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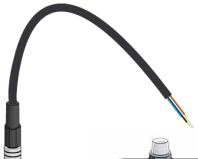
Klübermatic Accessories.



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Base Systems Single Point

| FLEX Base System | | NOVA Base System | |
|---|---|--|---|
|  |  |  |  |
| FLEX System | KM FLEX Support flange Article no. 838401 (recommended) | KM NOVA CONTROL Unit Article no. 838312 | LC Unit |

| STAR VARIO and STAR CONTROL Base System | | | |
|---|---|---|---|
|  |  |  |  |
| | |  |  |

| Position | Description | Article no. |
|-----------|----------------------------|----------------------|
| 1a | KM STAR VARIO Drive 2.0 | 838566 |
| 2a | KM STAR VARIO battery set | 838060 |
| 1b | KM STAR CONTROL Drive 2.0 | 838393 |
| 2b | KM STAR Cable 2.0 (5/10 m) | 838392/838394 |
| 3 | LC Unit | |
| 4 | KM STAR Support flange 2.0 | 838419 (recommended) |

Base System Multi Point (Grease)

Klübermatic PRO systems are multi-point lubrication systems. Depending on the dispensing time from one day to 24 months, 250 cm³ or 500 cm³ of lubricant is dispensed from max. 6 outlets to the lubrication points. Due to the pressure build-up of max. 25 bar, the lubricant is distributed without pressure loss even when using tubings of up to 5 metres (per outlet). This increases workplace safety and allows for lubrication when the system is running.

KM PRO Base Systems



| Position | Description | Article no. |
|----------|-------------------------------|-------------|
| 1 | KM PRO Protection cap 250 ccm | 838299 |
| 1a | KM PRO Protection cap 500 ccm | 838300 |
| 2 | KM PRO LC Unit 250 ccm | |
| 2a | KM PRO LC Unit 500 ccm | |
| 3 | KM PRO MP-6 Base System | 838380 |
| 3a | KM PRO LINE Base System | 838381 |
| 4 | KM PRO C MP-6 Base System | 838298 |
| 4a | KM PRO C LINE Base System | 838307 |

Base System Multi Point (Oil)

The Klübermatic ECOSY is a compact multi-point lubrication system specifically developed for the lubrication of chains. It can lubricate up to 6 lubrication points. The discharge amount for each outlet can be set individually and separately from the other outlets. The ECOSY control unit can be adjusted to meet the requirements of different types of applications.

Lubrication only takes place when needed as the discharge is based on operating hours. Klübermatic ECOSY both optimizes and minimizes your oil consumption and maintenance costs. It is very low-maintenance and only requires refills of the oil tank.

KM ECOSY System



ECOSY Drive
Article no. 838407



ECOSY Control sensor
Article no. 838408 (optional)

Drives and base systems

The above mentioned assortments contain the basic elements necessary for a Klübermatic installation with the related article numbers.

Below you can find the individual article numbers for spare parts (and the base systems) as well as accessories related to the drive unit (e.g. protection caps, connection cables etc.)

| Drive single | Article no. |
|---------------------------|-------------|
| KM STAR VARIO Drive 2.0 | 838566 |
| KM STAR CONTROL Drive 2.0 | 838393 |

| Drive multi grease | Article no. |
|-------------------------|-------------|
| KM PRO Drive | 838382 |
| KM PRO MP-6 Distributor | 838304 |
| KM PRO C Drive | 838303 |
| KM PRO LINE Drive | 838384 |
| KM PRO C LINE Drive | 838306 |

| Base systems | Article no. |
|---------------------------|-------------|
| KM PRO MP-6 Base System | 838380 |
| KM PRO LINE Base System | 838381 |
| KM PRO C MP-6 Base System | 838298 |
| KM PRO C LINE Base System | 838307 |

Single Point Accessories

| Picture | KM FLEX Accessories | Article no. |
|---|--|-------------------------------|
|  | KM FLEX Support flange 2.0 G1/4o x G1/4i | 838401 |
| Picture | KM STAR Accessories | Article no. |
|  | KM STAR CONTROL Cable 2.0 | 838398 (5 m) 838392 (10 m) |
|  | KM STAR VARIO battery set | 838060 |
|  | KM STAR Protection cap 250 | 838260 |
|  | KM STAR Protection cap 120/60 | 838259 |
|  | KM NOVA Control Unit | 838312 |
|  | KM Backup Battery STAR CONTROL 2.0 | 838437 |
|  | KM Adapter Cable STAR CONTROL 2.0 | 838441 |
|  | KM STAR 2.0 Support flange G1/4o x G1/4i | 838419 |

Multi Point Accessories

| Picture | KM PRO Accessories | Article no. |
|---|---|-------------|
|  | KM PRO Cover LC 250 | 838299 |
|  | KM PRO Cover LC 500 | 838300 |
|  | KM PRO C M12 Connection cable (10 m) | 838301 |
|  | KM PRO MP-6 Connection cable (14 cm) | 838305 |
|  | KM PRO Protection Cabinet single (steel) Incl. mounting plate and mounting set With pre-bored holes for grease lines and cable screw connections | On demand |
|  | KM PRO Protection Cabinet double (steel) Incl. mounting plate and mounting set No bore holes for grease lines No cable screw connections | 838309 |
|  | KM PRO BATTERY B | 838383 |
|  | KM PRO Mounting device (wall mounting) | 838411 |

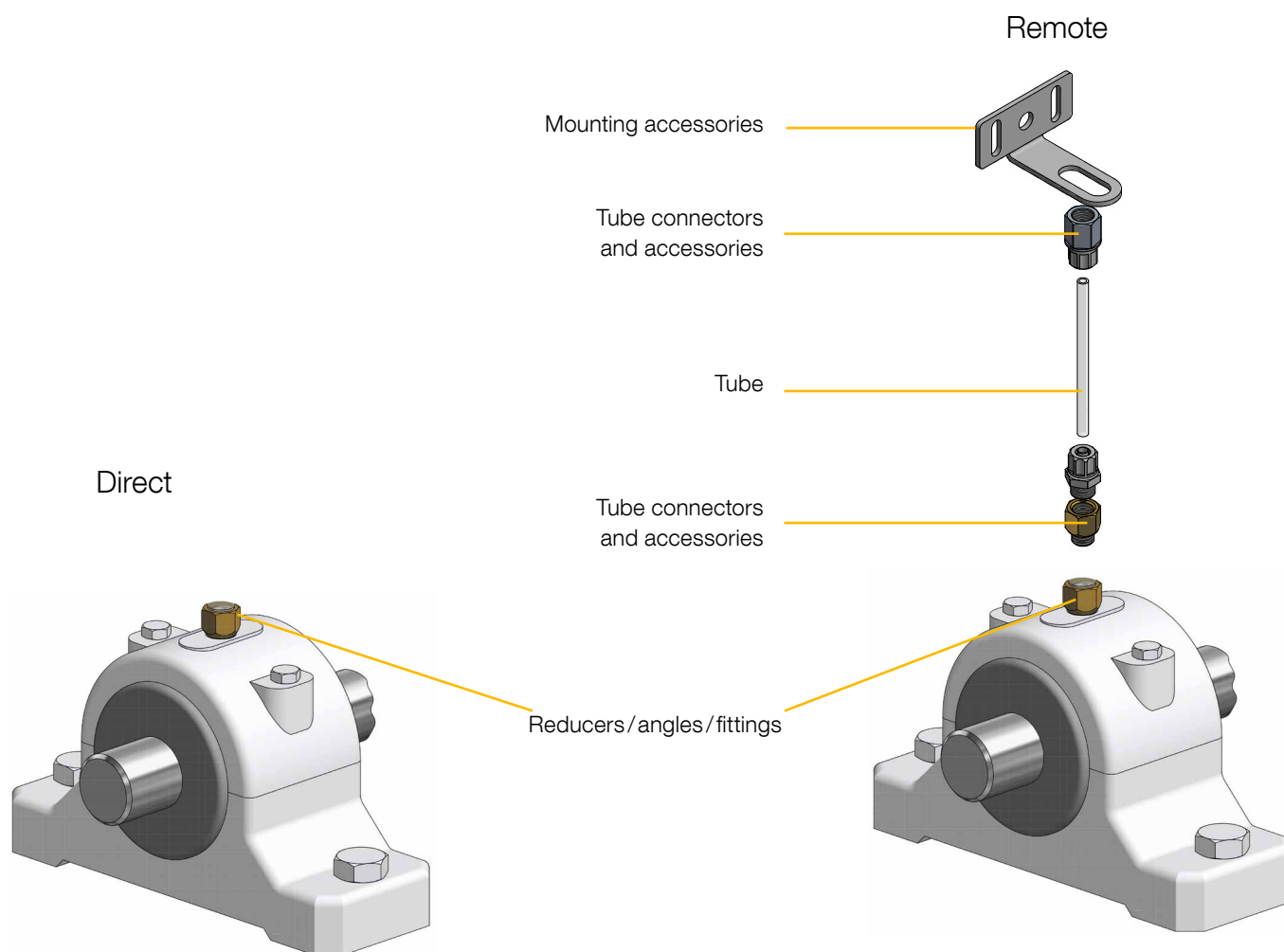
Grease Lubrication Single Point

Single Point installation

In order to install the Klübermatic single point system (FLEX, STAR, NOVA) you will need a base system and the accessories you find on the following sites. You can follow the options for

direct or indirect mounting, depending on your application. You will find the necessary parts on the sites mentioned below.

Base Systems Single Point



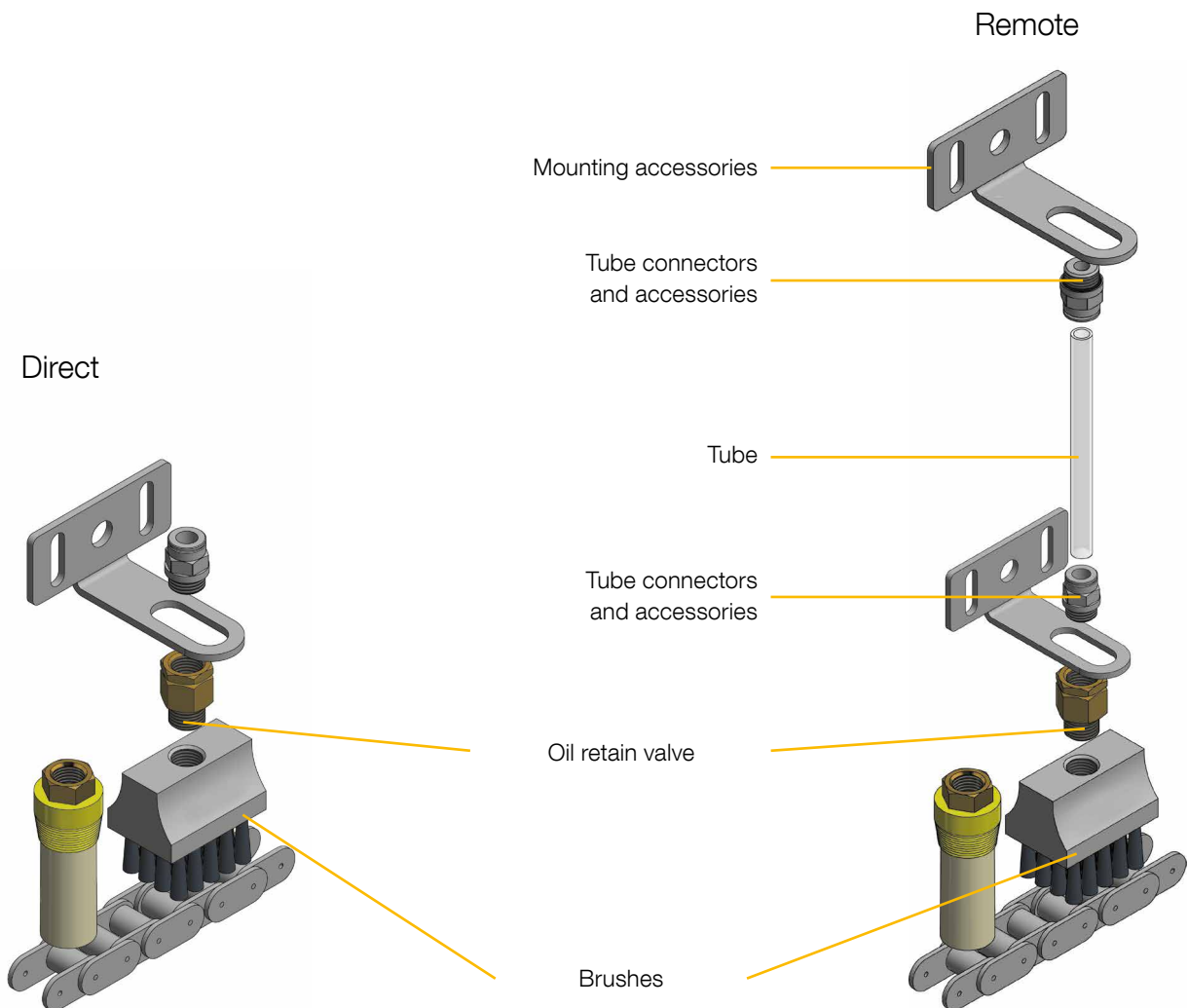
Oil Lubrication Single Point

Single Point installation (chain application)

In order to install the Klübermatic single point system (FLEX, STAR, NOVA) on a chain you will need a base system and the accessories you find on the following sites. You can follow

the options for direct or indirect mounting, depending on your application. You will find the necessary parts on the sites mentioned below.

Base Systems Single Point



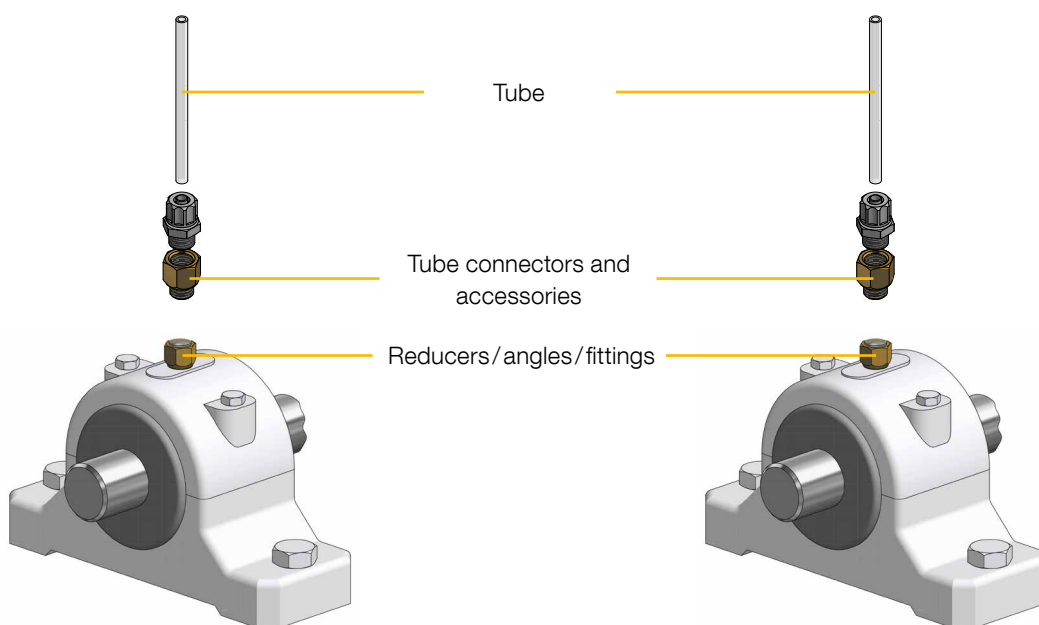
Grease Lubrication Multi Point

Multi Point installation (Grease)

In order to install the Klübermatic multi point system for grease (Klübermatic PRO) you will need a base system and the accessories you find on the following sites. You can follow

the options for direct or indirect mounting, depending on your application. You will find the necessary parts on the sites mentioned below.

Base System Grease Multi Point



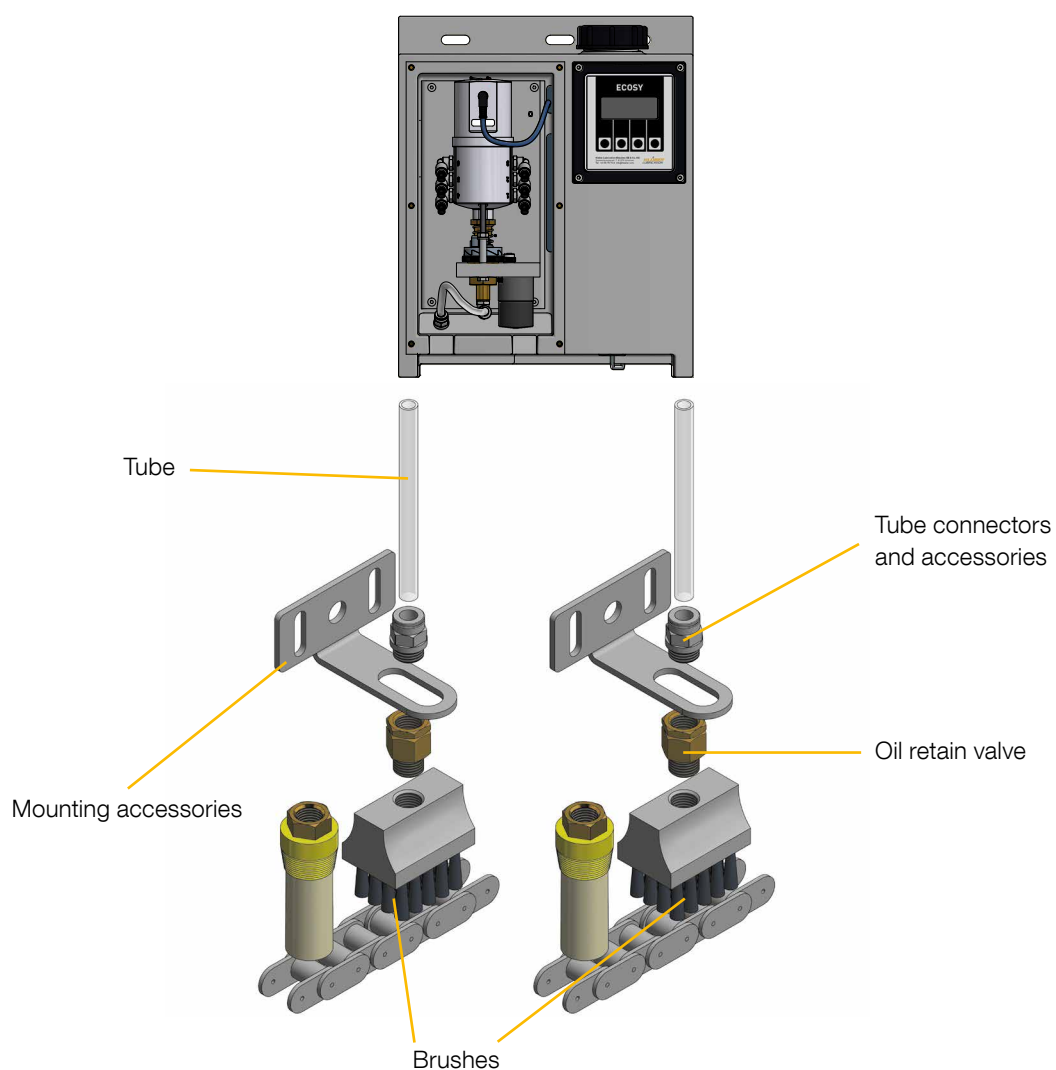
Oil Lubrication Multi Point

Multi Point installation (Oil)









In order to install the Klübermatic multi point system for oil (Klübermatic ECOSY) you will need a base system and the accessories you find on the following sites. You can follow

the options for direct or indirect mounting, depending on your application. You will find the necessary parts on the sites mentioned below.




Base System Oil Multi Point













Mounting Accessories

| Picture | Mounting plate/Mounting angles/Mounting brackets | Brass | Stainless steel |
|---|--|--------|-----------------|
|  | KM Mounting plate 110 × 70 × 2.5 mm – holespacing 45 mm | | 838247 |
|  | KM Mounting angle 50 × 50 × 70 × 2.5 mm – holespacing 45 mm | | 838248 |
|  | KM Mounting angle 50 × 70 × 70 × 2.5 mm – holespacing 45 mm | | 838249 |
|  | KM Mounting angle 50 × 100 × 70 × 2.5 mm – holespacing 45 mm/22.5 mm | | 838250 |
|  | KM Mounting angle 50 × 180 × 70 × 5 mm – holespacing 45 mm | | 838429 |
|  | KM Bracket | | 838256 |
|  | KM Insert for bracket | 838170 | 838218 |
|  | KM Universal-Clip FLEX, NOVA, STAR (KS) | 838402 | |







| Picture | Clamps and hangers (suitable for FLEX/NOVA/STAR) | Material | Article no. |
|---|--|-----------------|-------------|
|  | KM Beam clamp 30 mm | Stainless steel | 838446 |
|  | KM Beam clamp 65 mm | Stainless steel | 838535 |
|  | KM Cage hanger arm | Stainless steel | 838534 |


| Picture | Mounting brackets for FLEX/NOVA | Material | Article no. |
|---|---|-----------------|-------------|
|  | KM Mounting bracket FLEX, NOVA G1/4i | Stainless steel | 838428 |
|  | KM Mounting bracket FLEX, NOVA 2-point G1/4 | Stainless steel | 838533 |
|  | KM Cage hanger FLEX, NOVA 1-point G1/4 | Stainless steel | 838536 |
|  | KM Cage hanger FLEX, NOVA 2-point G1/4 | Stainless steel | 838534 |



| Picture | Mounting brackets for STAR | Material | Article no. |
|---|--|-----------------|-------------|
|  | KM Mounting bracket STAR 1-point G1/4 SD | Stainless steel | 838454 |
|  | KM Mounting bracket STAR 2-point G1/4 SD | Stainless steel | On demand |
|  | KM C-section STAR 1-point G1/4 HD | Stainless steel | 838531 |
|  | KM C-section STAR 2-point G1/4 HD | Stainless steel | On demand |
|  | KM Cage hanger STAR 1-point G1/4 SD | Stainless steel | 838532 |
|  | KM Cage hanger STAR 2-point G1/4 SD | Stainless steel | On demand |

Tubes











| Picture | Standard tubes up to 6 bar | Article no. |
|---|--|-------------|
|  | KM Tube ECOSY PA +80 °C iØ 4 mm/oØ 6 mm | 838410 |
|  | KM Tube FLEX, NOVA, STAR PA +80 °C iØ 6 mm/oØ 8 mm translucent | 838157 |
|  | KM Tube FLEX, NOVA, STAR PTFE +260 °C iØ 6 mm/oØ 8 mm translucent | 838159 |

| Picture | KM Tubes up to 25 bar for PRO | Article no. |
|---|---|-------------|
|  | KM Tube PRO PA +100 °C, iØ 5 mm/oØ 8 mm black | 838404 |





| Picture | Low pressure tube | Article no. |
|--|---|-------------|
|  | KM Heavy Duty hose FLEX, NOVA, STAR +100 °C iØ 9.5 mm/oØ 16 mm black | 838447 |





| Picture | VA-Flex tubes up to +260 °C/Cutting ring couplings | Article no. |
|---|---|-------------|
|  | KM Tube up to +260 °C, iD 8 mm, 1,000 mm PTFE/stainless steel | 838477 |
|  | KM Tube up to +260 °C, iD 8 mm, 1,500 mm PTFE/stainless steel | 838478 |

Tube Connectors and Accessories












| Picture | KM Tube connectors (plug-in) up to 25 bar | Article no. |
|---|---|-------------|
|  | KM Tube connector G1/8 90°, 6 mm, rotary | 838122 |
|  | KM Tube connector G1/4o straight, 6 mm | 838405 |
|  | KM Tube connector G1/4i straight, 6 mm | 838406 |
|  | KM Tube connector G1/8 straight, 8 mm | 838264 |
|  | KM Tube connector G1/4o straight, 8 mm | 838161 |
|  | KM Tube connector G1/4i straight, 8 mm | 838156 |
|  | KM Tube connector G1/4o 90°, 8 mm | 838395 |
|  | KM Tube connector G3/8 straight, 8 mm | 838163 |
|  | KM Tube connector M10 x 1o 90° rotary | 838427 |
|  | KM Tube connector M6o 90°, swivel type | 838423 |

Tube Connectors and Accessories









| Picture | VA-Flex tubes up to +260 °C/Cutting ring couplings | Article no. |
|--|--|-------------|
|  | KM Coupling R1/4o oD 8 mm straight | 838525 |
|  | KM Coupling R1/8o for oD 8 mm 90° adj. | 838526 |
|  | KM Coupling R1/8o oD 8 mm straight | 838527 |
|  | KM Coupling straight – config. for oD 8 mm | 838528 |

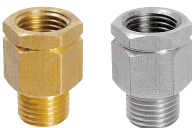

| Picture | Accessories for tube (plug-in) | Article no. |
|---|---|-------------|
|  | KM Y-Tube connector, 6 mm | 838409 |
|  | KM Tube prefill adapter tube, 8 mm grease | 838164 |
|  | KM Tube connector G1/4o (9.5 mm) | 838444 |
|  | KM Extension for tube oD 6 mm to oD 8 mm | 838430 |



Reducers, Angles, Fittings, Extensions

| Picture | Reducers/Reducer couplings | Brass | Stainless steel |
|---|----------------------------|-----------|-----------------|
|  | KM Reducer R1/2o x G1/4i | On demand | |
|  | KM Reducer G1/8o x G1/4i | 838190 | 838222 |
|  | KM Reducer G1/4o x G1/8i | 838483 | |
|  | KM Reducer R3/4o x G1/4i | 838484 | |
|  | KM Reducer R3/8o x G1/4i | 838485 | |
|  | KM Reducer M6o x G1/4i | 838194 | 838032 |
|  | KM Reducer M8 x 1o x G1/4i | 838196 | 838224 |
|  | KM Reducer M8o x G1/4i | 838486 | 838529 |
|  | KM Reducer M10 x 1o x G1/i | 838197 | 838225 |
|  | KM Reducer M10o x G1/4i | 838487 | |
|  | KM Reducer M12o x G1/4i | 838488 | |











Reducers, Angles, Fittings, Extensions







| Picture | Reducers/Reducer couplings | Brass | Stainless steel |
|---|---|-----------|-----------------|
|  | KM Reducer M12x1o x G1/4i | 838489 | |
|  | KM Reducer M12x1.5o x G1/4i | 838490 | |
|  | KM Reducer M14x1.5o x G1/4i | 838491 | |
|  | KM Reducer M14o x G1/4i | 838492 | |
|  | KM Reducer M16o x G1/4i | 838494 | |
|  | KM Reducer M16x1.5o x G1/4i | 838495 | |
|  | KM Reducer whitworth 1/4"o x G1/4i | 838496 | |
|  | KM Reducer coupl. G3/8i to G1/8i oD8 mm (nickel-plated) | On demand | |

| Picture | Oil retaining valves | On demand | Stainless steel |
|---|--|-----------|-----------------|
|  | KM Oil retaining valve +60 °C, plastic | 838160 | 838228 |
|  | KM Oil retaining valve +150 °C | 838217 | |












| Picture | Klübermatic Assembling Kit | Article no. |
|--|---|-------------|
|  | KM Assembling Kit Grease – KM Reducer G1/8o x G1/4i (brass) – KM Reducer M6o x G1/4i (brass) – KM Reducer M8x1o x G1/4i (brass) – KM Reducer M10x1o x G1/4i (brass) | 838561 |
|  | KM Assembling Kit Oil – KM Reducer G1/8o x G1/4i (brass) – KM Reducer M6o x G1/4i (brass) – KM Reducer M8x1o x G1/4i (brass) – KM Reducer M10x1o x G1/4i (brass) – KM Oil retaining valve G1/4o x G1/4i up to +60 °C (brass with plastic valve) | 838562 |

Reducers, Angles, Fittings, Extensions







| Picture | Angles | Brass | Stainless steel |
|---|--------------------------------|-----------|-----------------|
|  | KM Angle 45° G1/4o x G1/4i | 838176 | 838038 |
|  | | | |
|  | KM Angle 45° M6o x G1/4i | 838443 | |
|  | KM Angle 45° M8 x 1o x G1/4i | On demand | |
|  | KM Angle 45° M10 x 1Ao x G1/4i | 838385 | |
|  | KM Angle 90° G1/4o x G1/4i | 838180 | 838221 |
|  | | | |
|  | KM Angle 90° M6o x G1/4i | On demand | |
|  | KM Angle 90° M8 x 1o x G1/4i | On demand | |
|  | KM Angle 90° M10 x 1o x G1/4i | 838386 | |



| Picture | Others | Brass | Stainless steel |
|---|-----------------------------------|-----------|-----------------|
|  | KM Swivelling screw fitting G1/4o | 838184 | |
|  | KM T-Adapter 3 x G1/4i | 838389 | On demand |
|  | KM Bulkhead nipple G3/8o x G1/4i | On demand | |
|  | KM Hexagon nipple R1/4o | 838388 | 838530 |
|  | KM Sleeve G1/4i | On demand | On demand |
|  | | | |

Reducers, Angles, Fittings, Extensions

| Picture | Extensions | Brass | Stainless steel |
|---|---|--------|-----------------|
|  | KM Extension R1/4o x G1/4i 30 mm | 838212 | |
|  | KM Extension R1/4o x G1/4i 45 mm | 838213 | 838226 |
|  | KM Extension R1/4o x G1/4i 75 mm | 838214 | 838227 |
|  | KM Extension R1/4o x G1/4i 115 mm | 838426 | |
|  | KM Extension G1/8o x G1/8i 16 mm, MP6 | 838397 | |
|  | KM Extension G1/8o x G1/8i 36 mm, MP6 | 838396 | |
|  | KM Extension M6 x 0.75o x M6i 14 mm | 838450 | |
|  | KM Extension M6 x 0.75o x M6i 30mm | 838449 | |
|  | KM Extension M6o x M6i 14 mm | 838498 | |
|  | KM Extension M6o x M6i 30 mm | 838550 | |
|  | KM Extension R1/8o x G1/4i 50 mm, brass | 838442 | |









Brushes and Gear Lubrication

| Picture | Oil brushes | Brush with horsehair up to +80 °C | High temperature brush with PPS bristles up to +180 °C | High temperature brush with stainless steel bristles up to +350 °C |
|---|--|-----------------------------------|--|--|
|  | KM Lubricating brush Ø 20 mm G1/4i | 838185 | | |
|  | KM Lubricating brush 40 x 30 mm 8385500001 G1/4i | Top 838186 | 838466 | 838469 |
|  | KM Lubricating brush 60 x 30 mm G1/4i | Top 838187 | 838467 | 838470 |
|  | KM Lubricating brush 100 x 30 mm G1/4i Top | Top 838188 | 838468 | 838471 |
|  | KM Oil brush 40 x 30 mm G1/4i lateral | 838421 | | |
|  | KM Oil brush 60 x 30 mm G1/4i lateral | 838451 | | |




| Picture | Special connecting parts | Article no. |
|---|---|-------------|
|  | KM Universal-Brush box (KS) | 838403 |
|  | KM Lubrication pocket for open gear lubrication | 838284* |

*Custom made to your specification. Please provide: module, no. of teeth, radius (mm) and width of gear (mm)

Brushes and Gear Lubrication

| Picture | Special Accessories | Article no. |
|---|---|-------------|
|  | KM Spacer for special brush 13 mm | 838413 |
|  | KM Special brush through hole + 80 °C | 838414 |
|  | KM Special brush tapped bore M6 80 °C | 838415 |
|  | KM Special brush 60 × 15 mm | 838436 |
|  | KM Special moun. bracket right, special brush | 838434 |
|  | KM Special moun. bracket left, special brush | 838433 |
| | KM Drain cup 250 cc | 838398 |
|  | KM Ropeway KIT | 838448 |
|  | KM Sample case new | 838379 |

Additional Accessories

| Picture | KM Prefilling | Article no. |
|---|---------------------------------|-------------|
|  | KM Oil gun | 838439 |
|  | KM Accessory set for grease gun | 838440 |
|  | KM Grease gun | 838438 |



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Innovative tribological solutions are our passion. Through personal contact and consultation, we help our customers to be successful worldwide, in all industries and markets. With our ambitious technical concepts and experienced, competent staff we have been fulfilling increasingly demanding requirements by manufacturing efficient high-performance lubricants for more than 90 years.

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