

## Nominal Diameter

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

TEESING

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## 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 |

## Interchangeability (KA only)

- Rectus Design

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

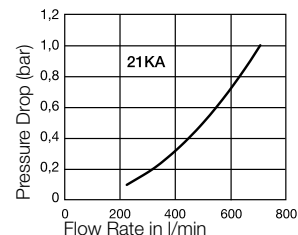
**Connecting Force 6 bar:** 60 N

**Vacuum Coupling:** 96%

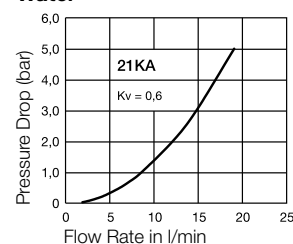
**Vacuum connected:** 96%

## 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
 Male Thread	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
 Female Thread	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
 Hose Barb	4 mm	14	69	17		16		nickel plated	21KATF04MPN0	21KATF04MPN3	21KATF04MPN6	21KATF04MPN8
	6 mm	14	69	17		16		nickel plated	21KATF06MPN0	21KATF06MPN3	21KATF06MPN6	21KATF06MPN8
 with Plastic Hose Connection	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
 Male Thread	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
 Female Thread	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
 Hose Barb	6 mm		47	17		15		nickel plated	21SFTF06MXN0	21SFTF06MXN3	21SFTF06MXN6	21SFTF06MXN8

Nominal Diameter

**7,8** = 48 mm<sup>2</sup>

Rectus Series

**25**

Low Pressure

**Other designs in series 25**

The following other designs can be found from page:

- |                       |        |
|-----------------------|--------|
| ▶ Brass / Steel       | P. 70  |
| ▶ Stainless Steel     | P. 150 |
| ▶ Safety              | P. 214 |
| ▶ Safety Self-Venting | P. 230 |

**Interchangeability (KA only)**

- Rectus Design

Coded industrial coupling system developed on the basis of series 25.

Coupling system with single-hand operation. High Flow valve for optimum flow and low pressure drop. 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 and straight-through couplings are available upon request. Cannot be interconnected with the Rectus standard 25 series.

**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

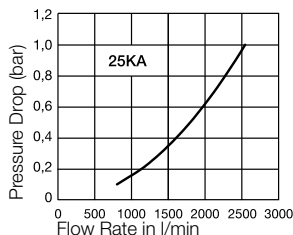
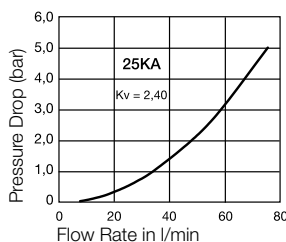
**Plug:** Brass nickel plated

**Seals:** NBR

**Technical Description**

**Connecting Force 0 bar:** 40 N

**Connecting Force 6 bar:** 120 N

**Flow diagrams****Air****Water****TEESING**

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# Couplings – with valve

# Series 25KA

	Connection A	HEX mm	L mm	L1 mm	L2 mm	D mm	G mm	Version				
									Part Number	Part Number	Part Number	Part Number
 Male Thread	G 1/4	19	57,5	12		23		nickel plated	25KAAW13BPN0	25KAAW13BPN3	25KAAW13BPN6	25KAAW13BPN8
	G 3/8	19	57,5	12		23		nickel plated	25KAAW17BPN0	25KAAW17BPN3	25KAAW17BPN6	25KAAW17BPN8
	G 1/2	22	61	17		23		nickel plated	25KAAW21BPN0	25KAAW21BPN3	25KAAW21BPN6	25KAAW21BPN8
 Female Thread	G 1/4	19	55	10		23		nickel plated	25KAIW13BPN0	25KAIW13BPN3	25KAIW13BPN6	25KAIW13BPN8
	G 3/8	19	55	9		23		nickel plated	25KAIW17BPN0	25KAIW17BPN3	25KAIW17BPN6	25KAIW17BPN8
 Hose Barb	9 mm	19	74	25		23		nickel plated	25KATF09BPN0	25KATF09BPN3	25KATF09BPN6	25KATF09BPN8
	13 mm	19	74	25		23		nickel plated	25KATF13BPN0	25KATF13BPN3	25KATF13BPN6	25KATF13BPN8



# Plugs – without valve

# Series 26SF

	Connection A	HEX mm	L mm	L1 mm	L2 mm	D mm	G mm	Version				
									Part Number	Part Number	Part Number	Part Number
 Male Thread	G 1/4	17	36,5	9				nickel plated	26SFAW13MXN0	26SFAW13MXN3	26SFAW13MXN6	26SFAW13MXN8
	G 3/8	19	41,5	12				nickel plated	26SFAW17MXN0	26SFAW17MXN3	26SFAW17MXN6	26SFAW17MXN8
 Female Thread	G 1/4	17	36,5	8				nickel plated	26SFIW13MXN0	26SFIW13MXN3	26SFIW13MXN6	26SFIW13MXN8
 Hose Barb	6 mm		50,5	25		15		nickel plated	26SFTF06MXN0	26SFTF06MXN3	26SFTF06MXN6	26SFTF06MXN8
	9 mm		50,5	25		15		nickel plated	26SFTF09MXN0	26SFTF09MXN3	26SFTF09MXN6	26SFTF09MXN8