

Nominal Diameter

5 = 20 mm²

Rectus Series

21

Other designs in series 21

The following other designs can be found from page:

- Stainless Steel P. 140
- Thermoplastic P. 176
- Safety P. 210
- Coded Systems P. 234

Interchangeability (KA only)

- Camozzi
- Ewo
- Kani

Mini industrial coupling with the world's most popular profile in this nominal diameter. Above average flow performance for liquid and gaseous media. Coupling system with single-hand operation. Small dimensions and large band width in materials and valve variants.

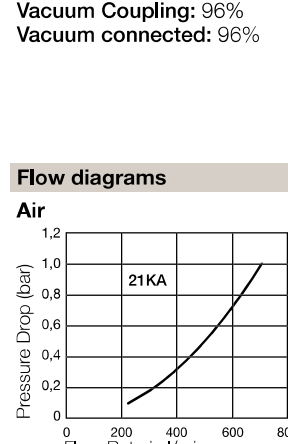
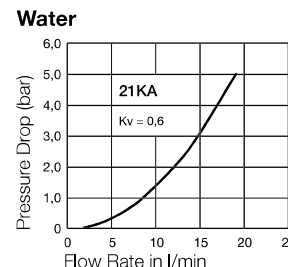
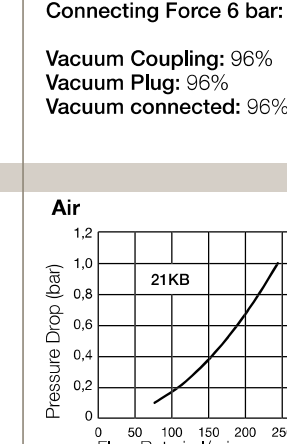
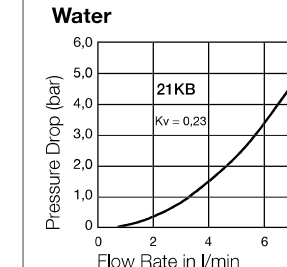
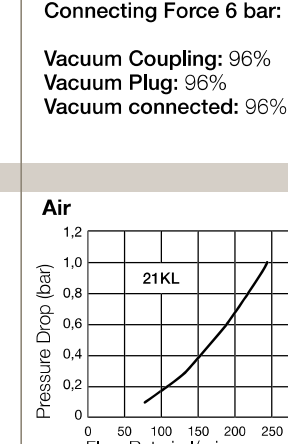
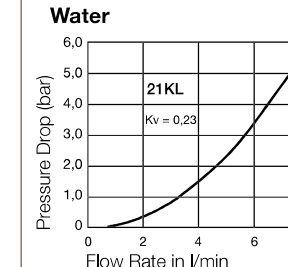
Series 21 with additional end connections available on request.

Dust Protections  (P. 250)
for Coupling Part.-No. SK16S

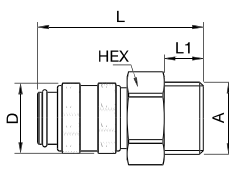
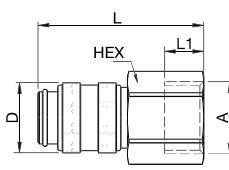
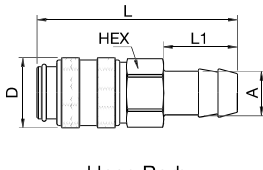
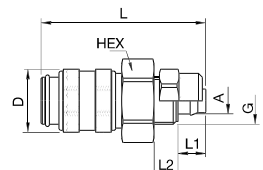
Working Temperature*

-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.

 KA Single Shut-Off	 KB Double Shut-Off	 KL Dry-break
Working Pressure** 35 bar ** maximum static working pressure with design factor 4 to 1.	35 bar	8 bar
Features		• Minimal, almost imperceptible leakage when uncoupling • No air locked into the system during the coupling process
Material Coupling: Brass Plug: Brass Seals: NBR	Coupling: Brass Plug: Brass Seals: NBR	Coupling: Brass Plug: Brass Seals: NBR
Technical Description Connecting Force 0 bar: 35 N Connecting Force 6 bar: 60 N Vacuum Coupling: 96% Vacuum connected: 96%	Dead space volume: 0,6 ml Connecting Force 0 bar: 40 N Connecting Force 6 bar: 80 N Vacuum Coupling: 96% Vacuum Plug: 96% Vacuum connected: 96%	Dead space volume: 0,0006 ml Connecting Force 0 bar: 35 N Connecting Force 6 bar: 60 N Vacuum Coupling: 96% Vacuum Plug: 96% Vacuum connected: 96%
Flow diagrams Air  Water 	Flow diagrams Air  Water 	Flow diagrams Air  Water 

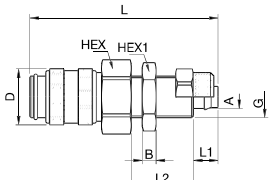
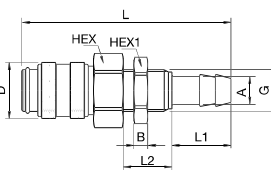
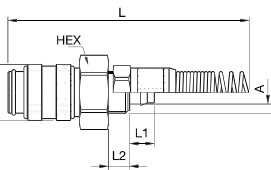


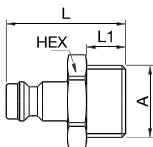
	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	G 1/8	14		36	7		16			blank	21KAAW10MPX
	G 1/8	14		36	7		16			nickel plated	21KAAW10MPN
	G 1/4	17		38	9		16			blank	21KAAW13MPX
	G 1/4	17		38	9		16			nickel plated	21KAAW13MPN
	G 3/8	19		38	9		16			blank	21KAAW17MPX
	G 3/8	19		38	9		16			nickel plated	21KAAW17MPN
	M 12 x 1,5	17		39	10		16			blank	21KAAD12MPX
	M 12 x 1,5	17		39	10		16			nickel plated	21KAAD12MPN
	M 14 x 1,5	17		39	10		16			blank	21KAAD14MPX
	M 14 x 1,5	17		39	10		16			nickel plated	21KAAD14MPN
 Female Thread	G 1/8	14		36	9		16			blank	21KAIW10MPX
	G 1/8	14		36	9		16			nickel plated	21KAIW10MPN
	G 1/4	17		38	9		16			blank	21KAIW13MPX
	G 1/4	17		38	9		16			nickel plated	21KAIW13MPN
	G 3/8	19		38	9		16			blank	21KAIW17MPX
	G 3/8	19		38	9		16			nickel plated	21KAIW17MPN
	M 12 x 1,5	17		38	6		16			blank	21KAIM12MPX
	M 12 x 1,5	17		38	6		16			nickel plated	21KAIM12MPN
	M 14 x 1,5	17		38	6		16			blank	21KAIM14MPX
	M 14 x 1,5	17		38	6		16			nickel plated	21KAIM14MPN
 Hose Barb	4 mm	14		46	17		16			blank	21KATF04MPX
	4 mm	14		46	17		16			nickel plated	21KATF04MPN
	6 mm	14		46	17		16			blank	21KATF06MPX
	6 mm	14		46	17		16			nickel plated	21KATF06MPN
	8 mm	14		46	17		16			blank	21KATF08MPX
	8 mm	14		46	17		16			nickel plated	21KATF08MPN
	9 mm	14		46	17		16			blank	21KATF09MPX
	9 mm	14		46	17		16			nickel plated	21KATF09MPN
	10 mm	14		46	17		16			blank	21KATF10MPX
	10 mm	14		46	17		16			nickel plated	21KATF10MPN
 with Plastic Hose Connection	4 x 6 mm	14		42	7	6	16		M 10 x 1	blank	21KAKO06MPX
	4 x 6 mm	14		42	7	6	16		M 10 x 1	nickel plated	21KAKO06MPN
	6 x 8 mm	14		42	7	6	16		M 12 x 1	blank	21KAKO08MPX
	6 x 8 mm	14		42	7	6	16		M 12 x 1	nickel plated	21KAKO08MPN



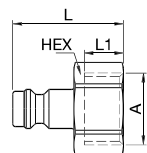
Couplings – with valve

Series 21KA

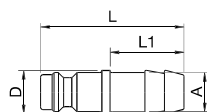
	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Panel Mount with Plastic Hose Connection	4 x 6 mm	14	12	54	7	18	16	3	M 10 x 1	blank	21KAKS06MPX
	4 x 6 mm	14	12	54	7	18	16	3	M 10 x 1	nickel plated	21KAKS06MPN
	6 x 8 mm	17	17	54	7	18	16	4	M 12 x 1	blank	21KAKS08MPX
	6 x 8 mm	17	17	54	7	18	16	4	M 12 x 1	nickel plated	21KAKS08MPN
 Panel Mount with Hose Barb	4 mm	12	12	60	17	14	16	4	M 10 x 1	blank	21KATS04MPX
	4 mm	12	12	60	17	14	16	4	M 10 x 1	nickel plated	21KATS04MPN
	5 mm	17	17	60	17	14	16	4	M 12 x 1	blank	21KATS05MPX
	5 mm	17	17	60	17	14	16	4	M 12 x 1	nickel plated	21KATS05MPN
	6 mm	17	17	60	17	14	16	4	M 12 x 1	blank	21KATS06MPX
	6 mm	17	17	60	17	14	16	4	M 12 x 1	nickel plated	21KATS06MPN
	8 mm	17	17	60	17	14	16	4	M 12 x 1	blank	21KATS08MPX
	8 mm	17	17	60	17	14	16	4	M 12 x 1	nickel plated	21KATS08MPN
	9 mm	17	19	60	17	14	16	4	M 14 x 1	blank	21KATS09MPX
	9 mm	17	19	60	17	14	16	4	M 14 x 1	nickel plated	21KATS09MPN
	10 mm	17	19	60	17	14	16	4	M 14 x 1	blank	21KATS10MPX
	10 mm	17	19	60	17	14	16	4	M 14 x 1	nickel plated	21KATS10MPN
 Plastic Hose Connection with Spring Guard	4 x 6 mm	14		125	7	6	16		M 10 x 1	blank	21KAKK06MPX
	4 x 6 mm	14		125	7	6	16		M 10 x 1	nickel plated	21KAKK06MPN
	6 x 8 mm	14		130	7	6	16		M 10 x 1	blank	21KAKK08MPX
	6 x 8 mm	14		130	7	6	16		M 10 x 1	nickel plated	21KAKK08MPN



Male Thread



Female Thread



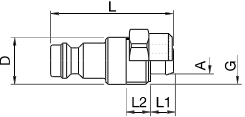
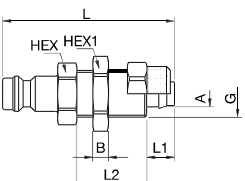
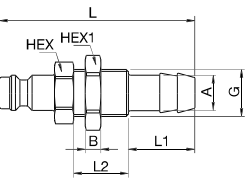
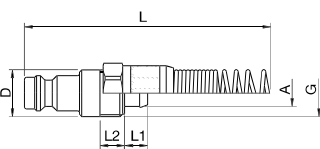
Hose Barb

Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
G 1/8	14		25	7					blank	21SFAW10MXX
G 1/8	14		25	7					nickel plated	21SFAW10MXN
G 1/4	17		28	9					blank	21SFAW13MXX
G 1/4	17		28	9					nickel plated	21SFAW13MXN
G 3/8	19		28	9					blank	21SFAW17MXX
G 3/8	19		28	9					nickel plated	21SFAW17MXN
M 10 x 1	14		26	8					blank	21SFAD10MXX
M 10 x 1	14		26	8					nickel plated	21SFAD10MXN
M 12 x 1,5	17		28	10					blank	21SFAD12MXX
M 12 x 1,5	17		28	10					nickel plated	21SFAD12MXN
G 1/8	14		25	8					blank	21SFIW10MXX
G 1/8	14		25	8					nickel plated	21SFIW10MXN
G 1/4	17		25	9					blank	21SFIW13MXX
G 1/4	17		25	9					nickel plated	21SFIW13MXN
G 3/8	19		26	9					blank	21SFIW17MXX
G 3/8	19		26	9					nickel plated	21SFIW17MXN
M 10 x 1	14		26	9					blank	21SFIM10MXX
M 10 x 1	14		26	9					nickel plated	21SFIM10MXN
M 12 x 1,5	17		27	10					blank	21SFIM12MXX
M 12 x 1,5	17		27	10					nickel plated	21SFIM12MXN
M 14 x 1,5	17		27	10					blank	21SFIM14MXX
M 14 x 1,5	17		27	10					nickel plated	21SFIM14MXN
4 mm			32	17		9			blank	21SFTF04MXX
4 mm			32	17		9			nickel plated	21SFTF04MXN
5 mm			32	17		9			blank	21SFTF05MXX
5 mm			32	17		9			nickel plated	21SFTF05MXN
6 mm			32	17		9			blank	21SFTF06MXX
6 mm			32	17		9			nickel plated	21SFTF06MXN
8 mm			32	17		9			blank	21SFTF08MXX
8 mm			32	17		9			nickel plated	21SFTF08MXN
9 mm			33	17		10			blank	21SFTF09MXX
9 mm			33	17		10			nickel plated	21SFTF09MXN
10 mm			33	17		12			blank	21SFTF10MXX
10 mm			33	17		12			nickel plated	21SFTF10MXN
6 mm Parker			36	20		16			blank	21SFTF06MXX
6 mm Parker			36	20		16			nickel plated	21SFTF06MXN



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
 with Plastic Hose Connection	4 x 6 mm			32	6	6	10		M 10 x 1	blank	21SFKO06MXX
	4 x 6 mm			32	6	6	10		M 10 x 1	nickel plated	21SFKO06MXN
	6 x 8 mm			32	6	6	12		M 12 x 1	blank	21SFKO08MXX
	6 x 8 mm			32	6	6	12		M 12 x 1	nickel plated	21SFKO08MXN
 Panel Mount with Plastic Hose Connection	4 x 6 mm	14	12	43	7	18		3	M 10 x 1	blank	21SFKS06MXX
	4 x 6 mm	14	12	43	7	18		3	M 10 x 1	nickel plated	21SFKS06MXN
	6 x 8 mm	14	17	44	7	18		4	M 12 x 1	blank	21SFKS08MXX
	6 x 8 mm	14	17	44	7	18		4	M 12 x 1	nickel plated	21SFKS08MXN
 Panel Mount with Hose Barb	4 mm	14	14	50	17	14		4	M 10 x 1	blank	21SFTS04MXX
	4 mm	14	14	50	17	14		4	M 10 x 1	nickel plated	21SFTS04MXN
	6 mm	14	17	50	17	14		4	M 12 x 1	blank	21SFTS06MXX
	6 mm	14	17	50	17	14		4	M 12 x 1	nickel plated	21SFTS06MXN
	8 mm	14	17	50	17	14		4	M 12 x 1	blank	21SFTS08MXX
	8 mm	14	17	50	17	14		4	M 12 x 1	nickel plated	21SFTS08MXN
 Plastic Hose Connection with Spring Guard	4 x 6 mm			115	6	6	10		M 10 x 1	blank	21SFKK06MXX
	4 x 6 mm			115	6	6	10		M 10 x 1	nickel plated	21SFKK06MXN
	6 x 8 mm			120	6	6	12		M 12 x 1	blank	21SFKK08MXX
	6 x 8 mm			120	6	6	12		M 12 x 1	nickel plated	21SFKK08MXN