

# 5

 = 20 mm<sup>2</sup>


# 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

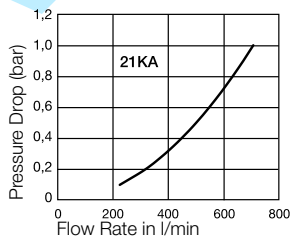
**Seals:** NBR

### Interchangeability

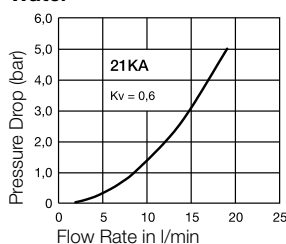
• Rectus Design

### Flow diagrams





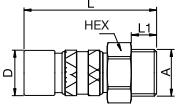
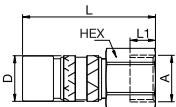
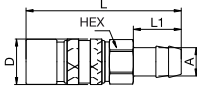
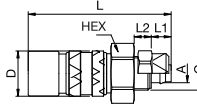
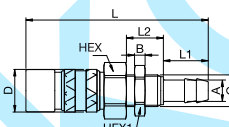
#### Air







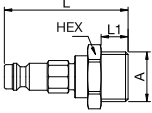
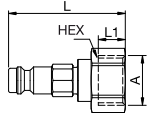
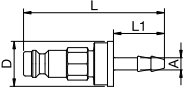
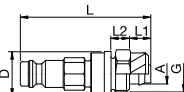
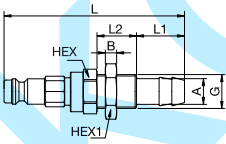
#### Water





	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

# Plugs – without 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	17		39,5	7					blank	21SFAW10MXX0	21SFAW10MXX3	21SFAW10MXX6	21SFAW10MXX8
	G 1/8	17		39,5	7					nickel plated	21SFAW10MXN0	21SFAW10MXN3	21SFAW10MXN6	21SFAW10MXN8
	G 1/4	17		41,5	9					blank	21SFAW13MXX0	21SFAW13MXX3	21SFAW13MXX6	21SFAW13MXX8
	G 1/4	17		41,5	9					nickel plated	21SFAW13MXN0	21SFAW13MXN3	21SFAW13MXN6	21SFAW13MXN8
 Female Thread	G 1/8	17		38,5	5					blank	21SFIW10MXX0	21SFIW10MXX3	21SFIW10MXX6	21SFIW10MXX8
	G 1/8	17		38,5	5					nickel plated	21SFIW10MXN0	21SFIW10MXN3	21SFIW10MXN6	21SFIW10MXN8
	G 1/4	17		39	7					blank	21SFIW13MXX0	21SFIW13MXX3	21SFIW13MXX6	21SFIW13MXX8
	G 1/4	17		39	7					nickel plated	21SFIW13MXN0	21SFIW13MXN3	21SFIW13MXN6	21SFIW13MXN8
 Hose Barb	4 mm			47	17		15			blank	21SFTF04MXX0	21SFTF04MXX3	21SFTF04MXX6	21SFTF04MXX8
	4 mm			47	17		15			nickel plated	21SFTF04MXN0	21SFTF04MXN3	21SFTF04MXN6	21SFTF04MXN8
	6 mm			47	17		15			blank	21SFTF06MXX0	21SFTF06MXX3	21SFTF06MXX6	21SFTF06MXX8
	6 mm			47	17		15			nickel plated	21SFTF06MXN0	21SFTF06MXN3	21SFTF06MXN6	21SFTF06MXN8
 with Plastic Hose Connection	4 x 6 mm			43	7	6	15		M10x1	blank	21SFKO06MXX0	21SFKO06MXX3	21SFKO06MXX6	21SFKO06MXX8
	4 x 6 mm			43	7	6	15		M10x1	nickel plated	21SFKO06MXN0	21SFKO06MXN3	21SFKO06MXN6	21SFKO06MXN8
	6 x 8 mm			43,5	7	6	15		M12x1	blank	21SFKO08MXX0	21SFKO08MXX3	21SFKO08MXX6	21SFKO08MXX8
	6 x 8 mm			43,5	7	6	15		M12x1	nickel plated	21SFKO08MXN0	21SFKO08MXN3	21SFKO08MXN6	21SFKO08MXN8
 Panel Mount with Hose Barb	4 mm	17	14	63	17	14		4	M10x1	blank	21SFTS04MXX0	21SFTS04MXX3	21SFTS04MXX6	21SFTS04MXX8
	4 mm	17	14	63	17	14		4	M10x1	nickel plated	21SFTS04MXN0	21SFTS04MXN3	21SFTS04MXN6	21SFTS04MXN8
	6 mm	17	17	63	17	14		4	M12x1	blank	21SFTS06MXX0	21SFTS06MXX3	21SFTS06MXX6	21SFTS06MXX8
	6 mm	17	17	63	17	14		4	M12x1	nickel plated	21SFTS06MXN0	21SFTS06MXN3	21SFTS06MXN6	21SFTS06MXN8

