

5 = 20 mm²**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

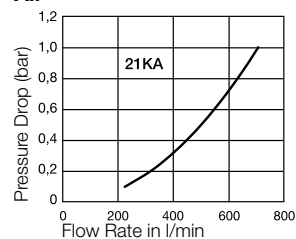
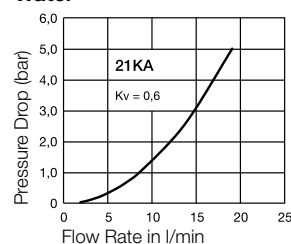
Coupling: Brass

Plug: Brass or Brass nickel plated

Seals: NBR

Interchangeability

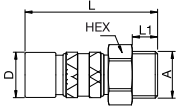
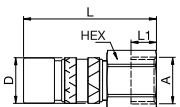
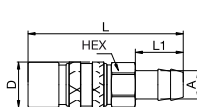
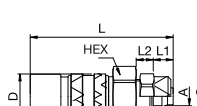
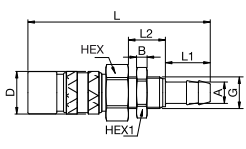
- Rectus Design

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





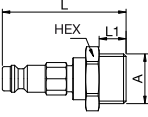
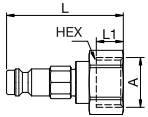
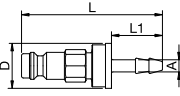
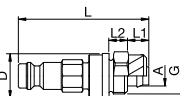
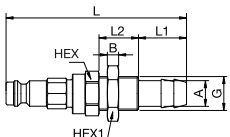


Couplings – with valve

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
 <p>Male Thread</p>	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
 <p>Female Thread</p>	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
 <p>Hose Barb</p>	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
 <p>with Plastic Hose Connection</p>	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
 <p>Panel Mount with Hose Barb</p>	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
 <p>Male Thread</p>	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
 <p>Female Thread</p>	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
 <p>Hose Barb</p>	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
 <p>with Plastic Hose Connection</p>	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
 <p>Panel Mount with Hose Barb</p>	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

