

**Other designs in series 25**

The following other designs can be found from page:

► Brass / Steel	P. 98
► Safety	P. 274
► Safety Self-Venting	P. 294
► Coded Systems	P. 302

Technical Description

Universal industrial coupling with standard European profile for use with gaseous, liquid and aggressive media.

Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The series stands out for its robust design and long service life even with the harshest use. The collar design minimises damage to the valve body.

Dust Protections  (P. 319)
for Coupling Part.-No. SK23S
for Plug Part.-No. SK12S

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

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

Material

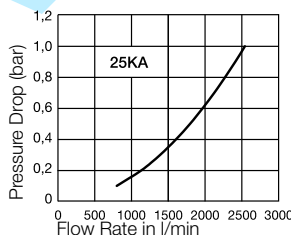
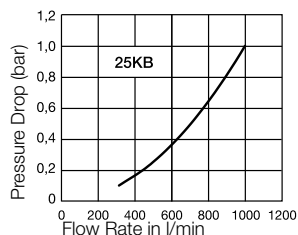
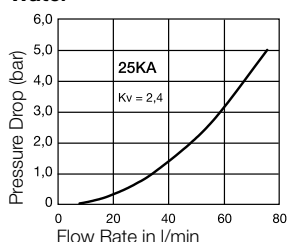
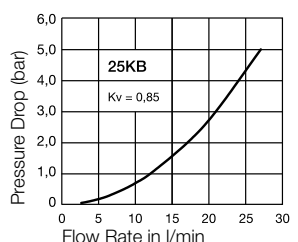
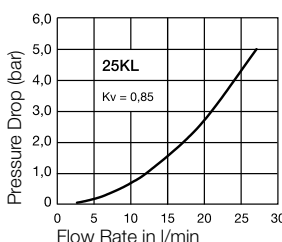
Coupling: AISI 303 / AISI 316 L
Plug: AISI 303 / AISI 316 L
Seals: FKM

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

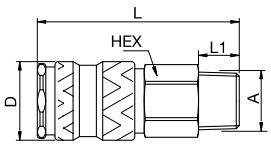
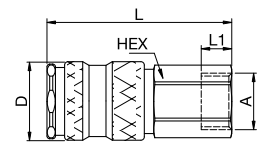
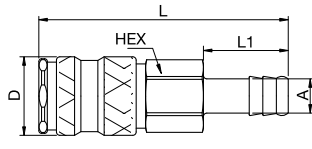
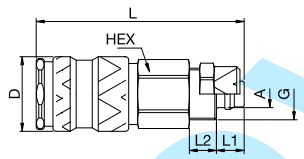
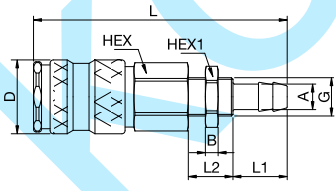
Coupling: AISI 303 / AISI 316 L
Plug: AISI 303 / AISI 316 L
Seals: FKM

Interchangeability

- Rectus 26
- Cejn 320
- various German Products

Flow diagrams**Air****Air****Water****Water****Water**

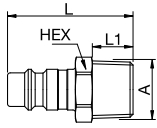
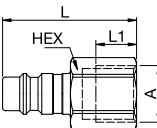
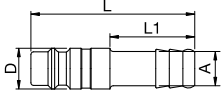
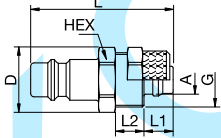


	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	G 1/4	19		59,5	10,5		23			AISI 303	25KAAW13RVX
	G 1/4	19		59,5	10,5		23			AISI 316 L	25KAAW13EVX
	G 3/8	19		57,5	9		23			AISI 303	25KAAW17RVX
	G 3/8	19		57,5	9		23			AISI 316 L	25KAAW17EVX
	G 1/2	24		60,5	12		23			AISI 303	25KAAW21RVX
	G 1/2	24		60,5	12		23			AISI 316 L	25KAAW21EVX
	M 18 x 1,5	19		59,5	11		23			AISI 303	25KAAM18RVX
 Female Thread	G 1/4	19		55,5	10		23			AISI 303	25KAIW13RVX
	G 1/4	19		55,5	10		23			AISI 316 L	25KAIW13EVX
	G 3/8	19		54,5	9		23			AISI 303	25KAIW17RVX
	G 3/8	19		54,5	9		23			AISI 316 L	25KAIW17EVX
	G 1/2	24		57,5	12		23			AISI 303	25KAIW21RVX
	G 1/2	24		57,5	12		23			AISI 316 L	25KAIW21EVX
 Hose Barb	6 mm	19		73,5	25		23			AISI 303	25KATF06RVX
	6 mm	19		73,5	25		23			AISI 316 L	25KATF06EVX
	8 mm	19		73,5	25		23			AISI 303	25KATF08RVX
	8 mm	19		73,5	25		23			AISI 316 L	25KATF08EVX
	9 mm	19		73,5	25		23			AISI 303	25KATF09RVX
	9 mm	19		73,5	25		23			AISI 316 L	25KATF09EVX
	10 mm	19		73,5	25		23			AISI 303	25KATF10RVX
	10 mm	19		73,5	25		23			AISI 316 L	25KATF10EVX
	13 mm	19		73,5	25		23			AISI 303	25KATF13RVX
	13 mm	19		73,5	25		23			AISI 316 L	25KATF13EVX
 with Plastic Hose Connection	6 x 8 mm	19		61	7	6	23		M 12 x 1	AISI 303	25KAKO08RVX
	6 x 8 mm	19		61	7	6	23		M 12 x 1	AISI 316 L	25KAKO08EVX
	8 x 10 mm	19		64,5	9	8	23		M 16 x 1	AISI 303	25KAKO10RVX
	9 x 12 mm	19		64,5	9	8	23		M 16 x 1	AISI 303	25KAKO12RVX
	9 x 12 mm	19		64,5	9	8	23		M 16 x 1	AISI 316 L	25KAKO12EVX
 Panel Mount with Hose Barb	6 mm	19	17	75,5	17	10	23	4	M 12 x 1	AISI 303	25KATS06RVX
	8 mm	19	17	79,5	17	14	23	4	M 12 x 1	AISI 303	25KATS08RVX
	10 mm	19	19	79,5	25	14	23	4	M 14 x 1	AISI 303	25KATS10RVX

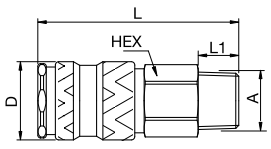
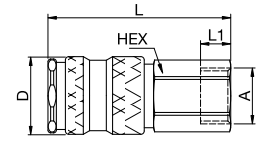
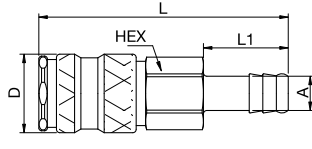
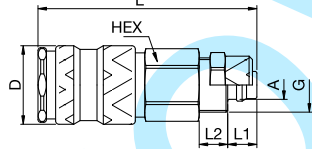
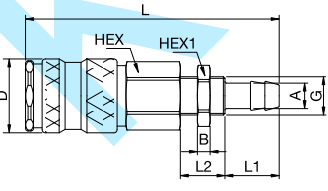


Plugs – without valve

Series 25KA

	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 3/8	19		33	9					AISI 303	25SFAW17RXX
	G 3/8	19		33	9					AISI 316 L	25SFAW17EXX
	G 1/2	24		38	12					AISI 303	25SFAW21RXX
	G 1/2	24		38	12					AISI 316 L	25SFAW21EXX
 <p>Female Thread</p>	G 1/8	14		30	7					AISI 303	25SFIW10RXX
	G 1/8	14		30	7					AISI 316 L	25SFIW10EXX
	G 1/4	17		33	10					AISI 303	25SFIW13RXX
	G 1/4	17		33	10					AISI 316 L	25SFIW13EXX
	G 3/8	19		33	10					AISI 303	25SFIW17RXX
	G 3/8	19		33	10					AISI 316 L	25SFIW17EXX
	G 1/2	24		35	12					AISI 303	25SFIW21RXX
	G 1/2	24		35	12					AISI 316 L	25SFIW21EXX
	M 16 x 1,5	19		33	10					AISI 303	25SFIM16RXX
 <p>Hose Barb</p>	6 mm			48	25		12			AISI 303	25SFTF06RXX
	6 mm			48	25		12			AISI 316 L	25SFTF06EXX
	8 mm			48	25		12			AISI 303	25SFTF08RXX
	8 mm			48	25		12			AISI 316 L	25SFTF08EXX
	9 mm			48	25		12			AISI 303	25SFTF09RXX
	9 mm			48	25		12			AISI 316 L	25SFTF09EXX
	10 mm			48	25		12			AISI 303	25SFTF10RXX
	10 mm			48	25		12			AISI 316 L	25SFTF10EXX
	13 mm			48	25		15			AISI 303	25SFTF13RXX
	13 mm			48	25		15			AISI 316 L	25SFTF13EXX
 <p>with Plastic Hose Connection</p>	4 x 6 mm			34	7	6	12		M 10 x 1	AISI 303	25SFKO06RXX
	4 x 6 mm			34	7	6	12		M 10 x 1	AISI 316 L	25SFKO06EXX
	6 x 8 mm			34	7	6	12		M 12 x 1	AISI 303	25SFKO08RXX
	6 x 8 mm			34	7	6	12		M 12 x 1	AISI 316 L	25SFKO08EXX
	8 x 10 mm	17		42	9	8			M 16 x 1	AISI 303	25SFKO10RXX



	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	G 1/4	19		59,5	10,5		23			AISI 303	25KBAW13RVX
	G 1/4	19		59,5	10,5		23			AISI 316 L	25KBAW13EVX
	G 3/8	19		57,5	9		23			AISI 303	25KBAW17RVX
	G 3/8	19		57,5	9		23			AISI 316 L	25KBAW17EVX
	G 1/2	24		60,5	12		23			AISI 303	25KBAW21RVX
	G 1/2	24		60,5	12		23			AISI 316 L	25KBAW21EVX
	M 16 x 1,5	19		59	10,5		23			AISI 303	25KBAM16RVX
	M 16 x 1,5	19		59	10,5		23			AISI 316 L	25KBAM16EVX
 Female Thread	G 1/4	19		55,5	10		23			AISI 303	25KBIW13RVX
	G 1/4	19		55,5	10		23			AISI 316 L	25KBIW13EVX
	G 3/8	19		54,5	9		23			AISI 303	25KBIW17RVX
	G 3/8	19		54,5	9		23			AISI 316 L	25KBIW17EVX
	G 1/2	24		57,5	12		23			AISI 303	25KBIW21RVX
	G 1/2	24		57,5	12		23			AISI 316 L	25KBIW21EVX
	M 14 x 1,5	19		54,5	9		23			AISI 303	25KBIM14RVX
	M 16 x 1,5	19		54,5	9		23			AISI 303	25KBIM16RVX
	M 18 x 1,5	22		54,5	9		23			AISI 303	25KBIM18RVX
 Hose Barb	6 mm	19		73,5	25		23			AISI 303	25KBTF06RVX
	6 mm	19		73,5	25		23			AISI 316 L	25KBTF06EVX
	8 mm	19		73,5	25		23			AISI 303	25KBTF08RVX
	8 mm	19		73,5	25		23			AISI 316 L	25KBTF08EVX
	9 mm	19		73,5	25		23			AISI 303	25KBTF09RVX
	9 mm	19		73,5	25		23			AISI 316 L	25KBTF09EVX
	10 mm	19		73,5	25		23			AISI 303	25KBTF10RVX
	10 mm	19		73,5	25		23			AISI 316 L	25KBTF10EVX
	13 mm	19		73,5	25		23			AISI 303	25KBTF13RVX
	13 mm	19		73,5	25		23			AISI 316 L	25KBTF13EVX
 with Plastic Hose Connection	6 x 8 mm	19		61	7	6	23		M 12 x 1	AISI 303	25KBKO08RVX
	6 x 8 mm	19		61	7	6	23		M 12 x 1	AISI 316 L	25KBKO08EVX
	8 x 10 mm	19		64,5	9	8	23		M 16 x 1	AISI 303	25KBKO10RVX
	9 x 12 mm	19		64,5	9	8	23		M 16 x 1	AISI 303	25KBKO12RVX
	9 x 12 mm	19		64,5	9	8	23		M 16 x 1	AISI 316 L	25KBKO12EVX
 Panel Mount with Hose Barb	10 mm	19	19	79,5	25	14	23	4	M 14 x 1	AISI 303	25KBTS10RVX



Plugs – with valve

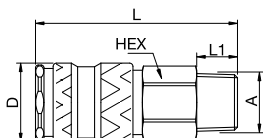
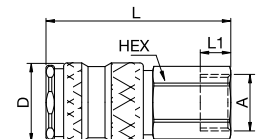
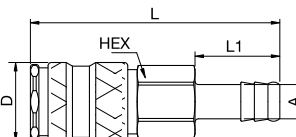
Series 25KB

	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	19		54	7					AISI 303	25SBAW10RVX
	G 1/8	19		54	7					AISI 316 L	25SBAW10EVX
	G 1/4	19		58	10,5					AISI 303	25SBAW13RVX
	G 1/4	19		58	10,5					AISI 316 L	25SBAW13EVX
	G 3/8	19		56	9					AISI 303	25SBAW17RVX
	G 3/8	19		56	9					AISI 316 L	25SBAW17EVX
	G 1/2	24		59	12					AISI 303	25SBAW21RVX
	G 1/2	24		59	12					AISI 316 L	25SBAW21EVX
	M 16 x 1,5	19		57,5	10,5					AISI 303	25SBAM16RVX
	M 16 x 1,5	19		57,5	10,5					AISI 316 L	25SBAM16EVX
 Female Thread	M 18 x 1,5	19		58	11					AISI 303	25SBAM18RVX
	G 1/4	19		54	10					AISI 303	25SBIW13RVX
	G 1/4	19		54	10					AISI 316 L	25SBIW13EVX
	G 3/8	19		53	9					AISI 303	25SBIW17RVX
	G 3/8	19		53	9					AISI 316 L	25SBIW17EVX
	G 1/2	24		56	12					AISI 303	25SBIW21RVX
	G 1/2	24		56	12					AISI 316 L	25SBIW21EVX
 Hose Barb	M 18 x 1,5	22		53	9					AISI 303	25SBIM18RVX
	6 mm	19		72	25					AISI 303	25SBTF06RVX
	6 mm	19		72	25					AISI 316 L	25SBTF06EVX
	8 mm	19		72	25					AISI 303	25SBTF08RVX
	8 mm	19		72	25					AISI 316 L	25SBTF08EVX
	9 mm	19		72	25					AISI 303	25SBTF09RVX
	9 mm	19		72	25					AISI 316 L	25SBTF09EVX
	10 mm	19		72	25					AISI 303	25SBTF10RVX
	10 mm	19		72	25					AISI 316 L	25SBTF10EVX
	13 mm	19		72	25					AISI 303	25SBTF13RVX
	13 mm	19		72	25					AISI 316 L	25SBTF13EVX
 with Plastic Hose Connection	4 x 6 mm	19		59	7	6			M 10 x 1	AISI 303	25SBKO06RVX
	6 x 8 mm	19		59	7	6			M 12 x 1	AISI 303	25SBKO08RVX
	6 x 8 mm	19		59	7	6			M 12 x 1	AISI 316 L	25SBKO08EVX
	8 x 10 mm	19		63	8,5	8,5			M 16 x 1	AISI 303	25SBKO10RVX
	9 x 12 mm	19		63	8,5	8,5			M 16 x 1	AISI 303	25SBKO12RVX
	9 x 12 mm	19		63	8,5	8,5			M 16 x 1	AISI 316 L	25SBKO12EVX
 Panel Mount with Hose Barb	6 mm	19	17	74	17	10			M 12 x 1	AISI 303	25SBTS06RVX
	8 mm	19	17	78	17	14			M 12 x 1	AISI 303	25SBTS08RVX
	10 mm	19	19	78	17	14			M 14 x 1	AISI 303	25SBTS10RVX



Couplings – flat-sealing

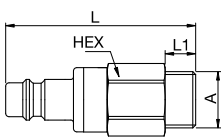
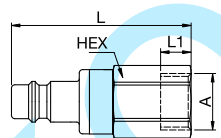
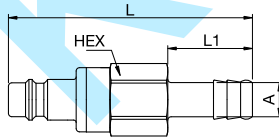
Series 25KL

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	G 1/4	19		59,5	10,5		23			AISI 303	25KLAW13RVX
	G 1/4	19		59,5	10,5		23			AISI 316 L	25KLAW13EVX
	G 3/8	19		57,5	9		23			AISI 303	25KLAW17RVX
	G 3/8	19		57,5	9		23			AISI 316 L	25KLAW17EVX
	G 1/2	24		60,5	12		23			AISI 303	25KLAW21RVX
	G 1/2	24		60,5	12		23			AISI 316 L	25KLAW21EVX
 Female Thread	G 1/4	19		55,5	10		23			AISI 303	25KLIW13RVX
	G 1/4	19		55,5	10		23			AISI 316 L	25KLIW13EVX
	G 3/8	19		54,5	9		23			AISI 303	25KLIW17RVX
	G 3/8	19		54,5	9		23			AISI 316 L	25KLIW17EVX
	G 1/2	24		57,5	12		23			AISI 303	25KLIW21RVX
	G 1/2	24		57,5	12		23			AISI 316 L	25KLIW21EVX
 Hose Barb	9 mm	19		73,5	25		23			AISI 303	25KLTF09RVX
	9 mm	19		73,5	25		23			AISI 316 L	25KLTF09EVX
	13 mm	19		73,5	25		23			AISI 303	25KLTF13RVX
	13 mm	19		73,5	25		23			AISI 316 L	25KLTF13EVX



Plugs – flat-sealing

Series 25KL

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	G 1/4	19		58	10,5					AISI 303	25SLAW13RVX
	G 1/4	19		58	10,5					AISI 316 L	25SLAW13EVX
	G 3/8	19		56	9					AISI 303	25SLAW17RVX
	G 3/8	19		56	9					AISI 316 L	25SLAW17EVX
	G 1/2	24		59	12					AISI 303	25SLAW21RVX
	G 1/2	24		59	12					AISI 316 L	25SLAW21EVX
 Female Thread	G 1/4	19		54	10					AISI 303	25SLIW13RVX
	G 1/4	19		54	10					AISI 316 L	25SLIW13EVX
	G 3/8	19		53	9					AISI 303	25SLIW17RVX
	G 3/8	19		53	9					AISI 316 L	25SLIW17EVX
	G 1/2	24		56	12					AISI 303	25SLIW21RVX
	G 1/2	24		56	12					AISI 316 L	25SLIW21EVX
 Hose Barb	6 mm	19		75	25					AISI 303	25SLTF06RVX
	9 mm	19		72	25					AISI 303	25SLTF09RVX
	9 mm	19		72	25					AISI 316 L	25SLTF09EVX
	13 mm	19		72	25					AISI 303	25SLTF13RVX
	13 mm	19		72	25					AISI 316 L	25SLTF13EVX