

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. 192
- Thermoplastic P. 232
- Medical Technology (MD) P. 256
- Safety P. 270
- Coded Systems P. 298

Technical Description




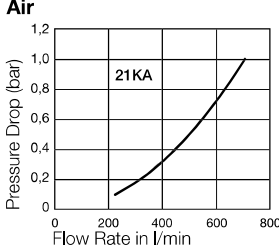
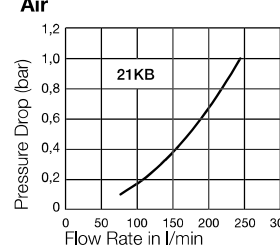
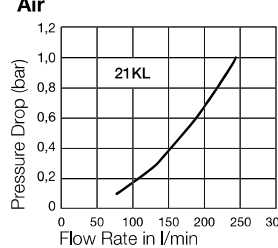
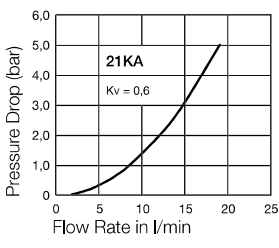
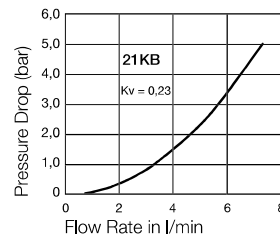
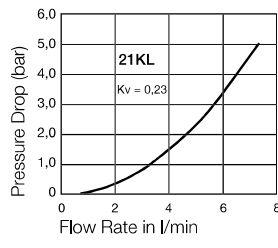
Mini industrial coupling with the world's most popular profile in this nominal diameter. Above average flow performance for liquid and gaseous media. Coupling system with single-hand operation. Small dimensions and large band width in materials and valve variants.

Dust Protections  (P. 325)
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 Leak-Free
Working Pressure**		
35 bar ** maximum static working pressure with safety factor 4 to 1.	35 bar	8 bar
Features		
		<ul style="list-style-type: none"> 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
Interchangeability		
<ul style="list-style-type: none"> Rectus 90 Camozzi Ewo Kani 		
Flow diagrams		
Air 	Air 	Air 
Water 	Water 	Water 

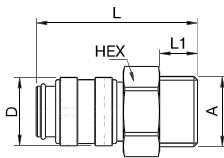
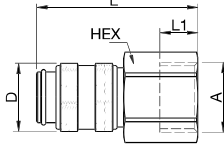
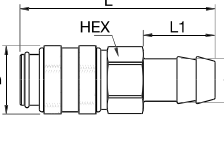
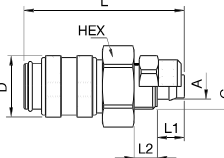


Couplings – with valve

Series 21KA

Brass/Steel

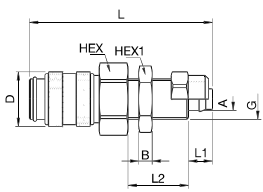
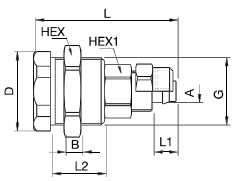
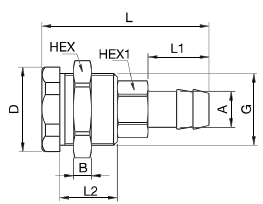
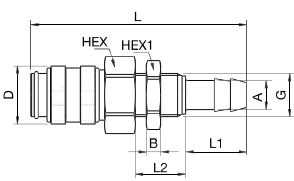
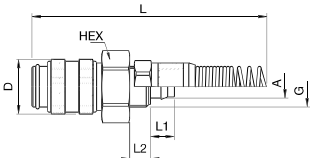
Low Pressure

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	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
 <p>Female Thread</p>	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
 <p>Hose Barb</p>	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
	6 mm Parker	14		50	20		16			blank	21KATP06MPX
	6 mm Parker	14		50	20		16			nickel plated	21KATP06MPN
 <p>with Plastic Hose Connection</p>	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
 <p>Panel Mount with Plastic Hose Connection</p>	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
 <p>Panel Mount for Plastic Hose Connection for Front Panel Installation</p>	4 x 6 mm	22	24	42	7	16	24	5	M 20 x 1	blank	21KAKE06MPX
	4 x 6 mm	22	24	42	7	16	24	5	M 20 x 1	nickel plated	21KAKE06MPN
	6 x 8 mm	22	24	42	7	16	24	5	M 20 x 1	blank	21KAKE08MPX
	6 x 8 mm	22	24	42	7	16	24	5	M 20 x 1	nickel plated	21KAKE08MPN
 <p>Panel Mount for Hose Barb for Front Panel Installation</p>	4 mm	22	24	46	17	16	24	5	M 20 x 1	blank	21KATE04MPX
	4 mm	22	24	46	17	16	24	5	M 20 x 1	nickel plated	21KATE04MPN
	6 mm	22	24	46	17	16	24	5	M 20 x 1	blank	21KATE06MPX
	6 mm	22	24	46	17	16	24	5	M 20 x 1	nickel plated	21KATE06MPN
	8 mm	22	24	46	17	16	24	5	M 20 x 1	blank	21KATE08MPX
	8 mm	22	24	46	17	16	24	5	M 20 x 1	nickel plated	21KATE08MPN
	9 mm	22	24	46	17	16	24	5	M 20 x 1	blank	21KATE09MPX
	9 mm	22	24	46	17	16	24	5	M 20 x 1	nickel plated	21KATE09MPN
	10 mm	22	24	46	17	16	24	5	M 20 x 1	blank	21KATE10MPX
	10 mm	22	24	46	17	16	24	5	M 20 x 1	nickel plated	21KATE10MPN
 <p>Panel Mount with Hose Barb</p>	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
 <p>Plastic Hose Connection with Spring Guard</p>	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

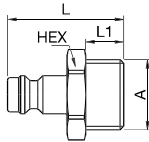
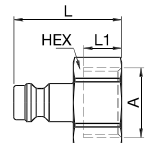
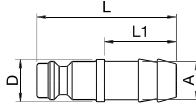


Plugs – without valve

Series 21KA

Brass/Steel

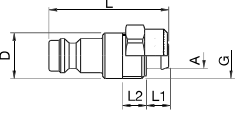
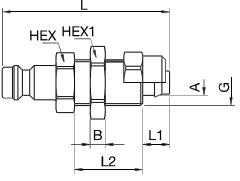
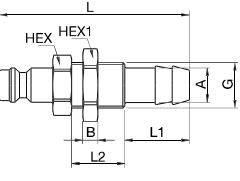
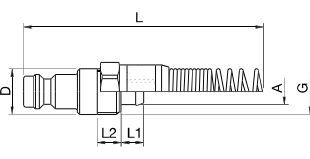
Low Pressure

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number	
 <p>Male Thread</p>	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	17		28	9					blank	21SFAW17MXX	
	G 3/8	17		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	
	M 14 x 1,5	17		28	10					blank	21SFAD14MXX	
	M 14 x 1,5	17		28	10					nickel plated	21SFAD14MXN	
	 <p>Female Thread</p>	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	
 <p>Hose Barb</p>		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	21SFTP06MXX	
	6 mm Parker			36	20		16			nickel plated	21SFTP06MXN	



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	
 <p>with Plastic Hose Connection</p>	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	
	8 x 10 mm	17		36	9	8			M 16 x 1	blank	21SFKO10MXX	
	8 x 10 mm	17		36	9	8			M 16 x 1	nickel plated	21SFKO10MXN	
	8 x 12 mm	17		36	9	8			M 16 x 1	blank	21SFKO12MXXS	
	8 x 12 mm	17		36	9	8			M 16 x 1	nickel plated	21SFKO12MXNS	
 <p>Panel Mount with Plastic Hose Connection</p>	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	
 <p>Panel Mount with Hose Barb</p>	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	
	5 mm	14	17	50	17	14		4	M 12 x 1	blank	21SFTS05MXX	
	5 mm	14	17	50	17	14		4	M 12 x 1	nickel plated	21SFTS05MXN	
	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	
	9 mm	14	17	50	17	14		4	M 12 x 1	blank	21SFTS09MXX	
	9 mm	14	17	50	17	14		4	M 12 x 1	nickel plated	21SFTS09MXN	
	10 mm	17	19	50	17	14		4	M 14 x 1	blank	21SFTS10MXX	
	10 mm	17	19	50	17	14		4	M 14 x 1	nickel plated	21SFTS10MXN	
 <p>Plastic Hose Connection with Spring Guard</p>	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	