

## Nominal Diameter

**5** = 20 mm<sup>2</sup>


## Rectus Series

**21**

**Other designs in series 21**

The following other designs can be found from page:

- |                   |        |
|-------------------|--------|
| ➤ Brass / Steel   | P. 26  |
| ➤ Stainless Steel | P. 140 |
| ➤ Thermoplastic   | P. 176 |
| ➤ Safety          | P. 210 |

Coded industrial coupling system developed on the basis of series 21 with above-average flow rate for liquid and gaseous media.

Coupling system with single-hand operation. The mechanical coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling, which is complemented by the color coding of the anodised sleeves.

Double shut-off version 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 or Brass nickel plated

**Plug:** Brass nickel plated

**Seals:** NBR

**Technical Description**

**Connecting Force 0 bar:** 35 N

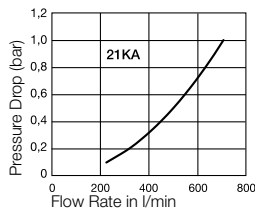
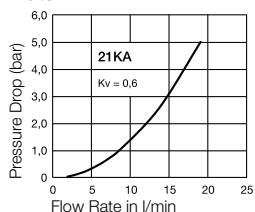
**Connecting Force 6 bar:** 60 N

**Vacuum Coupling:** 96%

**Vacuum connected:** 96%

**Interchangeability (KA only)**

- Rectus Design

**Flow diagrams**
**Air**

**Water**


## Couplings – with valve

## Series 21KA

	Connection A	HEX mm	L mm	L1 mm	L2 mm	D mm	G mm	Version				
									Part Number	Part Number	Part Number	Part Number
<p>Male Thread</p>	G 1/8	14	47	7		16		nickel plated	21KAAW10MPN0	21KAAW10MPN3	21KAAW10MPN6	21KAAW10MPN8
	G 1/4	17	47	9		16		nickel plated	21KAAW13MPN0	21KAAW13MPN3	21KAAW13MPN6	21KAAW13MPN8
<p>Female Thread</p>	G 1/8	14	47	7		16		nickel plated	21KAIW10MPN0	21KAIW10MPN3	21KAIW10MPN6	21KAIW10MPN8
	G 1/4	17	47	9		16		nickel plated	21KAIW13MPN0	21KAIW13MPN3	21KAIW13MPN6	21KAIW13MPN8
<p>Hose Barb</p>	4 mm	14	69	17		16		nickel plated	21KATF04MPN0	21KATF04MPN3	21KATF04MPN6	21KATF04MPN8
	6 mm	14	69	17		16		nickel plated	21KATF06MPN0	21KATF06MPN3	21KATF06MPN6	21KATF06MPN8
<p>with Plastic Hose Connection</p>	4 x 6 mm	14	51	7	6	16	M10x1	nickel plated	21KAKO06MPN0	21KAKO06MPN3	21KAKO06MPN6	21KAKO06MPN8

## Plugs – without valve

## Series 21KA

	Connection A	HEX mm	L mm	L1 mm	L2 mm	D mm	G mm	Version				
									Part Number	Part Number	Part Number	Part Number
<p>Male Thread</p>	G 1/8	17	39,5	7				nickel plated	21SFAW10MXN0	21SFAW10MXN3	21SFAW10MXN6	21SFAW10MXN8
	G 1/4	17	41,5	9				nickel plated	21SFAW13MXN0	21SFAW13MXN3	21SFAW13MXN6	21SFAW13MXN8
<p>Female Thread</p>	G 1/8	17	38,5	5				nickel plated	21SFIW10MXN0	21SFIW10MXN3	21SFIW10MXN6	21SFIW10MXN8
	G 1/4	17	39	7				nickel plated	21SFIW13MXN0	21SFIW13MXN3	21SFIW13MXN6	21SFIW13MXN8
<p>Hose Barb</p>	6 mm		47	17		15		nickel plated	21SFTF06MXN0	21SFTF06MXN3	21SFTF06MXN6	21SFTF06MXN8

Please consider our security advices on the pages 12/13