



Self-Venting System

Nominal Diameter

# 5,5

 = 25 mm<sup>2</sup>

RECTUS Series



# 14KE

90% of actual size



### Technical Description

The connection is made the same way as with all other quick connect coupling series, by simply pushing the plug into the coupling. The audible latching when the plug is securely in place signifies that the coupling is locked. The sleeve must be pulled back to release the first locking system before it can be disconnected.

This closes the coupling valve. The compressed downstream air can now escape from the plug (hose). Pulling the sleeve back a second time releases the second locking system. The connection can now be safely undone. This self-venting coupling, designed for bleeding off trapped air, is not suitable for direct connection to compressed air tools.

### Advantages

The system fulfils the requirements of ISO 4414.

- increased safety standards in the work place
- the plastic sleeve does not scratch working surfaces

### Caution

Not recommended for direct connection to compressed air tools. Reliable functioning can only be guaranteed in conjunction with original RECTUS plugs made of steel.

### Working Pressure

PB = 12 bar, maximum static working pressure with safety factor of 4 to 1.

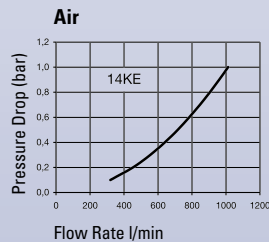
### Working Temperature

-20°C up to +60°C (NBR) depending on the medium.

You will find the following alternative versions in our current catalogue on page:

► Brass/Steel Single Shut-off P. 44

### Chart



### Material

#### Coupling

Back Body  
Valve Body  
Sleeve  
Valve  
Spring  
Locking Balls  
Seals  
Pins

### Standard

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

### Plug

Steel Hardened, Nickel Plated

## Couplings

## RECTUS Series 14KE

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	H mm	B mm	G mm	Version	Part Number	DS
<p><b>Male Thread</b></p>	R 1/4	22	58	31	9					Standard	14KE AK13 MPN	■
	R 3/8	22	58	31	9					Standard	14KE AK17 MPN	■
	R 1/2	24	63	31	12					Standard	14KE AK21 MPN	■
<p><b>Female Thread</b></p>	G 1/4	22		31	9					Standard	14KE IW13 MPN	■
	G 3/8	22		31	9					Standard	14KE IW17 MPN	■
	G 1/2	24		31	12					Standard	14KE IW21 MPN	■

DS = Delivery Status:

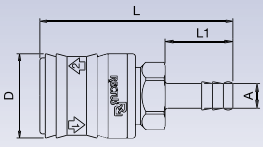
■ in stock

□ on short call

□ medium term delivery

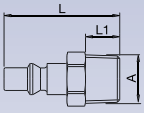
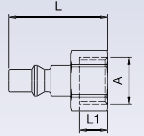
# Couplings

# RECTUS Series 14KE

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	H mm	B mm	G mm	Version	Part Number	DS
 <p>Hose Barb</p>	6 mm	22		31	25					Standard	14KE TF06 MPN	■
	8 mm	22		31	25					Standard	14KE TF08 MPN	■
	9 mm	22		31	25					Standard	14KE TF09 MPN	■
	10 mm	22		31	25					Standard	14KE TF10 MPN	■
	13 mm	22		31	25					Standard	14KE TF13 MPN	■

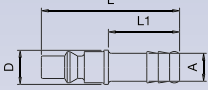
# Plugs

# RECTUS Series 22SF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	H mm	B mm	G mm	Version	Part Number	DS
 <p>Male Thread</p>	R 1/8	12	35		9					Standard	22SF AK10 SXN	■
	R 1/4	14	41		12					Standard	22SF AK13 SXN	■
	R 3/8	17	41		12					Standard	22SF AK17 SXN	■
	R 1/2	22	46		17					Standard	22SF AK21 SXN	■
 <p>Female Thread</p>	G 1/4	17	35		9					Standard	22SF IW13 SXN	■
	G 3/8	19	35		10					Standard	22SF IW17 SXN	■
	G 1/2	24	38		12					Standard	22SF IW21 SXN	■

# Valved Plugs

# RECTUS Series 22SF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	H mm	B mm	G mm	Version	Part Number	DS
 <p>Hose Barb</p>	6 mm		49	12	25					Standard	22SF TF06 SXN	■
	8 mm		49	12	25					Standard	22SF TF08 SXN	■
	9 mm		49	12	25					Standard	22SF TF09 SXN	■
	10 mm		49	12	25					Standard	22SF TF10 SXN	■
	13 mm		49	12	25					Standard	22SF TF13 SXN	■

DS = Delivery Status:

■ in stock

□ on short call

□ medium term delivery