**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 to 1.

**Interchangeability**

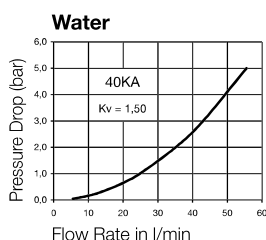
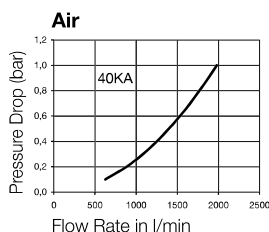
ARO 310  
ORION 44520  
ORION 44530

**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.

90% of actual size

**Chart****Material****Coupling**

Back Body  
Valve Body  
Sleeve  
Valve  
Spring and Locking Ring  
Pins  
Seals

**Standard**

Brass  
Brass  
Brass  
Brass  
AISI 301  
AISI 420  
NBR

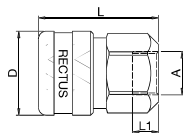
**Nickel Plated**

Brass, Nickel Plated  
Brass, Nickel Plated  
Brass, Nickel Plated  
Brass  
AISI 301  
AISI 420  
NBR

**Plug**

Plug

Steel Hardened, Nickel Plated

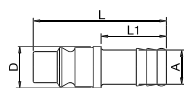
**Couplings****RECTUS Series 40KA**

Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
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

## Plugs

## RECTUS Series 40KA

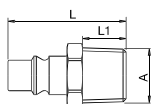


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
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

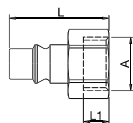
## Plugs

## RECTUS Series 40KA



Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
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



Female Thread

G 3/8	19	35		9					Standard	40SF IW17 SXN
G 1/2	24	39		12					Standard	40SF IW21 SXN