

## Nominal Diameter

5 = 20 mm<sup>2</sup>

## Rectus Series

21



## 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

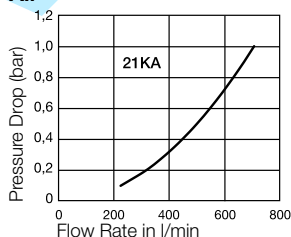
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**Plug:** AISI 303 / AISI 316 L  
**Seals:** FKM

## Interchangeability

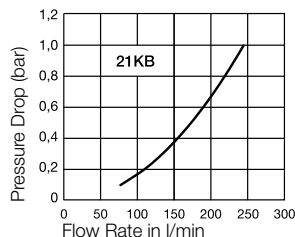
- Camozzi
- EWO
- Kani

## Flow diagrams

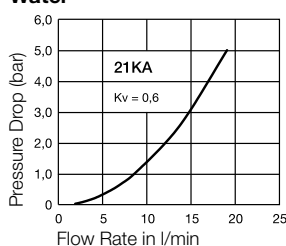
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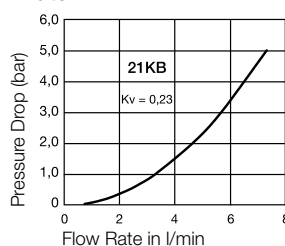
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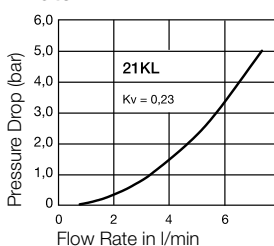
## Water



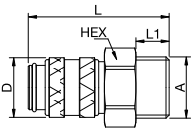
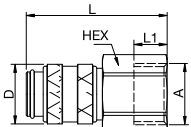
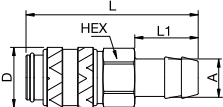
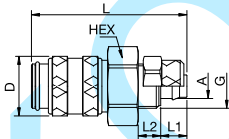
## Water



## 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			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
 Female Thread	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
 Hose Barb	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
 with Plastic Hose Connection	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
 Panel Mount with Plastic Hose Connection	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
 Panel Mount with Hose Barb	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

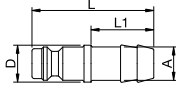
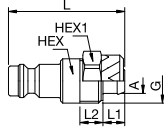
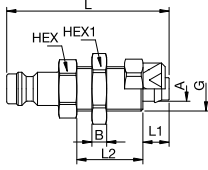


## Plugs – without valve

## Series 21KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	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
 Female Thread	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

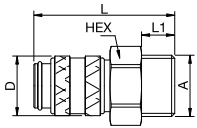
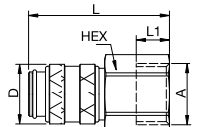
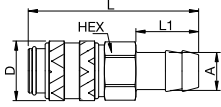
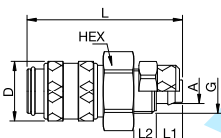
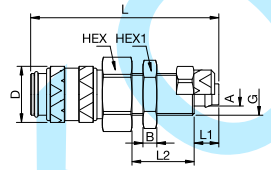
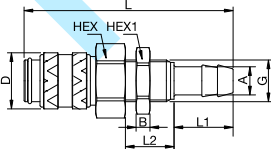


	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Hose Barb</p>	4 mm			32	17		9			AISI 303	21SFTF04RXX
	5 mm			32	17		9			AISI 303	21SFTF05RXX
	6 mm			32	17		9			AISI 303	21SFTF06RXX
	6 mm			32	17		9			AISI 316 L	21SFTF06EXX
	8 mm			32	17		9			AISI 303	21SFTF08RXX
	8 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

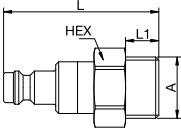
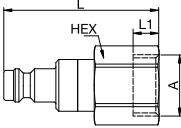
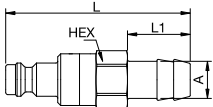
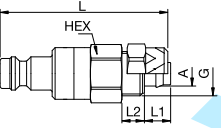
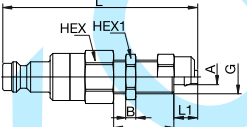
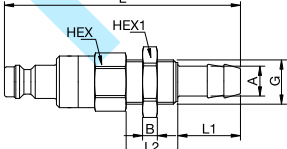


## Couplings – with valve

## Series 21KB

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	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
 Female Thread	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
 Hose Barb	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
 with Plastic Hose Connection	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
 Panel Mount with Plastic Hose Connection	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
 Panel Mount with Hose Barb	8 mm	17	17	60	17	14	16	4	M 12 x 1	AISI 303	21KBTS08RVX

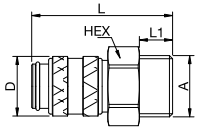
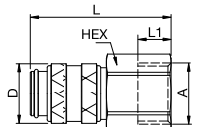
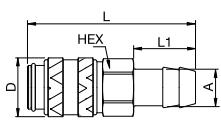
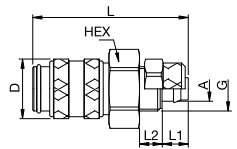
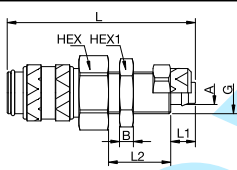
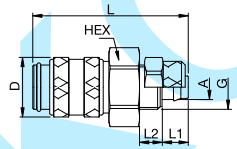


	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	G 1/8	14		40	7					AISI 303	21SBAW10RVX
	G 1/8	14		40	7					AISI 316 L	21SBAW10EVX
	G 1/4	17		42	9					AISI 303	21SBAW13RVX
	G 1/4	17		42	9					AISI 316 L	21SBAW13EVX
	G 3/8	19		42	9					AISI 303	21SBAW17RVX
	G 3/8	19		42	9					AISI 316 L	21SBAW17EVX
	M 14 x 1,5	17		43	10					AISI 303	21SBAM14RVX
 Female Thread	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
 Hose Barb	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
 with Plastic Hose Connection	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
 Panel Mount with Plastic Hose Connection	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
 Panel Mount with Hose Barb	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

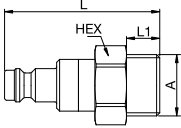
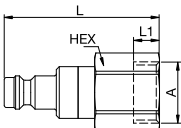
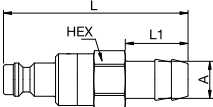
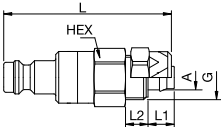
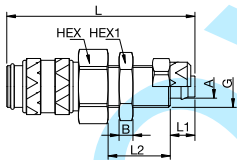


## Couplings – flat-sealing

## Series 21KL

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	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
 Female Thread	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
 Hose Barb	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
 with Plastic Hose Connection	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
 Panel Mount with Plastic Hose Connection	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
 Panel Mount with Hose Barb	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
 Male Thread	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
 Female Thread	G 1/8	14		40	9					AISI 303	21SLIW10RVX
	G 1/8	14		40	9					AISI 316 L	21SLIW10EVX
 Hose Barb	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
 with Plastic Hose Connection	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
 Panel Mount with Plastic Hose Connection	6 x 8 mm	17	17	58	7	18		4	M 12 x 1	AISI 303	21SLKS08RVX