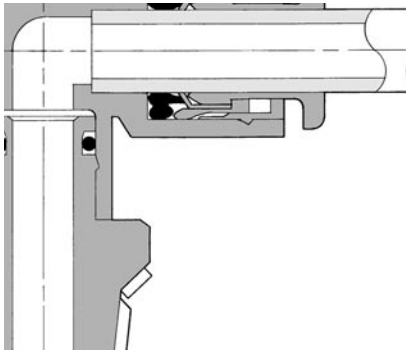
(Máx. -100kPa)

Puede ser utilizado en aplicaciones que requieren productos exentos de cobre.

Resistente al fuego (UL-94 estándar, V-0)

Resistencia superficial 10^4 a $10^7 \Omega$

Resina conductiva utilizada para el cuerpo y juntas en los racores y tuberías.



Tubo aplicable

| | |
|----------------------------|--|
| Material del tubo | Nilón maleable antiestático, poliuretano |
| Diámetro exterior del tubo | ø3.2, ø4, ø6, ø8, ø10, ø12 |

Materiales



| | |
|------------------------------|----------------------|
| Cuerpo | C3604BD, PBT |
| Cuerpo roscado | C3604BD |
| Cuña de retención | SUS304 |
| Guía | SUS304, C3604BD, PBT |
| Pinza, extractor | PBT |
| Junta especial, junta tórica | NBR |

- El modelo C3604BD es todo niquelado electrolítico.
- Los componentes PBT tienen aplicaciones (104 a 10⁷) de conductividad y resistencia al fuego. (UL-estándar, V-0)
- NBR conductivo (10⁴Ω a 10⁷Ω) se usa para la junta.

Características técnicas

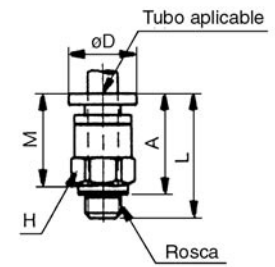
| | |
|----------------------------|--|
| Fluido | Aire comprimido |
| Presión máx. de trabajo. | 1.0MPa |
| Depresión (Vac.) | -100kPa |
| Presión de prueba | 3.0MPa |
| Temperatura de trabajo | 0° a 40°C |
| Rosca | Rosca Uni JISB0209, clase 2 (Rosca métrica) |
| Sellante (rosca) | Junta de sellado |
| Aplicación exenta de cobre | Todos los componentes de latón niquelados electrolíticamente |
| Resistencia superficie | 10 ⁴ a 10 ⁷ Ω |

Recto macho hexagonal: KAH

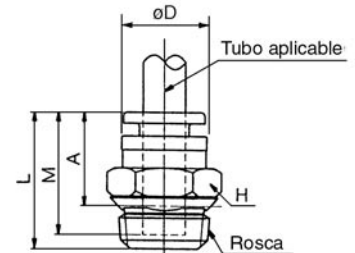
| <M5, M6> | ø ext. tubo (mm) | Rosca conexión Rosca M Rosca uni | Ref. | H (Hex.) | øD | L | A* | M | Orificio efectivo (mm ²) | | Peso (g) | |
|---|------------------|----------------------------------|-----------|----------|------|------|------|------|--------------------------------------|-------------|----------|------|
| | | | | | | | | | Niñn maleable | 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 | 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 |
| | | 1/4 | KAH04-U02 | 14 | | 16.5 | | | | | | 10.5 |
| 6 | 6 | M5 | KAH06-M5 | 10 | 11.5 | 18.5 | 15 | 14 | 4 | 4 | 3 | |
| | | M6 | KAH06-M6 | 10 | | 19 | | | | | | |
| | | 1/8 | KAH06-U01 | 12 | | 14.5 | | | | | | |
| 8 | 8 | 1/4 | KAH06-U02 | 14 | 12 | 19.5 | 13 | 17 | 13.1 | 13.1 | 5 | |
| | | 3/8 | KAH06-U03 | 17 | | 17.5 | | | | | | 11.5 |
| | | 1/8 | KAH08-U01 | 14 | | 25 | | | | | | 20.5 |
| 10 | 10 | 1/4 | KAH08-U02 | 14 | 14 | 21.5 | 15.5 | 18.5 | 18.0 | 18.0 | 27 | |
| | | 3/8 | KAH08-U03 | 17 | | 19.5 | | | | | | 13.5 |
| | | 1/8 | KAH10-U01 | 17 | | 28 | | | | | | 23 |
| 12 | 12 | 1/4 | KAH10-U02 | 17 | 17 | 24 | 18 | 21 | 29.5 | 29.5 | 17 | |
| | | 3/8 | KAH10-U03 | 22 | | 22 | | | | | | 14 |
| | | 1/2 | KAH10-U04 | 22 | | 22 | | | | | | 14 |
| 12 | 12 | 1/4 | KAH12-U02 | 19 | 19 | 30.5 | 24.5 | 22 | 46.1 | 46.1 | 22 | |
| | | 3/8 | KAH12-U03 | 22 | | 25.5 | | | | | | 19.5 |
| | | 1/2 | KAH12-U04 | 22 | | 24.5 | | | | | | 16.5 |

* Las dimensiones de referencia después de la instalación de la rosca Uni.

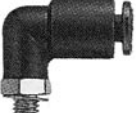

<M5, M6>



<Rosca Uni>

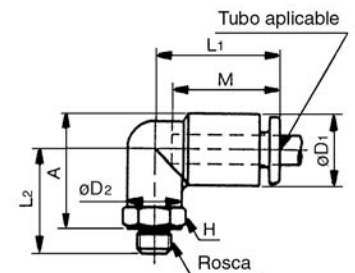


Codo orientable: KAL

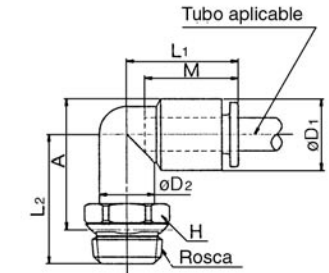
| <M5, M6> | ø ext. tubo (mm) | Rosca conexión Rosca M Rosca Uni | Ref. | H (Hex.) | øD1 | øD2 | L1 | L2 | A* | M | Orificio efectivo (mm ²) | | Peso (g) | |
|---|------------------|----------------------------------|-----------|----------|------|-----|------|------|------|------|--------------------------------------|-------------|----------|------|
| | | | | | | | | | | | Niñn maleable | 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 |
|  | 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 |
| | | 1/4 | KAL04-U02 | 14 | | | | 22 | | | | | | 21.5 |
| 6 | 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 |
| 8 | 8 | 1/4 | KAL06-U02 | 14 | 10 | 10 | 23 | 23 | 24 | 24.5 | 11.4 | 11.4 | 15 | |
| | | 3/8 | KAL06-U03 | 17 | | | | 24 | | | | | | 24.5 |
| | | 1/8 | KAL08-U01 | 12 | | | | 22.5 | | | | | | 25.5 |
| 10 | 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 |
| 12 | 12 | 1/4 | KAL10-U02 | 17 | 18.5 | 17 | 26.5 | 26.5 | 30 | 21 | 25.0 | 25.0 | 21 | |
| | | 3/8 | KAL10-U03 | 22 | | | | 27 | | | | | | 30.5 |
| | | 1/2 | KAL10-U04 | 22 | | | | 30 | | | | | | 31.5 |
| 12 | 12 | 1/4 | KAL12-U02 | 17 | 20.9 | 17 | 28.5 | 27 | 31.5 | 22 | 39.7 | 39.7 | 23 | |
| | | 3/8 | KAL12-U03 | 22 | | | | 28 | | | | | | 32.5 |
| | | 1/2 | KAL12-U04 | 22 | | | | 31 | | | | | | 33.5 |

* Las dimensiones de referencia después de la instalación de la rosca Uni.

<M5, M6>



<Rosca Uni>

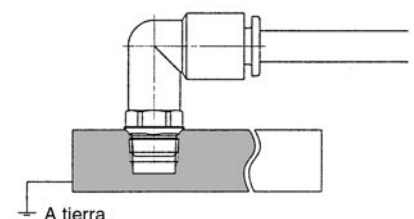


⚠ Precauciones

Léase detenidamente las instrucciones antes de su uso.
Véase en las págs. 0-26 y 0-27 las normas de seguridad y precauciones generales relativas a los productos mencionados en este catálogo y véase en la pág. 2.0-1 y 2.0-8 más información sobre las precauciones de cada serie.




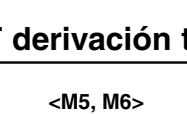


⚠ Advertencia

① La rosca hembra conectada en el racor tiene que estar colocada a tierra, si no es así, el racordaje y la tubería se verán cargados de electricidad estática.

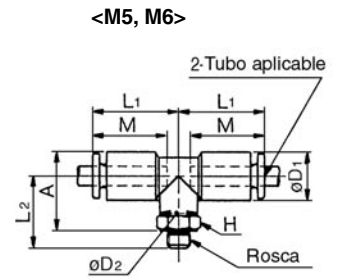


Serie KA

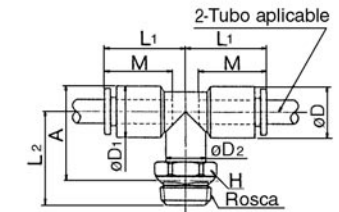
T tubo-tubo-macho: KAT

| <M5, M6> | Ø ext. tubo (mm) | Rosca conexión Rosca M Rosca Uni | Ref. | H (Hex.) | ØD1 | ØD2 | L1 | L2 | A* | M | Orificio efectivo (mm2) | | Peso (g) | | | | |
|---|------------------|--|-----------|----------|------|-----|------|------|------|------|-------------------------|-------------|----------|------|------|------|----|
| | | | | | | | | | | | Niòn maleable | 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 | | | | 19.5 | | | | | | 21 | | | |
|  | 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 | | | | 20 | | | | | | 21.5 | 6.0 | 6.0 | 9 |
| | | 1/4 | KAT04-U02 | 14 | | | | 22 | | | | | | | | | |
| | | 1/2 | KAT04-U03 | 18 | | | | 25 | | | | | | | | | |
|  | 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 | | | | 21.5 | | | | | | 23.5 | 13.9 | 13.9 | 10 |
| | | 1/4 | KAT06-U02 | 14 | | | | 23 | | | | | | | | | |
| | | 3/8 | KAT06-U03 | 17 | | | | 24 | | | | | | | | | |
|  | 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 | | | |
| | | 1/2 | KAT08-U04 | 21 | | | | 27 | | | | | | 29.5 | | | |
| | | 3/4 | KAT08-U05 | 25 | | | | 29.5 | | | | | | 30 | | | |
|  | 10 | 1/8 | KAT10-U01 | 17 | 18.5 | 17 | 26.5 | 25 | 29.5 | 21 | 29.0 | 29.0 | 27 | | | | |
| | | 1/4 | KAT10-U02 | 17 | | | | 26.5 | | | | | | 30 | | | |
| | | 3/8 | KAT10-U03 | 17 | | | | 27 | | | | | | 30.5 | | | |
| | | 1/2 | KAT10-U04 | 22 | | | | 30 | | | | | | 31.5 | | | |
| | | 3/4 | KAT10-U05 | 27 | | | | 31.5 | | | | | | 32 | | | |
|  | 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 | | | | | | 32.5 | | | |
| | | 1/2 | KAT12-U04 | 22 | | | | 31 | | | | | | 33.5 | | | |





* Las dimensiones de referencia después de la instalación de la rosca Uni.



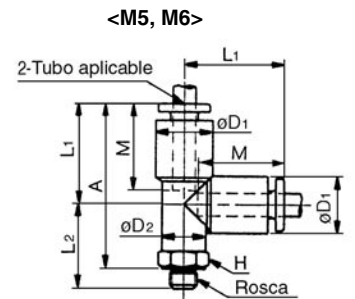
<Rosca Uni>



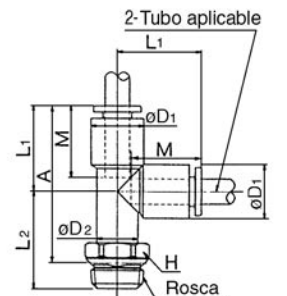
T derivación tubo-tubo macho: KAY

| <M5, M6> | Ø ext. tubo (mm) | Rosca conexión Rosca M Rosca Uni | Ref. | H (Hex.) | ØD1 | ØD2 | L1 | L2 | A* | M | Orificio efectivo (mm2) | | Peso (g) | | | | |
|---|------------------|--|-----------|----------|------|-----|------|------|------|------|-------------------------|-------------|----------|------|------|------|----|
| | | | | | | | | | | | Niòn maleable | 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 | | | | 19.5 | | | | | | 33 | | | |
|  | 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 | | | | 20 | | | | | | 34 | 6.4 | 6.4 | 9 |
| | | 1/4 | KAY04-U02 | 14 | | | | 22 | | | | | | | | | |
| | | 1/2 | KAY04-U03 | 18 | | | | 22 | | | | | | | | | |
|  | 6 | M5 | KAY06-M5 | 8 | 12.8 | 8 | 20 | 16 | 32 | 17 | 4.6 | 4.6 | 8 | | | | |
| | | M6 | KAY06-M6 | 8 | | | | 16.5 | | | | | | | | | |
| | | 1/8 | KAY06-U01 | 10 | | | | 21.5 | | | | | | 37.5 | 13.4 | 13.4 | 10 |
| | | 1/4 | KAY06-U02 | 14 | | | | 23 | | | | | | | | | |
| | | 3/8 | KAY06-U03 | 17 | | | | 24 | | | | | | | | | |
|  | 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 | | | |
| | | 1/2 | KAY08-U04 | 21 | | | | 27 | | | | | | 46.5 | | | |
| | | 3/4 | KAY08-U05 | 25 | | | | 46.5 | | | | | | 47.5 | | | |
| | 10 | 1/8 | KAY10-U01 | 17 | 18.5 | 17 | 26.5 | 26.5 | 47.5 | 21 | 28.4 | 28.4 | 27 | | | | |
| | | 1/4 | KAY10-U02 | 17 | | | | 27 | | | | | | 48 | | | |
| | | 3/8 | KAY10-U03 | 17 | | | | 27 | | | | | | 48 | | | |
| | | 1/2 | KAY10-U04 | 22 | | | | 30 | | | | | | 49 | | | |
| | | 3/4 | KAY10-U05 | 27 | | | | 49.5 | | | | | | 50.5 | | | |
| | 12 | 1/4 | KAY12-U02 | 17 | 20.9 | 17 | 28.5 | 27 | 51.5 | 22 | 45.4 | 45.4 | 31 | | | | |
| | | 3/8 | KAY12-U03 | 17 | | | | 28 | | | | | | 50.5 | | | |
| | | 1/2 | KAY12-U04 | 22 | | | | 31 | | | | | | 51.5 | | | |



* Las dimensiones de referencia después de la instalación de la rosca Uni.



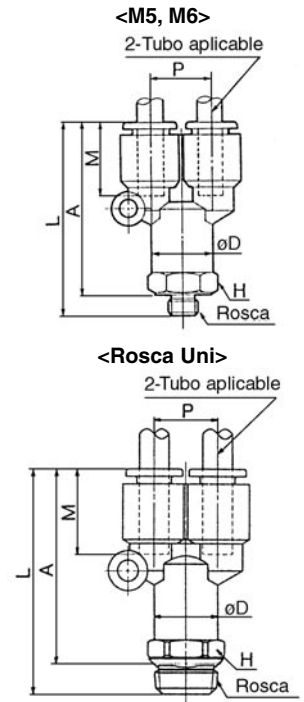
<Rosca Uni>




Tubo - tubo - macho: KAU

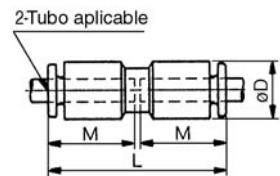
| <M5, M6> | Ø ext. tubo (mm) | Rosca conexión Rosca M Rosca Uni | Ref. | H (Hex.) | ØD | L | P | A* | M | Orificio efectivo (mm ²) | | Peso (g) |
|---|------------------|----------------------------------|-----------|----------|------|------|------|------|------|--------------------------------------|-------------|----------|
| | | | | | | | | | | Niñon maleable | Poliuretano | |
|  | 3.2 | M5 | KAU23-M5 | 10 | 9.6 | 38 | 9.6 | 34.5 | 15.5 | 2.2 | 2.2 | 9 |
| | | M6 | KAU23-M6 | 11 | | 38.5 | | | | 3.4 | 2.9 | |
| | | 1/8 | KAU23-U01 | 11 | | | | | | | | |
|  | 4 | 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 |
| | | 1/8 | KAU04-U01 | 14 | 42 | | | 11 | | | | |
| | | 1/4 | KAU04-U02 | 14 | | | | 16 | | | | |
| <Rosca Uni> | 6 | M5 | KAU06-M5 | 13 | 12.8 | 42.5 | 12.8 | 39 | 17 | 2.2 | 2.2 | 12 |
| | | M6 | KAU06-M6 | | | 43 | | | | | | |
| | | 1/8 | KAU06-U01 | 14 | 43.5 | 39.5 | 13.4 | 13.4 | 13 | | | |
| | | 1/4 | KAU06-U02 | 14 | 45 | 39 | | | 17 | | | |
| | | 3/8 | KAU06-U03 | 17 | 46 | 40 | | | 25 | | | |
| 8 | 8 | 1/8 | KAU08-U01 | 17 | 15.2 | 50.5 | 15.2 | 46 | 18.5 | 17.7 | 17.7 | 26 |
| | | 1/4 | KAU08-U02 | | | 52 | | | | | | 46 |
| | | 3/8 | KAU08-U03 | 17 | 51.5 | 45.5 | | | 27 | | | |
| 10 | 10 | 1/4 | KAU10-U02 | 19 | 18.5 | 57.5 | 18.5 | 51.5 | 21 | 28.4 | 28.4 | 38 |
| | | 3/8 | KAU10-U03 | | | 59 | | | | | | 51 |
| 12 | 12 | 1/4 | KAU12-U02 | 22 | 20.9 | 61 | 20.9 | 55 | 22 | 45.4 | 45.4 | 53 |
| | | 3/8 | KAU12-U03 | | | 62.5 | | | | | | 54.5 |
| | | 1/2 | KAU12-U04 | 22 | | | | | 52 | | | |

* Las dimensiones de referencia después de la instalación de la rosca Uni.




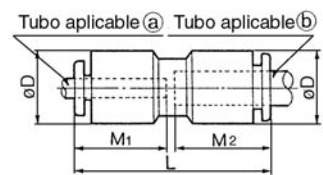
Unión tubo-tubo: KAH

| | Ø ext. tubo (mm) | Ref. | ØD | L | M | Orificio efectivo (mm ²) | | Peso (g) |
|---|------------------|----------|------|------|------|--------------------------------------|-------------|----------|
| | | | | | | Niñon maleable | 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 |



Unión reducción tubo-tubo: KAH

| | Ø ext. tubo (mm) | | Ref. | ØD | L | M1 | M2 | Orificio efectivo (mm ²) | | Peso (g) |
|---|------------------|----|----------|------|------|------|------|--------------------------------------|-------------|----------|
| | a | b | | | | | | Niñon maleable | 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 |

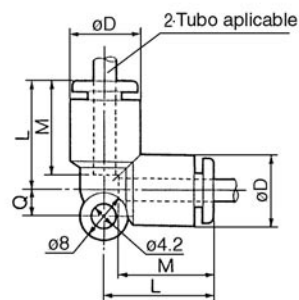


Serie KA

Codo tubo-tubo: KAL



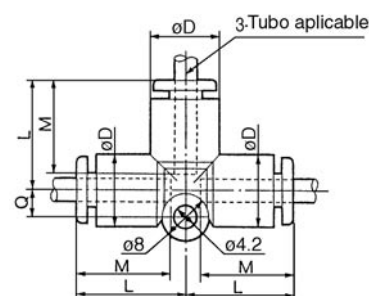
| ø ext. tubo (mm) | Ref. | øD | L | Q | M | Orificio efectivo (mm ²) | | Peso (g) |
|------------------|----------|------|------|-----|------|--------------------------------------|-------------|----------|
| | | | | | | Niñn maleable | Poliuretano | |
| 3.2 | KAL23-00 | 9.6 | 17.5 | 4.3 | 15.5 | 3.4 | 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 |



T tubo: KAT



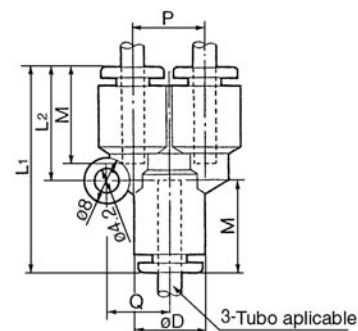
| ø ext. tubo (mm) | Ref. | øD | L | Q | M | Orificio efectivo (mm ²) | | Peso (g) |
|------------------|----------|------|------|-----|------|--------------------------------------|-------------|----------|
| | | | | | | Niñn maleable | Poliuretano | |
| 3.2 | KAT23-00 | 9.6 | 17.5 | 4.3 | 15.5 | 3.4 | 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 |



Y tubo: KAU



| ø ext. tubo (mm) | Ref. | øD | L1 | L2 | P | Q | M | Orificio efectivo (mm ²) | | Peso (g) |
|------------------|----------|------|------|------|------|------|------|--------------------------------------|-------------|----------|
| | | | | | | | | Niñn maleable | 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 |



Unión reducción clavija - tubo: KAR



| ø ext. tubo (mm) | Tamaño racor ød | Ref. | øD | L | A | M | Orificio efectivo (mm ²) | | Peso (g) |
|------------------|-----------------|----------|----------|------|------|------|--------------------------------------|-------------|----------|
| | | | | | | | Niñn maleable | 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 |
| 4 | 8 | KAR04-08 | | 36.5 | 18 | | | | 2.0 |
| | | 10 | KAR04-10 | 12.8 | 39.5 | 18.5 | | | 3.3 |
| 6 | 8 | KAR06-08 | 12.8 | 37 | 18.5 | 17 | 13.1 | 13.1 | 2.5 |
| | 10 | KAR06-10 | | 39.5 | 20 | | | | 3.0 |
| | 12 | KAR06-12 | | 42 | 20 | | | | 4.7 |
| 8 | 10 | KAR08-10 | 15.2 | 41 | 20 | 18.5 | 18.0 | 18.0 | 4.0 |
| | 12 | KAR08-12 | | 42 | 20 | | | | 4.6 |
| 10 | 12 | KAR10-12 | 18.5 | 44.5 | 20 | 21 | 32.8 | 32.8 | 33 |

