Nominal Diameter

5 = 20 mm²

Rectus Series

21



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.

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

KA Single Shut-Off

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

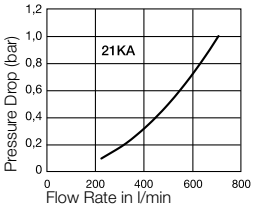
Vacuum Coupling: 96%
Vacuum connected: 96%

Interchangeability (KA only)

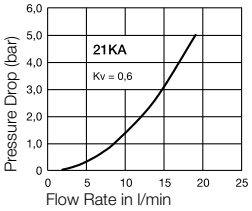
- Rectus Design

Flow diagrams

Air

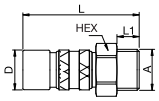
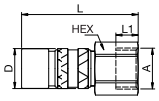
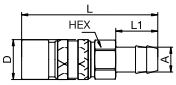
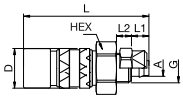


Water

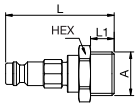
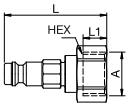
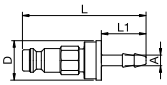


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Couplings – with valve — Series 21KA

	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

⚠ Please consider our security advices on the pages 12/13 ⚠

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