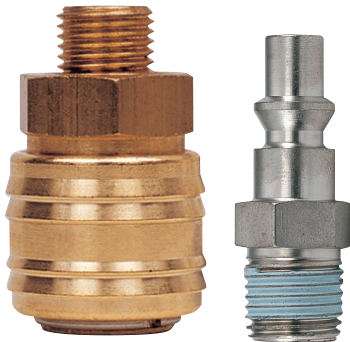


# RECTUS SERIES 14KA



## Brass/Steel Low Pressure Quick Release Couplings, Nominal Diameter 5.5 = 25mm<sup>2</sup>

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 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

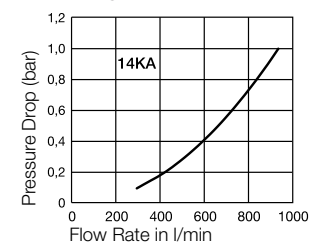
### Technical Description:

- Connecting Force 0 bar: 30 N
- Connecting Force 6 bar: 70 N
- Vacuum coupling: 96%
- Vacuum connected: 96%

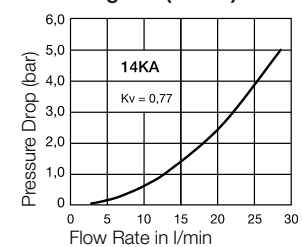
### Interchangeability:

- Rectus 22
- ARO 210
- Orion 44510
- JWL 552 + JWL 532
- Various Swiss products

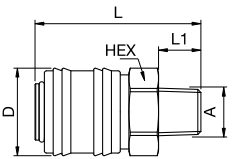
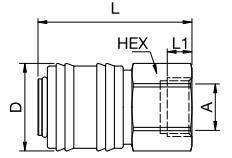
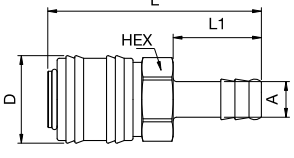
### Flow Diagram (Air)



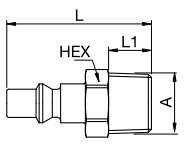
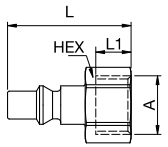
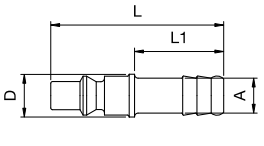
### Flow Diagram (Water)



## Couplings, with Valve

	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
 <p>Male Thread</p>	G 1/4	22	43	9	25		14KAAW13MPX
	G 3/8	22	43	9	25		14KAAW17MPX
	G 1/2	22	46	12	25		14KAAW21MPX
 <p>Female Thread</p>	G 1/4	22	43	9	25		14KAIW13MPX
	G 3/8	22	43	9	25		14KAIW17MPX
	G 1/2	24	46	12	25		14KAIW21MPX
 <p>Hose Barb</p>	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

	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
 <p>Male Thread</p>	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
 <p>Female Thread</p>	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
 <p>Hose Barb</p>	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