



Nominal Diameter

11 = 95 mm<sup>2</sup>

RECTUS Series

37KE



70% of actual size



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

► Brass/Steel

S. 109

**Technical Description**

The 37KE series is a single shut-off one-hand operating self-venting coupling. The large nominal diameter makes the 37KE especially suited to mains and supply pipes. Coupling is achieved in the same way as with all series couplings – simply by pushing the plug into the coupling. When uncoupling, the first lock is released by pulling the sleeve forward in the direction of the plug. This allows the compressed air to escape from the plug. The second locking system is released by pushing the sleeve back – it is only now, that the plug can be taken out safely.

**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.

**Material**

**Coupling**

- Brass Body
- Valve Body
- Sleeve
- Valve
- Spring
- Locking Balls
- Seals
- Pins

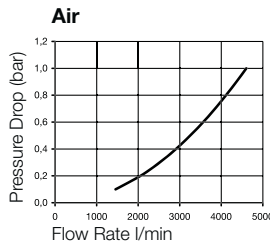
**Standard**

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

**Plug**

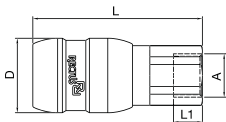
Steel Zinc Plated, Thick Layer Passivation, Yellow Colored

**Chart**



**Couplings**

**RECTUS Series 37KE**

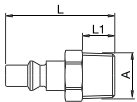
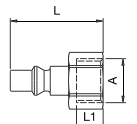


Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	H mm	B mm	G mm	Version	Part Number
G1/2	30	93	43	14					Standard	37KE IW21 MPNS_01
G 3/4	32	95	43	16					Standard	37KE IW26 MPNS_01

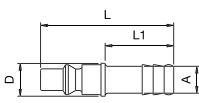
## Plugs

## RECTUS Series 37KE

	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 3/8	17	53	12						Standard	37SF AK17 SXG
	R 1/2	22	60	17						Standard	37SF AK21 SXG
	R 3/4	27	61	19						Standard	37SF AK26 SXG
 <p>Female Thread</p>	G 3/8	19	47	8						Standard	37SF IW17 SXG
	G 1/2	24	50	10						Standard	37SF IW21 SXG
	G 3/4	32	57	14						Standard	37SF IW26 SXG

## Plugs

## RECTUS Series 37KE

	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>	10 mm		62	17	25					Standard	37SF TF10 SXG
	13 mm		62	17	25					Standard	37SF TF13 SXG
	19 mm		72	21	35					Standard	37SF TF19 SXG

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