



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

RECTUS Series  
**23KE**



85% of actual size



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

► Brass/Steel Single Shut-off P. 52

**Technical Description**

The 23KE 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 disconnecting 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. Interchangeable with Rectus Series 24.

**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 and Locking Ring
- Locking Balls
- Seals
- Pins

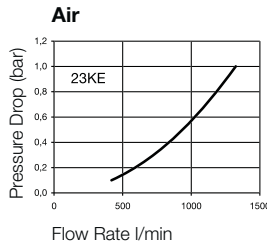
**Standard**

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

**Plug**

Steel Hardened, Nickel Plated

**Chart**



**Couplings**

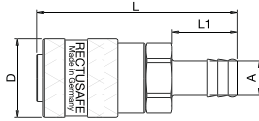
**RECTUS Series 23KE**

|                      | 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     | 65   | 30   | 12    |       |      |      |      | Standard | 23KE AK13 BPN |
|                      | R 3/8        | 25     | 65   | 30   | 12    |       |      |      |      | Standard | 23KE AK17 BPN |
|                      | R 1/2        | 24     | 69   | 30   | 17    |       |      |      |      | Standard | 23KE AK21 BPN |
| <p>Female Thread</p> | G 1/4        | 24     | 61   | 30   | 10    |       |      |      |      | Standard | 23KE IW13 BPN |
|                      | G 3/8        | 24     | 58   | 30   | 9     |       |      |      |      | Standard | 23KE IW17 BPN |
|                      | G 1/2        | 24     | 63   | 30   | 10    |       |      |      |      | Standard | 23KE IW21 BPN |

## Couplings

## RECTUS Series 23KE

| Connection A | Hex SW | L mm | D mm | L1 mm | L2 mm | H mm | B mm | G mm | Version  | Part Number   |
|--------------|--------|------|------|-------|-------|------|------|------|----------|---------------|
|              |        |      |      |       |       |      |      |      |          |               |
| 6 mm         | 24     | 79   | 30   | 25    |       |      |      |      | Standard | 23KE TF06 BPN |
| 8 mm         | 24     | 79   | 30   | 25    |       |      |      |      | Standard | 23KE TF08 BPN |
| 10 mm        | 24     | 79   | 30   | 25    |       |      |      |      | Standard | 23KE TF10 BPN |
| 13 mm        | 24     | 79   | 30   | 25    |       |      |      |      | Standard | 23KE TF13 BPN |

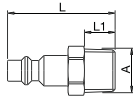


Hose Barb

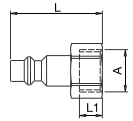
## Plugs

## RECTUS Series 23KE

| 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     | 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 |
| 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 |



Male Thread

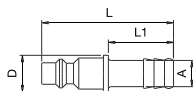


Female Thread

## Plugs

## RECTUS Series 23KE

| Cononction A | Hex SW | L mm | D mm | L1 mm | L2 mm | H mm | B mm | G mm | Version  | Part Number   |
|--------------|--------|------|------|-------|-------|------|------|------|----------|---------------|
|              |        |      |      |       |       |      |      |      |          |               |
| 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 |



Hose Barb

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