

Brass/Steel

Nominal Diameter

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



Rectus Series

**14**

Low Pressure



#### Other designs in series 14

The following other designs can be found from page:

➤ Safety Self-Venting

P. 222

Robust brass coupling with numerous connection options. Preferred application is the compressed air technology. Also particularly suited to use with water due to the brass valve.

Coupling system with single-hand operation. Plug design optimised through greater insert depth.

Series 14 in brass material with nickel plating and with additional end connections available on request.

#### Working Temperature\*

-20°C up to +100°C (NBR)  
depending on the medium.

\* For temperatures below -20°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.



#### Working Pressure\*\*

35 bar

\*\* maximum static working pressure with design factor 4 to 1.

#### Material

**Coupling:** Brass

**Plug:** Steel nickel plated or Brass

**Seals:** NBR

#### Technical Description

Connecting Force 0 bar: 30 N

Connecting Force 6 bar: 70 N

Vacuum Coupling: 96%

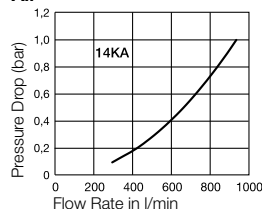
Vacuum connected: 96%

#### Interchangeability (KA only)

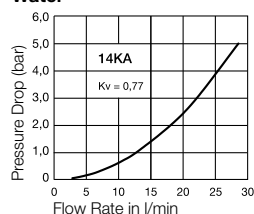
- Rectus 22
- ARO 210
- Cejin 300
- Orion 44510
- JWV 552 + JWV 532
- various Swiss Products

#### Flow diagrams

##### Air



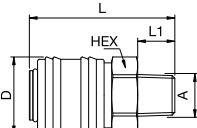
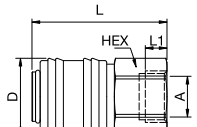
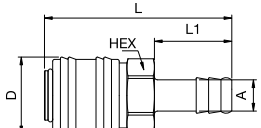
##### Water





## Couplings – with valve

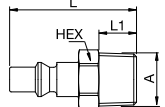
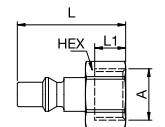
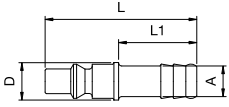
## Series 14KA

|                                                                                                    | Connection<br>A | HEX<br>mm | L<br>mm | L1<br>mm | D<br>mm | Version | Part Number |
|----------------------------------------------------------------------------------------------------|-----------------|-----------|---------|----------|---------|---------|-------------|
| <br>Male Thread   | G 1/4           | 22        | 43      | 9        | 25      |         | 14KAAW13MPX |
|                                                                                                    | G 3/8           | 22        | 43      | 9        | 25      |         | 14KAAW17MPX |
|                                                                                                    | G 1/2           | 22        | 46      | 12       | 25      |         | 14KAAW21MPX |
|                                                                                                    |                 |           |         |          |         |         |             |
| <br>Female Thread | G 1/4           | 22        | 43      | 9        | 25      |         | 14KAIW13MPX |
|                                                                                                    | G 3/8           | 22        | 43      | 9        | 25      |         | 14KAIW17MPX |
|                                                                                                    | G 1/2           | 24        | 46      | 12       | 25      |         | 14KAIW21MPX |
|                                                                                                    |                 |           |         |          |         |         |             |
| <br>Hose Barb     | 6 mm            | 21        | 60      | 25       | 25      |         | 14KATF06MPX |
|                                                                                                    | 8 mm            | 21        | 60      | 25       | 25      |         | 14KATF08MPX |
|                                                                                                    | 9 mm            | 21        | 60      | 25       | 25      |         | 14KATF09MPX |
|                                                                                                    | 10 mm           | 21        | 60      | 25       | 25      |         | 14KATF10MPX |
|                                                                                                    | 13 mm           | 21        | 60      | 25       | 25      |         | 14KATF13MPX |



## Plugs – without valve

## Series 22SF

|                                                                                                      | Connection<br>A | HEX<br>mm | L<br>mm | L1<br>mm | D<br>mm | Version | Part Number |
|------------------------------------------------------------------------------------------------------|-----------------|-----------|---------|----------|---------|---------|-------------|
| <br>Male Thread   | R 1/8           | 12        | 35      | 9        |         | Steel   | 22SFAK10SXN |
|                                                                                                      | R 1/4           | 14        | 41      | 12       |         | Steel   | 22SFAK13SXN |
|                                                                                                      | R 1/4           | 14        | 41      | 12       |         | Brass   | 22SFAK13MXX |
|                                                                                                      | G 1/4           | 14        | 41      | 12       |         | Brass   | 22SFAW13MXX |
|                                                                                                      | R 3/8           | 17        | 41      | 12       |         | Steel   | 22SFAK17SXN |
|                                                                                                      | G 3/8           | 17        | 41      | 12       |         | Brass   | 22SFAW17MXX |
|                                                                                                      | R 1/2           | 22        | 46      | 17       |         | Steel   | 22SFAK21SXN |
|                                                                                                      | G 1/2           | 22        | 46      | 17       |         | Brass   | 22SFAW21MXX |
| <br>Female Thread | G 1/4           | 17        | 35      | 9        |         | Steel   | 22SFIW13SXN |
|                                                                                                      | G 1/4           | 17        | 35      | 9        |         | Brass   | 22SFIW13MXX |
|                                                                                                      | G 3/8           | 19        | 35      | 10       |         | Steel   | 22SFIW17SXN |
|                                                                                                      | G 1/2           | 24        | 35      | 12       |         | Steel   | 22SFIW21SXN |
|                                                                                                      |                 |           |         |          |         |         |             |
| <br>Hose Barb     | 6 mm            |           | 49      | 25       | 12      | Steel   | 22SFTF06SXN |
|                                                                                                      | 6 mm            |           | 49      | 25       | 12      | Brass   | 22SFTF06MXX |
|                                                                                                      | 8 mm            |           | 49      | 25       | 12      | Steel   | 22SFTF08SXN |
|                                                                                                      | 10 mm           |           | 49      | 25       | 12      | Steel   | 22SFTF10SXN |
|                                                                                                      | 10 mm           |           | 49      | 25       | 12      | Brass   | 22SFTF10MXX |
|                                                                                                      | 13 mm           |           | 49      | 25       | 15      | Steel   | 22SFTF13SXN |

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

Brass/Steel

Low Pressure