



Other designs in series 21

The following other designs can be found from page:

- ▶ Brass / Steel P. 30
- ▶ 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. 319)
for Coupling Part.-No. SK16S

Working Temperature*
-15°C up to +200°C (FKM)
depending on the medium.

* For temperatures below -15°C and over +200°C and depending on the medium, other seal variants (EPDM, FFKM) are available.



Working Pressure**

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

35 bar

8 bar

Features

- All variants interchangeable

- Minimal, almost imperceptible leakage when uncoupling
- No air locked into the system during the coupling process

Material

Coupling: AISI 303 / AISI 316 L
Plug: AISI 303 / AISI 316 L
Seals: FKM

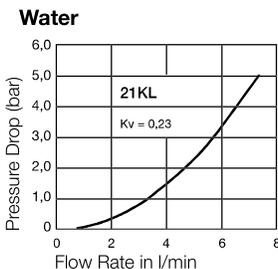
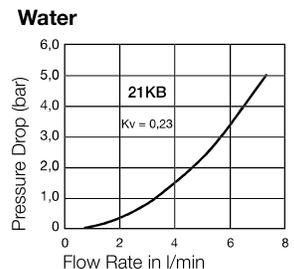
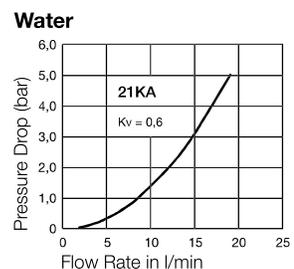
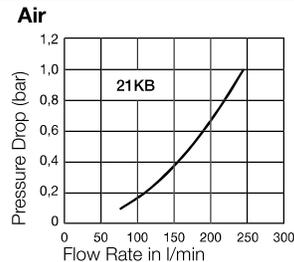
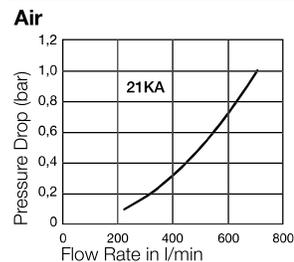
Coupling: AISI 303 / AISI 316 L
Plug: AISI 303 / AISI 316 L
Seals: FKM

Coupling: AISI 303 / AISI 316 L
Plug: AISI 303 / AISI 316 L
Seals: FKM

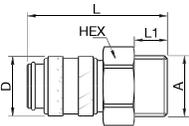
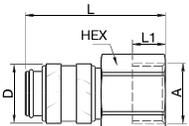
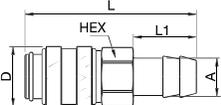
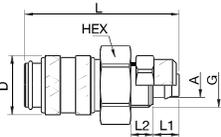
Interchangeability

- Camozzi
- EWO
- Kani

Flow diagrams



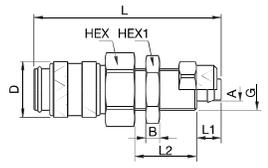
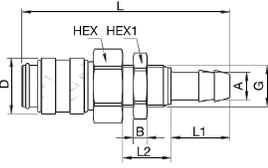


	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	G 1/8	14		36	7		16			AISI 303	21KAAW10RVX
	G 1/8	14		36	7		16			AISI 316 L	21KAAW10EVX
	G 1/4	17		38	9		16			AISI 303	21KAAW13RVX
	G 1/4	17		38	9		16			AISI 316 L	21KAAW13EVX
	G 3/8	19		38	9		16			AISI 303	21KAAW17RVX
	G 3/8	19		38	9		16			AISI 316 L	21KAAW17EVX
	M 12 x 1,5	14		38	9		16			AISI 303	21KAAM12RVX
M 14 x 1,5	17		39	10		16			AISI 303	21KAAM14RVX	
 <p>Female Thread</p>	G 1/8	14		36	9		16			AISI 303	21KAIW10RVX
	G 1/8	14		36	9		16			AISI 316 L	21KAIW10EVX
	G 1/4	17		38	9		16			AISI 303	21KAIW13RVX
	G 1/4	17		38	9		16			AISI 316 L	21KAIW13EVX
	G 3/8	19		38	9		16			AISI 303	21KAIW17RVX
	G 3/8	19		38	9		16			AISI 316 L	21KAIW17EVX
	M 12 x 1,5	17		38	9		16			AISI 303	21KAIM12RVX
M 14 x 1,5	17		38	9		16			AISI 316 L	21KAIM14RVX	
 <p>Hose Barb</p>	4 mm	14		46	17		16			AISI 303	21KATF04RVX
	4 mm	14		46	17		16			AISI 316 L	21KATF04EVX
	6 mm	14		46	17		16			AISI 303	21KATF06RVX
	6 mm	14		46	17		16			AISI 316 L	21KATF06EVX
	8 mm	14		46	17		16			AISI 303	21KATF08RVX
	8 mm	14		46	17		16			AISI 316 L	21KATF08EVX
	9 mm	14		46	17		16			AISI 303	21KATF09RVX
	9 mm	14		46	17		16			AISI 316 L	21KATF09EVX
	10 mm	14		46	17		16			AISI 303	21KATF10RVX
	10 mm	14		46	17		16			AISI 316 L	21KATF10EVX
6 mm Parker	14		50	20		16			AISI 303	21KATP06RVX	
 <p>with Plastic Hose Connection</p>	4 x 6 mm	14		42	7	6	16		M 10 x 1	AISI 303	21KAKO06RVX
	4 x 6 mm	14		42	7	6	16		M 10 x 1	AISI 316 L	21KAKO06EVX
	6 x 8 mm	14		42	7	6	16		M 12 x 1	AISI 303	21KAKO08RVX
	6 x 8 mm	14		42	7	6	16		M 12 x 1	AISI 316 L	21KAKO08EVX



Couplings – with valve

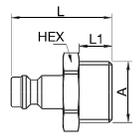
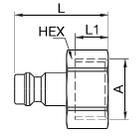
Series 21KA

	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	AISI 303	21KAKS06RVX
	4 x 6 mm	14	12	54	7	18	16	3	M 10 x 1	AISI 316 L	21KAKS06EVX
	6 x 8 mm	17	17	54	7	18	16	4	M 12 x 1	AISI 303	21KAKS08RVX
 <p>Panel Mount with Hose Barb</p>	6 mm	17	17	60	17	14	16	4	M 12 x 1	AISI 303	21KATS06RVX
	8 mm	17	17	60	17	14	16	4	M 12 x 1	AISI 303	21KATS08RVX



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>Male Thread</p>	G 1/8	14		25	7					AISI 303	21SFAW10RXX
	G 1/8	14		25	7					AISI 316 L	21SFAW10EXX
	G 1/4	17		28	9					AISI 303	21SFAW13RXX
	G 1/4	17		28	9					AISI 316 L	21SFAW13EXX
	G 3/8	19		28	9					AISI 303	21SFAW17RXX
	G 3/8	19		28	9					AISI 316 L	21SFAW17EXX
	M 10 x 1	14		25	7					AISI 303	21SFAM10RXX
	M 12 x 1,5	17		28	10					AISI 303	21SFAM12RXX
 <p>Female Thread</p>	M 14 x 1,5	17		28	10					AISI 303	21SFAD14RXX
	G 1/8	14		25	8					AISI 303	21SFIW10RXX
	G 1/8	14		25	8					AISI 316 L	21SFIW10EXX
	G 1/4	17		25	9					AISI 303	21SFIW13RXX
	G 1/4	17		25	9					AISI 316 L	21SFIW13EXX
	G 3/8	19		26	9					AISI 303	21SFIW17RXX
	G 3/8	19		26	9					AISI 316 L	21SFIW17EXX
	M 10 x 1	14		26	9					AISI 303	21SFIM10RXX
M 14 x 1,5	17		27	10					AISI 303	21SFIM14RXX	

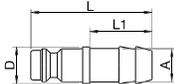
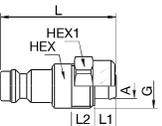
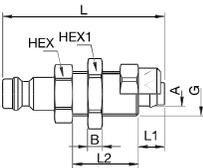


Plugs – without valve

Series 21KA

Stainless 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>Hose Barb</p>	4 mm			32	17		9			AISI 303	21SFTF04RXX
	5 mm			32	17		9			AISI 303	21SFTF05RXX
	6 mm			32	17		9			AISI 303	21SFTF06RXX
	6 mm			32	17		9			AISI 316 L	21SFTF06EXX
	8 mm			32	17		9			AISI 303	21SFTF08RXX
	8 mm			32	17		9			AISI 316 L	21SFTF08EXX
	9 mm			33	17		10			AISI 303	21SFTF09RXX
	9 mm			33	17		10			AISI 316 L	21SFTF09EXX
	10 mm			33	17		12			AISI 303	21SFTF10RXX
	10 mm			33	17		12			AISI 316 L	21SFTF10EXX
	6 mm Parker			36	20		12			AISI 303	21SFTF06RXX
 <p>with Plastic Hose Connection</p>	4 x 6 mm	12	12	32	7	6			M 10 x 1	AISI 303	21SFKO06RXX
	4 x 6 mm	12	12	32	7	6			M 10 x 1	AISI 316 L	21SFKO06EXX
	6 x 8 mm	14	14	32	7	6			M 12 x 1	AISI 303	21SFKO08RXX
	6 x 8 mm	14	14	32	7	6			M 12 x 1	AISI 316 L	21SFKO08EXX
 <p>Panel Mount with Plastic Hose Connection</p>	4 x 6 mm	14	12	43	7	18		3	M 10 x 1	AISI 303	21SFKS06RXX
	4 x 6 mm	14	12	43	7	18		3	M 10 x 1	AISI 316 L	21SFKS06EXX
	6 x 8 mm	14	17	44	7	18		4	M 12 x 1	AISI 303	21SFKS08RXX

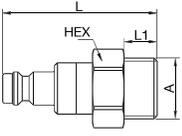
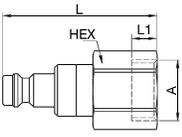
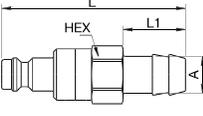
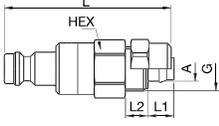
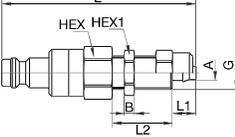
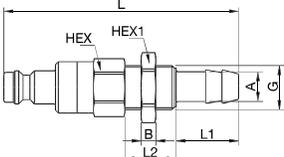


Couplings – with valve

Series 21KB

	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			AISI 303	21KBAW10RVX
	G 1/8	14		36	7		16			AISI 316 L	21KBAW10EVX
	G 1/4	17		38	9		16			AISI 303	21KBAW13RVX
	G 1/4	17		38	9		16			AISI 316 L	21KBAW13EVX
	G 3/8	19		38	9		16			AISI 303	21KBAW17RVX
	G 3/8	19		38	9		16			AISI 316 L	21KBAW17EVX
<p>Female Thread</p>	G 1/8	14		36	9		16			AISI 303	21KBIW10RVX
	G 1/8	14		36	9		16			AISI 316 L	21KBIW10EVX
	G 1/4	17		38	7		16			AISI 303	21KBIW13RVX
	G 1/4	17		38	7		16			AISI 316 L	21KBIW13EVX
	G 3/8	19		38	9		16			AISI 303	21KBIW17RVX
	G 3/8	19		38	9		16			AISI 316 L	21KBIW17EVX
<p>Hose Barb</p>	4 mm	14		46	17		16			AISI 303	21KBTf04RVX
	4 mm	14		46	17		16			AISI 316 L	21KBTf04EVX
	5 mm	14		46	17		16			AISI 303	21KBTf05RVX
	6 mm	14		46	17		16			AISI 303	21KBTf06RVX
	6 mm	14		46	17		16			AISI 316 L	21KBTf06EVX
	8 mm	14		46	17		16			AISI 303	21KBTf08RVX
	8 mm	14		46	17		16			AISI 316 L	21KBTf08EVX
	9 mm	14		46	17		16			AISI 303	21KBTf09RVX
	9 mm	14		46	17		16			AISI 316 L	21KBTf09EVX
	10 mm	14		46	17		16			AISI 303	21KBTf10RVX
	10 mm	14		46	17		16			AISI 316 L	21KBTf10EVX
	6 mm Parker	14		50	20		16			AISI 303	21KBTP06RVX
<p>with Plastic Hose Connection</p>	4 x 6 mm	14		42	7	6	16		M 10 x 1	AISI 303	21KBKO06RVX
	4 x 6 mm	14		42	7	6	16		M 10 x 1	AISI 316 L	21KBKO06EVX
	6 x 8 mm	14		42	7	6	16		M 12 x 1	AISI 303	21KBKO08RVX
	6 x 8 mm	14		42	7	6	16		M 12 x 1	AISI 316 L	21KBKO08EVX
<p>Panel Mount with Plastic Hose Connection</p>	4 x 6 mm	14	14	54	7	18	16	4	M 10 x 1	AISI 303	21KBKS06RVX
	4 x 6 mm	14	14	54	7	18	16	4	M 10 x 1	AISI 316 L	21KBKS06EVX
	6 x 8 mm	17	14	54	7	18	16	4	M 12 x 1	AISI 303	21KBKS08RVX
<p>Panel Mount with Hose Barb</p>	8 mm	17	17	60	17	14	16	4	M 12 x 1	AISI 303	21KBTS08RVX

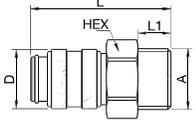
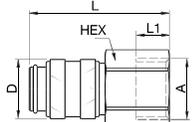
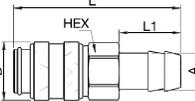
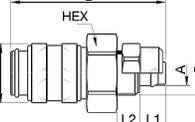
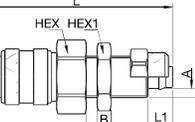
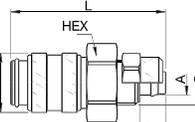


	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	G 1/8	14		40	7					AISI 303	21SBAW10RVX
	G 1/8	14		40	7					AISI 316 L	21SBAW10EVX
	G 1/4	17		42	9					AISI 303	21SBAW13RVX
	G 1/4	17		42	9					AISI 316 L	21SBAW13EVX
	G 3/8	19		42	9					AISI 303	21SBAW17RVX
	G 3/8	19		42	9					AISI 316 L	21SBAW17EVX
	M 14 x 1,5	17		43	10					AISI 303	21SBAM14RVX
 <p>Female Thread</p>	G 1/8	14		40	9					AISI 303	21SBIW10RVX
	G 1/8	14		40	9					AISI 316 L	21SBIW10EVX
	G 1/4	17		42	7					AISI 303	21SBIW13RVX
	G 1/4	17		42	7					AISI 316 L	21SBIW13EVX
	G 3/8	19		42	9					AISI 303	21SBIW17RVX
	G 3/8	19		42	9					AISI 316 L	21SBIW17EVX
	M 10 x 1	14		40	9					AISI 303	21SBIM10RVX
	M 12 x 1,5	17		42	9					AISI 303	21SBIM12RVX
	M 14 x 1,5	17		42	9					AISI 303	21SBIM14RVX
 <p>Hose Barb</p>	6 mm	14		50	17					AISI 303	21SBTF06RVX
	6 mm	14		50	17					AISI 316 L	21SBTF06EVX
	8 mm	14		50	17					AISI 303	21SBTF08RVX
	8 mm	14		50	17					AISI 316 L	21SBTF08EVX
	9 mm	14		50	17					AISI 303	21SBTF09RVX
	9 mm	14		50	17					AISI 316 L	21SBTF09EVX
	10 mm	14		50	17					AISI 303	21SBTF10RVX
	10 mm	14		50	17					AISI 316 L	21SBTF10EVX
	6 mm Parker	14		54	20					AISI 303	21SBTP06RVX
 <p>with Plastic Hose Connection</p>	4 x 6 mm	14		46	7	6			M 10 x 1	AISI 303	21SBKO06RVX
	4 x 6 mm	14		46	7	6			M 10 x 1	AISI 316 L	21SBKO06EVX
	6 x 8 mm	14		46	7	6			M 12 x 1	AISI 303	21SBKO08RVX
	6 x 8 mm	14		46	7	6			M 12 x 1	AISI 316 L	21SBKO08EVX
 <p>Panel Mount with Plastic Hose Connection</p>	4 x 6 mm	14	12	58	7	18		3	M 10 x 1	AISI 303	21SBKS06RVX
	4 x 6 mm	14	12	58	7	18		3	M 10 x 1	AISI 316 L	21SBKS06EVX
	6 x 8 mm	17	17	58	7	18		4	M 12 x 1	AISI 303	21SBKS08RVX
 <p>Panel Mount with Hose Barb</p>	6 mm	17	17	64	17	14		4	M 12 x 1	AISI 303	21SBTS06RVX
	9 mm	17	17	64	17	14		4	M 12 x 1	AISI 303	21SBTS09RVX
	10 mm	17	17	61	17	11		3,5	G 1/4	AISI 303	21SBTS10RVX

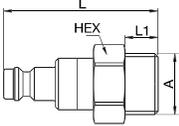
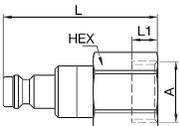
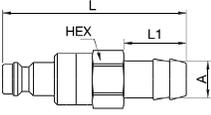
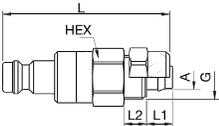
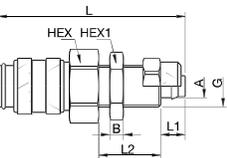


Couplings – flat-sealing

Series 21KL

	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			AISI 303	21KLAW10RVX
	G 1/8	14		36	7		16			AISI 316 L	21KLAW10EVX
	G 1/4	17		38	9		16			AISI 303	21KLAW13RVX
	G 1/4	17		38	9		16			AISI 316 L	21KLAW13EVX
	G 3/8	19		38	9		16			AISI 303	21KLAW17RVX
	G 3/8	19		38	9		16			AISI 316 L	21KLAW17EVX
 <p>Female Thread</p>	G 1/8	14		36	9		16			AISI 303	21KLIW10RVX
	G 1/8	14		36	9		16			AISI 316 L	21KLIW10EVX
	G 1/4	17		38	9		16			AISI 303	21KLIW13RVX
	G 1/4	17		38	9		16			AISI 316 L	21KLIW13EVX
 <p>Hose Barb</p>	6 mm	14		46	17		16			AISI 316 L	21KLTF06EVX
	8 mm	14		46	17		16			AISI 303	21KLTF08RVX
	8 mm	14		46	17		16			AISI 316 L	21KLTF08EVX
	9 mm	14		46	17		16			AISI 303	21KLTF09RVX
	9 mm	14		46	17		16			AISI 316 L	21KLTF09EVX
	10 mm	14		46	17		16			AISI 316 L	21KLTF10EVX
	6 mm Parker	14		50	20		16			AISI 303	21KLTP06RVX
 <p>with Plastic Hose Connection</p>	4 x 6 mm	14		42	7	6	16		M 10 x 1	AISI 303	21KLKO06RVX
	4 x 6 mm	14		42	7	6	16		M 10 x 1	AISI 316 L	21KLKO06EVX
	6 x 8 mm	14		42	7	6	16		M 12 x 1	AISI 303	21KLKO08RVX
	6 x 8 mm	14		42	7	6	16		M 12 x 1	AISI 316 L	21KLKO08EVX
 <p>Panel Mount with Plastic Hose Connection</p>	4 x 6 mm	14	14	54	7	18	16	4	M 10 x 1	AISI 303	21KLKS06RVX
	4 x 6 mm	14	14	54	7	18	16	4	M 10 x 1	AISI 316 L	21KLKS06EVX
	6 x 8 mm	17	17	54	7	18	16	4	M 12 x 1	AISI 303	21KLKS08RVX
 <p>Panel Mount with Hose Barb</p>	8 mm	17	17	60	17	14	16		M 12 x 1	AISI 303	21KLTS08RVX



	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		40	7					AISI 303	21SLAW10RVX	
	G 1/8	14		40	7					AISI 316 L	21SLAW10EVX	
	G 1/4	17		42	9					AISI 303	21SLAW13RVX	
	G 1/4	17		42	9					AISI 316 L	21SLAW13EVX	
	G 3/8	19		42	9					AISI 303	21SLAW17RVX	
	G 3/8	19		42	9					AISI 316 L	21SLAW17EVX	
 <p>Female Thread</p>	G 1/8	14		40	9					AISI 303	21SLIW10RVX	
	G 1/8	14		40	9					AISI 316 L	21SLIW10EVX	
 <p>Hose Barb</p>	5 mm	14		50	17					AISI 316 L	21SLTF05EVX	
	6 mm	14		50	17					AISI 303	21SLTF06RVX	
	6 mm	14		50	17					AISI 316 L	21SLTF06EVX	
	9 mm	14		50	17					AISI 316 L	21SLTF09EVX	
	10 mm	14		50	17					AISI 303	21SLTF10RVX	
	10 mm	14		50	17					AISI 316 L	21SLTF10EVX	
	6 mm Parker	14		54	20					AISI 303	21SLTP06RVX	
 <p>with Plastic Hose Connection</p>	4 x 6 mm	14		46	7	6			M 10 x 1	AISI 303	21SLKO06RVX	
	4 x 6 mm	14		46	7	6				M 10 x 1	AISI 316 L	21SLKO06EVX
	6 x 8 mm	14		46	7	6				M 12 x 1	AISI 303	21SLKO08RVX
	6 x 8 mm	14		46	7	6				M 12 x 1	AISI 316 L	21SLKO08EVX
 <p>Panel Mount with Plastic Hose Connection</p>	6 x 8 mm	17	17	58	7	18		4	M 12 x 1	AISI 303	21SLKS08RVX	