



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. 319) 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.

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



Working Pressure**

35 bar ** maximum static working pressure with safety factor 4 to 1.	35 bar	8 bar
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Features

		<ul style="list-style-type: none"> • Minimal, almost imperceptible leakage when uncoupling • No air locked into the system during the coupling process
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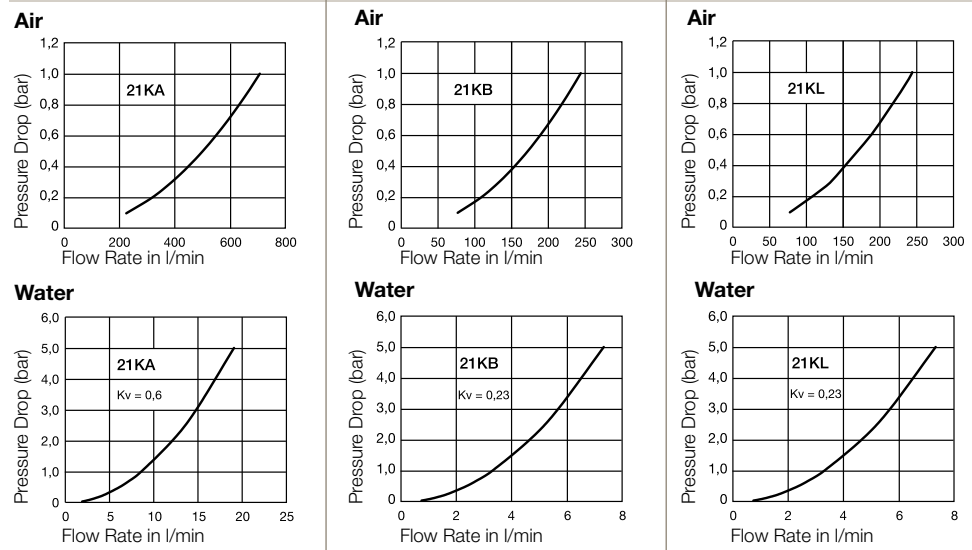
Material

<p>Coupling: Brass Plug: Brass Seals: NBR</p>	<p>Coupling: Brass Plug: Brass Seals: NBR</p>	<p>Coupling: Brass Plug: Brass Seals: NBR</p>
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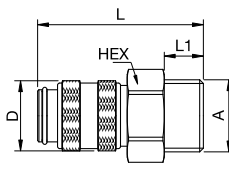
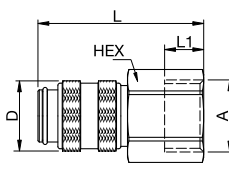
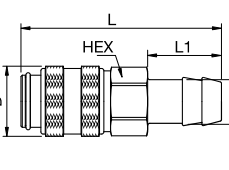
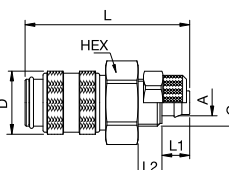
Interchangeability

<ul style="list-style-type: none"> • Rectus 90 • Camozzi • Ewo • Kani 		
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Flow diagrams





	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