

**Technical Description**

Brass coupling system produced for raw applications. Ergonomic sleeve design prevents dirt on the valve body. The system is suitable for use with non-aggressive liquid media.

**Advantages**

Single handed operation.  
Anti-corrosive.

**Working Pressure**

PB = 35 bar, maximum static working pressure with safety factor of 4 to1.

**Interchangeability**

ARO 310  
ORION 44520  
ORION 44530

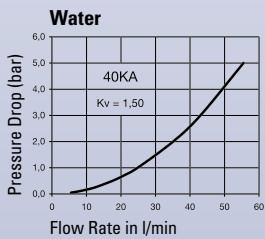
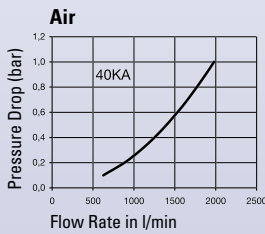
**Working Temperature\***

-20°C up to +100°C (NBR)  
-40°C up to +120/150°C (EPDM)  
-15°C up to +200°C (FKM)  
depending on the medium

\*At a temperature below -20°C and above +100°C special seals are available on request.



**Chart**

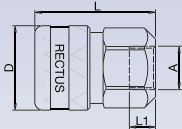


| Material                | Standard | Nickel Plated        |
|-------------------------|----------|----------------------|
| <b>Coupling</b>         |          |                      |
| Back Body               | Brass    | Brass, Nickel Plated |
| Valve Body              | Brass    | Brass, Nickel Plated |
| Sleeve                  | Brass    | Brass, Nickel Plated |
| Valve                   | Brass    | Brass                |
| Spring and Locking Ring | AISI 301 | AISI 301             |
| Pins                    | AISI 420 | AISI 420             |
| Seals                   | NBR      | NBR                  |

|             |                               |
|-------------|-------------------------------|
| <b>Plug</b> |                               |
| Plug        | Steel Hardened, Nickel Plated |

**Couplings**

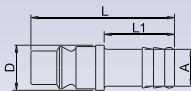
**RECTUS Series 40KA**

|   | Connection A | Hex SW | L mm | D mm | L1 mm | L2 mm | Hex1 SW1 | B mm | G mm | Version       | Part Number   | DS            |   |
|---|--------------|--------|------|------|-------|-------|----------|------|------|---------------|---------------|---------------|---|
|  <p><b>Female Thread</b></p> | G 3/8        | 27     | 46   | 32   | 10    |       |          |      |      | Standard      | 40KA IW17 MPX | ■             |   |
|   |              |        |      |      |       |       |          |      |      | Nickel Plated | 40KA IW17 MPN | ■□            |   |
|   | G 1/2        | 27     | 46   | 32   | 11    |       |          |      |      |               | Standard      | 40KA IW21 MPX | ■ |
|   |              |        |      |      |       |       |          |      |      |               | Nickel Plated | 40KA IW21 MPN | ■ |

DS = Delivery Status: ■ in stock ■ on short call ■ medium term delivery

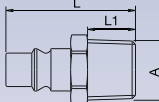
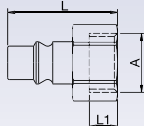
## Plugs

## RECTUS Series 40KA

|   | Connection A | Hex SW | L mm | D mm | L1 mm | L2 mm | Hex1 SW1 | B mm | G mm | Version  | Part Number   | DS |
|---|--------------|--------|------|------|-------|-------|----------|------|------|----------|---------------|----|
|  <p><b>Hose Barb</b></p> | 6 mm         |        | 51   | 16   | 25    |       |          |      |      | Standard | 40SF TF06 SXN | ■  |
|   | 8 mm         |        | 51   | 16   | 25    |       |          |      |      | Standard | 40SF TF08 SXN | ■  |
|   | 10 mm        |        | 51   | 16   | 25    |       |          |      |      | Standard | 40SF TF10 SXN | ■  |
|   | 13 mm        |        | 51   | 16   | 25    |       |          |      |      | Standard | 40SF TF13 SXN | ■  |
|   | 19 mm        |        | 51   | 21   | 25    |       |          |      |      | Standard | 40SF TF19 SXN | ■  |

## Plugs

## RECTUS Series 40KA

|   | Connection A | Hex SW | L mm | D mm | L1 mm | L2 mm | Hex1 SW1 | B mm | G mm | Version  | Part Number   | DS |
|---|--------------|--------|------|------|-------|-------|----------|------|------|----------|---------------|----|
|  <p><b>Male Thread</b></p>     | R 3/8        | 16     | 40   |      | 12    |       |          |      |      | Standard | 40SF AK17 SXN | ■  |
|   | R 1/2        | 16     | 46   |      | 17    |       |          |      |      | Standard | 40SF AK21 SXN | ■  |
|   | R 3/4        | 16     | 51   |      | 19    |       |          |      |      | Standard | 40SF AK26 SXN | ■  |
|  <p><b>Female Thread</b></p> | G 3/8        | 19     | 35   |      | 9     |       |          |      |      | Standard | 40SF IW17 SXN | ■  |
|   | G 1/2        | 24     | 39   |      | 12    |       |          |      |      | Standard | 40SF IW21 SXN | ■  |

DS = Delivery Status:

■ in stock

□ on short call

□ medium term delivery