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Hard copy product catalogues, and CDRoms have been published describing Kuhnke Pneumatics, Solenoids, Relays and Electronics; some divided into different books. A list of current publications is available on this web site or from our sales offices. Some may be available for download, but as substantially larger files.

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### Important Note

The information shown in these documents is for guidance only. No liability is accepted for any errors or omissions. The designer or user is solely responsible for the safe and proper application of the parts, assemblies or equipment described.

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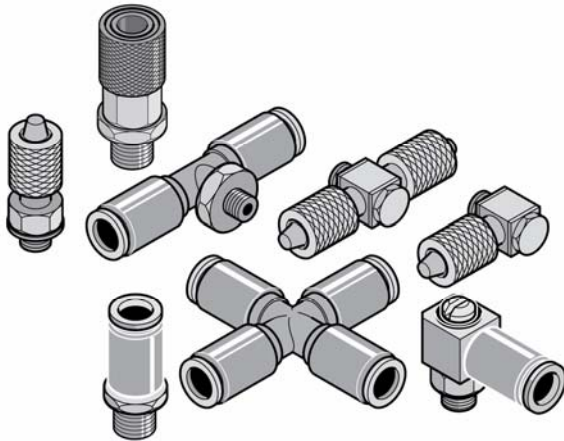
# Fittings and Misc. Accessories

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## Series 50,52,56 Fittings

Kuhnke System Logic Devices

### Miniature Metric Brass Fittings



#### Series 50

Brass metric sized fittings provide a full family of connectors for most applications in miniature pneumatics. Machined from solid brass stock, fittings are dependable, easy to install and reduce space requirements.

Series 50 fittings also include quick connect couplings and brass manifolds.

#### Series 52, 56

Instant push-in fittings provide a fast means of connecting pneumatic systems. Air connections are made by pushing tubing into fitting. Removal of tubing is done by pressing in on the brass collar, releasing tube. Series 52 fittings are designed for 4mm tubing and are constructed with a brass base and an anodized aluminum collar. Series 56 push-in fittings are constructed the same except have molded collars, and accept 6mm tubing.

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### Technical Specifications

**Operating Pressure;**  
0-12 bar or vacuum.

**Material:**  
Series 50 – Brass  
Series 52 – Brass, anodized  
aluminum sleeve.  
Series 56 – Brass, Polyamide sleeve.

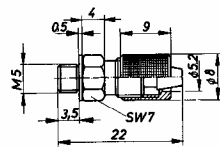
**Port/Thread:**  
M5, G 1/8, G 1/4  
**Port Washers:**  
Nylon or Buna N

**Type of tubing:**  
Fittings accept most non-rigid nylon  
or plastic (polyamide) tubes. See  
specific fittings for wall thickness  
limitations.

### Miniature Metric Brass Fittings

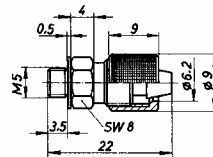
#### Tube Coupling

M5 for 5 x 1 mm tubing **50007**



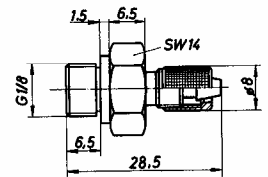
#### Tube Coupling

M5 for 6 x 1 mm tubing **50021**



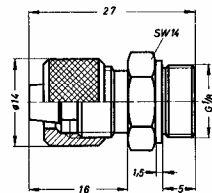
#### Tube Coupling

G 1/8 for 5 x 1 mm tubing **50008**



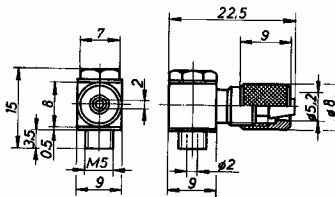
#### Tube Coupling

G 1/8 for 6 x 1 mm tubing **50046**



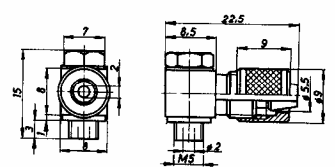
#### L – Banjo

M5 for 5 x 1 mm tubing **50130**



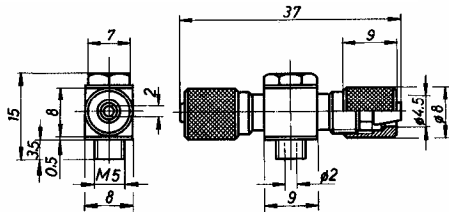
#### L – Banjo

M5 for 6 x 1 mm tubing **50191**



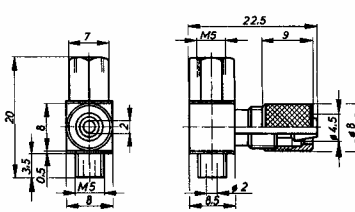
#### T – Banjo

M5 for 5 x 1 mm tubing **50140**  
M5 for 6 x 1 mm tubing **50192**



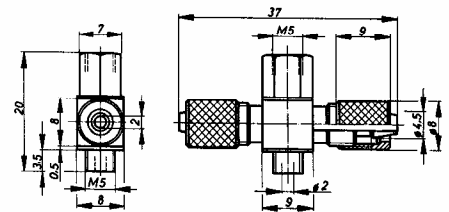
#### L – Banjo

M5 for 5 x 1 mm tubing **50170**



#### T – Banjo

M5 for 5 x 1 mm tubing **50180**



# Fittings and Misc. Accessories

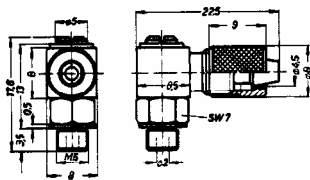
## Series 50 Fittings

Kuhnke System Logic Devices

### Miniature Metric Brass Fittings

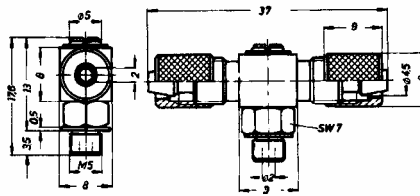
#### L – Swivel

**50400** 5 x 1 Tubing  
**50420** 6 x 1 Tubing  
 M5 movable swivel screw fitting for slow turning movements.



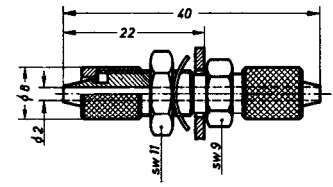
#### T – Swivel

**50410** 5 x 1 Tubing  
 M5 movable swivel screw fitting for slow turning movements.



#### Bulkhead Coupling

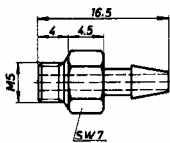
**50056** 5 x 1 Tubing



#### Tube Nipple (Polyamide)

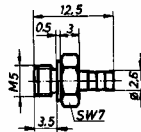
**50704** M5 for 3 mm I.D. Tubing  
**50706** M5 for 2 mm I.D. Tubing

Max. Tightening torque 1.5 lbs. Self sealing thread. Temperature range -10° C to + 40° C.



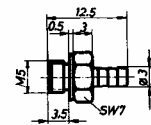
#### Tube Nipple

**50036** M5 for 2 mm I.D. Tubing



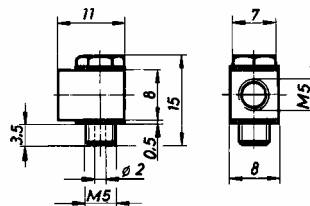
#### Tube Nipple

**50040** M5 for 2 mm I.D. PVC type Tubing



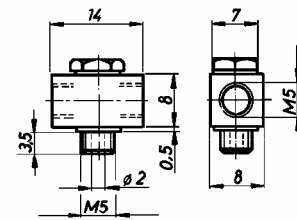
#### L – Banjo

**50121** M5 with hex head  
**50150** M5 with screw head



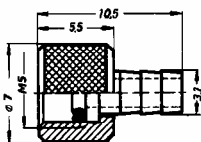
#### T – Banjo

**50123** M5 with Hex head



#### Tube Coupling (Female)

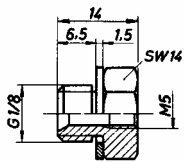
**50045** M5 for 2 mm I. D. Tubing



### Miniature Metric Brass Fittings

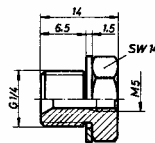
#### Reducing Nipple

G 1/8 to M5 **50052**



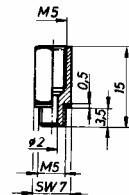
#### Reducing Nipple

G 1/4 to M5 **50054**  
G 1/4 to G 1/8 **50627**



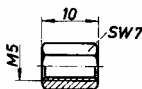
#### Coupling

Male to Female M5 **50051**



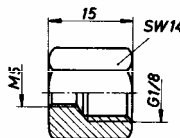
#### Coupling Sleeve

Female to Female M5 **50009**



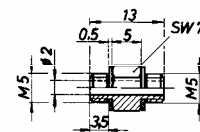
#### Reducing Sleeve

Female G 1/8 to M5 **50053**



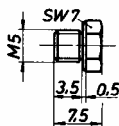
#### Double Nipple

Male to Male M5 **50050**



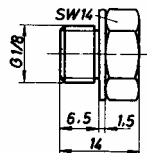
#### Port Plug

M5 **50500**



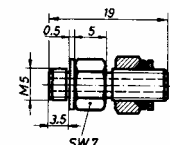
#### Port Plug

G 1/8 **50501**



#### Double Nipple

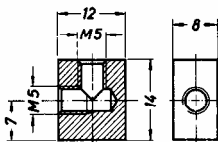
M5 with locknut **50100**



### Miniature Metric Brass Fittings

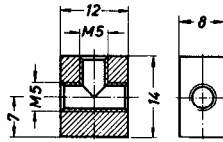
#### L – Manifold

50120 M5



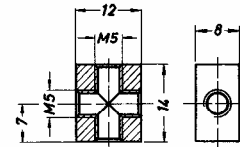
#### T – Manifold

50122 M5



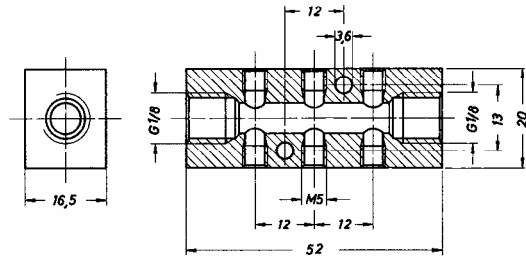
#### X – Manifold

50124 M5



#### Manifold

50222 6 output  
Two G 1/8 inputs to six M5 outputs.



#### Manifold

50224 10 output  
Two G 1/8 inputs to ten M5 outputs.

