



Breathing Air

Nominal Diameter

**7,4** = 43 mm<sup>2</sup>

RECTUS Series

**96KS**



90% of actual size



**Technical Description**

The 96KS coupling system has a safety lock. To disconnect, the plug must first be pushed further into the coupling before it can be unlocked. This prevents unintentional disconnection.

**Dust Caps (P. 331)**

for coupling Part.-No. SK23S  
for plug Part.-No. SK12S

**Advantages**

Disconnecting the safety coupling is only possible after the plug has first been pushed further into the coupling. Single handed operation with a multitude of connecting possibilities. High flow rates due to the UltraFlo valve. Tested according to EN 139 standard.

**Working Temperature\***

-20°C up to +100°C (NBR)  
-40°C up to +120/150°C (EPDM)  
-15°C up to +200°C (FKM)  
0°C up to +316°C (FFKM)  
depending on the medium.

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

**Working Pressure**

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

**Material**

**Coupling**

Back Body  
Valve Body  
Sleeve  
Valve  
  
Spring and Locking Ring  
Locking Balls  
Seals  
Distance Sleeve  
Spring Plate

**Standard**

Brass, Nickel Plated  
Brass, Nickel Plated  
Brass, Nickel Plated  
Zinc Diecasting, Nickel Plated  
AISI 301  
AISI 420  
NB  
Brass  
Brass

**AISI 303**

AISI 303  
AISI 303  
AISI 303  
AISI 303  
AISI 301  
AISI 316  
FKM  
AISI 303  
AISI 303

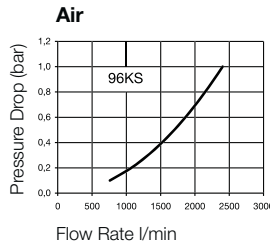
**Plug**

Plug

Brass, Nickel Plated

AISI 303

**Chart**



**Couplings**

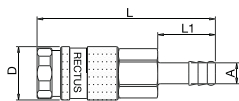
**RECTUS Series 96KS**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW	B mm	G mm	Version	Part Number	
<p>Male Thread</p>	R 1/4	19	65	23	12					Standard	96KS AK13 BPN	
	R 3/8	19	64	23	12					Standard	96KS AK17 BPN	
	G 3/8	19	62	23	9					AISI 303	96KS AW17 RVX	
	R 1/2	22	66	23	17					Standard	96KS AK21 BPN	
<p>Female Thread</p>	G 1/4	19	60	23	10					Standard	96KS IW13 BPN	
	G 3/8	19	59	23	9					Standard	96KS IW17 BPN	

## Couplings

## RECTUS Series 96KS

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW	B mm	G mm	Version	Part Number
6 mm	19	78	23	25					Standard	96KS TF06 BPN
7 mm	20	77	23	22					Standard	96KS TF07 BPN
9 mm	19	78	23	25					Standard	96KS TF09 BPN
10 mm	19	78	23	25					Standard	96KS TF10 BPN
13 mm	19	78	23	25					Standard	96KS TF13 BPN

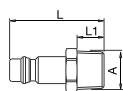


Hose Barb

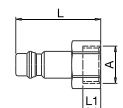
## Plugs

## RECTUS Series 96KS

Connection A	Hex mm	L mm	D mm	L1 mm	L2 mm	Hex1 mm	B mm	G mm	Version	Part Number
R 1/4	14	42		12					Standard	96SS AK13 MXN
R 3/8	17	42		12					Standard	96SS AK17 MXN
G 3/8	19	38		9					AISI 303	96SS AW17 RXX
G 1/4	17	38		10					Standard	96SS IW13 MXN
G 3/8	19	38		10					Standard	96SS IW17 MXN



Male Thread

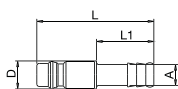


Female Thread

## Plugs

## RECTUS Series 96KS

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW	B mm	G mm	Version	Part Number
6 mm		51	12	25					Standard	96SS TF06 MXN
9 mm		51	12	25					Standard	96SS TF09 MXN
13 mm		53	12	25					Standard	96SS TF13 MXN



Hose Barb

⚠ Please consider our security advices on the pages 12/13 ⚠