



Self-Venting System

Nominal Diameter

7,8 = 48 mm<sup>2</sup>

RECTUS Series

25KE



85% of actual size



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

- ▶ Safety Single Shut-off P. 270
- ▶ Safety Double Shut-off P. 278
- ▶ Coded Systems P. 303
- ▶ Brass/Steel P. 73
- ▶ Stainless Steel P. 192

**Technical Description**

The 25KE series is a safety coupling with a self venting-system. When the sleeve is pulled back the plug is released, however, it still remains locked to the coupling. The coupling's valve closes while the downstream air supply line is vented simultaneously. Afterward it can be disconnected without any danger by pulling the sleeve back a second time to completely release the plug from the coupling.

**Advantages**

Connected in the same manner as all standard couplings – single hand operation. The venting takes place without any danger to the operators during the dis-connecting process – no danger of being hit by a whipping hose that is still pressurized. The system fulfils the requirements stipulated in ISO 4414 for increased safety standards in the working place.

**Working Pressure**

PB = 8 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.

**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**

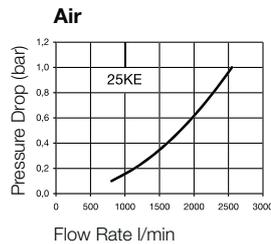
Back Body  
Valve Body  
Sleeve  
Valve  
Spring  
Locking Balls  
Seals  
Pins

**Standard**

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

**Plug**

Steel Hardened, Zinc Plated

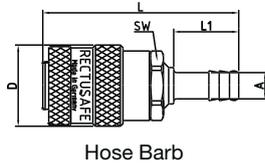
**Chart****Couplings****RECTUS Series 25KE**

	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 1/4	24	62	30	12					Standard	25KE AK13 BPN
	R 3/8	24	62	30	12					Standard	25KE AK17 BPN
	R 1/2	24	67	30	17					Standard	25KE AK21 BPN
<p>Female Thread</p>	G 1/4	24	59	30	10					Standard	25KE IW13 BPN
	G 3/8	24	56	30	9					Standard	25KE IW17 BPN
	G 1/2	24	61	30	12					Standard	25KE IW21 BPN

## Couplings

## RECTUS Series 25KE

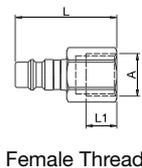
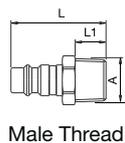
Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	H mm	B mm	G mm	Version	Part Number
6 mm	24	76	30	25					Standard	25KE TF06 BPN
8 mm	24	76	30	25					Standard	25KE TF08 BPN
9 mm	24	76	30	25					Standard	25KE TF09 BPN
10 mm	24	76	30	25					Standard	25KE TF10 BPN
13 mm	24	76	30	25					Standard	25KE TF13 BPN



## Plugs

## RECTUS Series 25KE

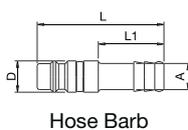
Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	H mm	B mm	G mm	Version	Part Number
R 1/8	13	33		9					Standard	25SF AK10 SXZ
R 1/4	14	37		12					Standard	25SF AK13 SXZ
R 3/8	17	37		12					Standard	25SF AK17 SXZ
R 1/2	22	43		17					Standard	25SF AK21 SXZ
G 1/8	14	30		7					Standard	25SF IW10 SXZ
G 1/4	17	38,5		9					Standard	25SF IW13 SXZ
G 3/8	19	39,5		9					Standard	25SF IW17 SXZ
G 1/2	24	44		12					Standard	25SF IW21 SXZ



## Plugs

## RECTUS Series 25KE

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	H mm	B mm	G mm	Version	Part Number
6 mm		48	12	25					Standard	25SF TF06 SXZ
8 mm		48	12	25					Standard	25SF TF08 SXZ
9 mm		48	12	25					Standard	25SF TF09 SXZ
10 mm		48	12	25					Standard	25SF TF10 SXZ
13 mm		48	12	25					Standard	25SF TF13 SXZ



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