

Nominal Diameter

5 = 20 mm²



Rectus Series

21



Other designs in series 21

The following other designs can be found from page:

- | | |
|---------------------------|--------|
| ➤ Brass / Steel | P. 30 |
| ➤ Stainless Steel | P. 192 |
| ➤ Thermoplastic | P. 232 |
| ➤ Medical Technology (MD) | P. 256 |
| ➤ Safety | P. 270 |

Technical Description

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 safety factor 4 to 1.

Material

Coupling: Brass

Plug: Brass or Brass nickel plated

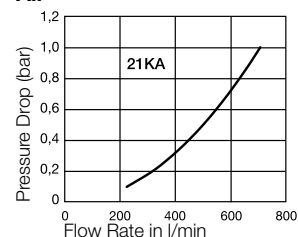
Seals: NBR

Interchangeability

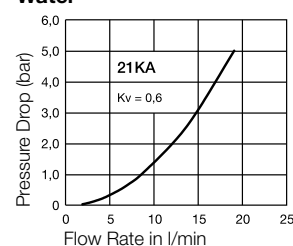
- Rectus Design

Flow diagrams

Air



Water





Couplings – with valve

Series 21KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number	Part Number	Part Number	Part Number
 Male Thread	G 1/8	14		47	7	16				blank	21KAAW10MPX0	21KAAW10MPX3	21KAAW10MPX6	21KAAW10MPX8
	G 1/8	14		47	7	16				nickel plated	21KAAW10MPN0	21KAAW10MPN3	21KAAW10MPN6	21KAAW10MPN8
	G 1/4	17		47	9	16				blank	21KAAW13MPX0	21KAAW13MPX3	21KAAW13MPX6	21KAAW13MPX8
	G 1/4	17		47	9	16				nickel plated	21KAAW13MPN0	21KAAW13MPN3	21KAAW13MPN6	21KAAW13MPN8
 Female Thread	G 1/8	14		47	7	16				blank	21KAIW10MPX0	21KAIW10MPX3	21KAIW10MPX6	21KAIW10MPX8
	G 1/8	14		47	7	16				nickel plated	21KAIW10MPN0	21KAIW10MPN3	21KAIW10MPN6	21KAIW10MPN8
	G 1/4	17		47	9	16				blank	21KAIW13MPX0	21KAIW13MPX3	21KAIW13MPX6	21KAIW13MPX8
	G 1/4	17		47	9	16				nickel plated	21KAIW13MPN0	21KAIW13MPN3	21KAIW13MPN6	21KAIW13MPN8
 Hose Barb	4 mm	14		69	17	16				blank	21KATF04MPX0	21KATF04MPX3	21KATF04MPX6	21KATF04MPX8
	4 mm	14		69	17	16				nickel plated	21KATF04MPN0	21KATF04MPN3	21KATF04MPN6	21KATF04MPN8
	6 mm	14		69	17	16				blank	21KATF06MPX0	21KATF06MPX3	21KATF06MPX6	21KATF06MPX8
	6 mm	14		69	17	16				nickel plated	21KATF06MPN0	21KATF06MPN3	21KATF06MPN6	21KATF06MPN8
	8 mm	14		69	17	16				blank	21KATF08MPX0	21KATF08MPX3	21KATF08MPX6	21KATF08MPX8
	8 mm	14		69	17	16				nickel plated	21KATF08MPN0	21KATF08MPN3	21KATF08MPN6	21KATF08MPN8
	9 mm	14		69	17	16				blank	21KATF09MPX0	21KATF09MPX3	21KATF09MPX6	21KATF09MPX8
 with Plastic Hose Connection	4 x 6 mm	14		51	7	6	16		M10x1	blank	21KAKO06MPX0	21KAKO06MPX3	21KAKO06MPX6	21KAKO06MPX8
	4 x 6 mm	14		51	7	6	16		M10x1	nickel plated	21KAKO06MPN0	21KAKO06MPN3	21KAKO06MPN6	21KAKO06MPN8
	6 x 8 mm	14		51	7	6	16		M12x1	blank	21KAKO08MPX0	21KAKO08MPX3	21KAKO08MPX6	21KAKO08MPX8
	6 x 8 mm	14		51	7	6	16		M12x1	nickel plated	21KAKO08MPN0	21KAKO08MPN3	21KAKO08MPN6	21KAKO08MPN8
 Panel Mount with Hose Barb	4 mm	14	14	69	14	17	16	4	M10x1	blank	21KATS04MPX0	21KATS04MPX3	21KATS04MPX6	21KATS04MPX8
	4 mm	14	14	69	14	17	16	4	M10x1	nickel plated	21KATS04MPN0	21KATS04MPN3	21KATS04MPN6	21KATS04MPN8
	6 mm	14	17	69	14	17	16	4	M12x1	blank	21KATS06MPX0	21KATS06MPX3	21KATS06MPX6	21KATS06MPX8
	6 mm	14	17	69	14	17	16	4	M12x1	nickel plated	21KATS06MPN0	21KATS06MPN3	21KATS06MPN6	21KATS06MPN8
	8 mm	14	17	69	14	17	16	4	M12x1	blank	21KATS08MPX0	21KATS08MPX3	21KATS08MPX6	21KATS08MPX8