



Self-Venting System

Nominal Diameter

**5,5** = 25 mm<sup>2</sup>

RECTUS Series

**24KE**


85% of actual size



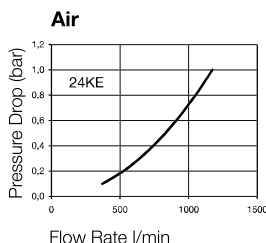
You will find the following alternative versions in our current catalogue on page:

► Brass/Steel Single Shut-off P. 58

### Technical Description

The connection is made the same way as with all other quick connect coupling series, by simply pushing the plug in 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.

### Chart



### 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.

### Material

#### Coupling

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

### Plug

### 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.

### Standard

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

Steel Hardened, Nickel Plated

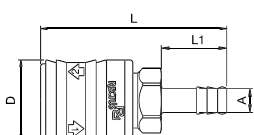
## Couplings

## RECTUS Series 24KE

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	H mm	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	22	58	31	9					Standard	24KE AK13 MPN
	R 3/8	22	58	31	9					Standard	24KE AK17 MPN
	R 1/2	24	63	31	12					Standard	24KE AK21 MPN
 Female Thread	G 1/4	22	57	31	9					Standard	24KE IW13 MPN
	G 3/8	22	57	31	9					Standard	24KE IW17 MPN

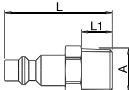
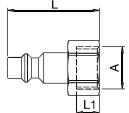
## Couplings

## RECTUS Series 24KE

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	H mm	B mm	G mm	Version	Part Number	
 <p>Hose Barb</p>	6 mm	22	71	31	25					Standard	24KE TF06 MPN	
	8 mm	22	71	31	25					Standard	24KE TF08 MPN	
	9 mm	22	71	31	25					Standard	24KE TF09 MPN	
	10 mm	22	71	31	25					Standard	24KE TF10 MPN	
	13 mm	22	71	31	25					Standard	24KE TF13 MPN	

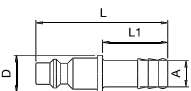
## Plugs

## RECTUS Series 23SF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	H mm	B mm	G mm	Version	Part Number	
 <p>Male Thread</p>	R 1/8	13	39		9					Standard	23SF AK10 SXN	
	R 1/4	14	42		12					Standard	23SF AK13 SXN	
	R 3/8	17	42		12					Standard	23SF AK17 SXN	
	R 1/2	22	48		17					Standard	23SF AK21 SXN	
 <p>Female Thread</p>	G 1/8	14	36		9					Standard	23SF IW10 SXN	
	G 1/4	17	36		9					Standard	23SF IW13 SXN	
	G 3/8	19	36		9					Standard	23SF IW17 SXN	
	G 1/2	24	36		12					Standard	23SF IW21 SXN	

## Plugs

## RECTUS Series 23SF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	H mm	B mm	G mm	Version	Part Number	
 <p>Hose Barb</p>	6 mm		51	14	25					Standard	23SF TF06 SXN	
	8 mm		51	14	25					Standard	23SF TF08 SXN	
	9 mm		51	14	25					Standard	23SF TF09 SXN	
	10 mm		51	14	25					Standard	23SF TF10 SXN	
	13 mm		51	14	25					Standard	23SF TF13 SXN	

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