

Nominal Diameter

**10** = 80 mm<sup>2</sup>

Rectus Series

**27****Technical Description**

1/2" universal industrial coupling with standard European profile for use with large pneumatic consumers. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The series stands out for its robust design, extremely high flow 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. SK27S

**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.

**Other designs in series 27**

The following other designs can be found from page:

- Brass / Steel P. 130
- Safety Self-Venting P. 296

**Working Pressure\*\***

35 bar

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



35 bar

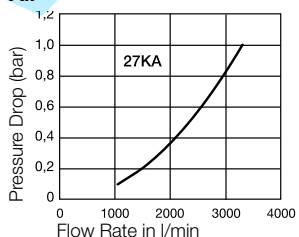
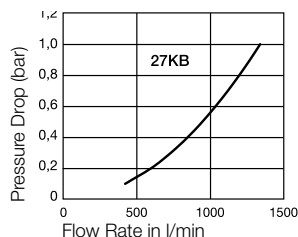
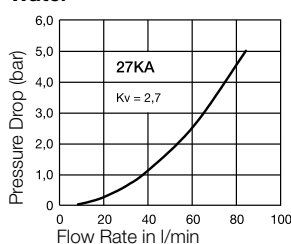
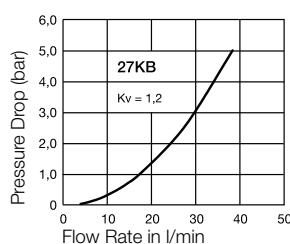
**Material**

**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  
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**Interchangeability**

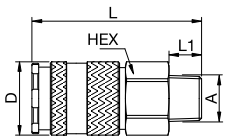
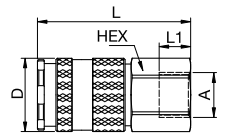
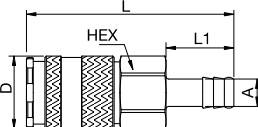
- Cejn 410

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



## Couplings – with valve

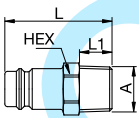
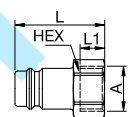
## Series 27KA

	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	24		57,5	9		27			AISI 303	27KAAW13RVX
	G 3/8	24		57,5	9		27			AISI 303	27KAAW17RVX
	G 3/8	24		57,5	9		27			AISI 316 L	27KAAW17EVX
	G 1/2	24		59,5	12		27			AISI 303	27KAAW21RVX
	G 1/2	24		59,5	12		27			AISI 316 L	27KAAW21EVX
	G 3/4	32		60,5	16		27			AISI 303	27KAAW26RVX
 Female Thread	G 3/4	32		60,5	16		27			AISI 316 L	27KAAW26EVX
	G 3/8	24		56,5	11		27			AISI 303	27KAIW17RVX
	G 3/8	24		56,5	11		27			AISI 316 L	27KAIW17EVX
	G 1/2	24		56,5	12		27			AISI 303	27KAIW21RVX
	G 1/2	24		56,5	12		27			AISI 316 L	27KAIW21EVX
	G 3/4	32		60,5	16		27			AISI 303	27KAIW26RVX
 Hose Barb	G 3/4	32		60,5	16		27			AISI 316 L	27KAIW26EVX
	8 mm	24		76,5	25		27			AISI 316 L	27KATF08EVX
	9 mm	24		76,5	25		27			AISI 303	27KATF09RVX
	9 mm	24		76,5	25		27			AISI 316 L	27KATF09EVX
	10 mm	24		76,5	25		27			AISI 316 L	27KATF10EVX
	13 mm	24		76,5	25		27			AISI 303	27KATF13RVX
	13 mm	24		76,5	25		27			AISI 316 L	27KATF13EVX
	16 mm	24		76,5	25		27			AISI 303	27KATF16RVX
	16 mm	24		76,5	25		27			AISI 316 L	27KATF16EVX
	19 mm	24		76,5	25		27			AISI 303	27KATF19RVX
	19 mm	24		76,5	25		27			AISI 316 L	27KATF19EVX



## Plugs – without valve

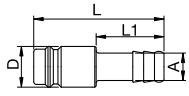
## Series 27KA

	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	17		36,5	9					AISI 303	27SFAW13RXX
	G 1/4	17		36,5	9					AISI 316 L	27SFAW13EXX
	G 3/8	19		36,5	9					AISI 303	27SFAW17RXX
	G 3/8	19		36,5	9					AISI 316 L	27SFAW17EXX
	G 1/2	24		40	12					AISI 303	27SFAW21RXX
	G 1/2	24		40	12					AISI 316 L	27SFAW21EXX
 Female Thread	G 3/4	32		45	16					AISI 303	27SFAW26RXX
	G 3/4	32		45	16					AISI 316 L	27SFAW26EXX
	G 3/8	19		33	9					AISI 303	27SFIW17RXX
	G 3/8	19		33	9					AISI 316 L	27SFIW17EXX
	G 1/2	24		37	12					AISI 303	27SFIW21RXX
	G 1/2	24		37	12					AISI 316 L	27SFIW21EXX
	G 3/4	32		42	16					AISI 303	27SFIW26RXX
	G 3/4	32		42	16					AISI 316 L	27SFIW26EXX



## Plugs – without valve

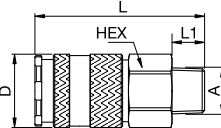
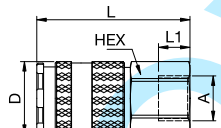
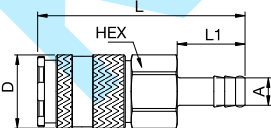
## Series 27KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Hose Barb	6 mm			48	25		15			AISI 303	27SFTF06RXX
	8 mm			48	25		15			AISI 303	27SFTF08RXX
	9 mm			48	25		15			AISI 303	27SFTF09RXX
	9 mm			48	25		15			AISI 316 L	27SFTF09EXX
	10 mm			48	25		15			AISI 303	27SFTF10RXX
	13 mm			48	25		15			AISI 303	27SFTF13RXX
	13 mm			48	25		15			AISI 316 L	27SFTF13EXX
	16 mm			49	25		18			AISI 303	27SFTF16RXX
	16 mm			49	25		18			AISI 316 L	27SFTF16EXX
	19 mm			49	25		21			AISI 303	27SFTF19RXX
	19 mm			49	25		21			AISI 316 L	27SFTF19EXX

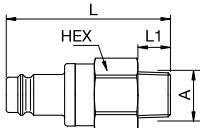
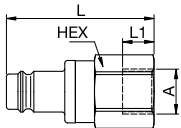
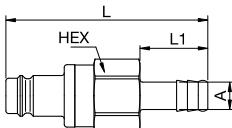


## Couplings – with valve

## Series 27KB

	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	24		57,5	9		27			AISI 303	27KBAW13RVX
	G 3/8	24		57,5	9		27			AISI 303	27KBAW17RVX
	G 3/8	24		57,5	9		27			AISI 316 L	27KBAW17EVX
	G 1/2	24		59,5	12		27			AISI 303	27KBAW21RVX
	G 1/2	24		59,5	12		27			AISI 316 L	27KBAW21EVX
	G 3/4	32		60,5	16		27			AISI 303	27KBAW26RVX
	G 3/4	32		60,5	16		27			AISI 316 L	27KBAW26EVX
 Female Thread	G 1/4	24		56,5	10		27			AISI 316 L	27KBIW13EVX
	G 3/8	24		56,5	11		27			AISI 303	27KBIW17RVX
	G 3/8	24		56,5	11		27			AISI 316 L	27KBIW17EVX
	G 1/2	24		56,5	12		27			AISI 303	27KBIW21RVX
	G 1/2	24		56,5	12		27			AISI 316 L	27KBIW21EVX
	G 3/4	32		60,5	16		27			AISI 303	27KBIW26RVX
	G 3/4	32		60,5	16		27			AISI 316 L	27KBIW26EVX
 Hose Barb	13 mm	24		76,5	25		27			AISI 303	27KBTF13RVX
	13 mm	24		76,5	25		27			AISI 316 L	27KBTF13EVX
	16 mm	24		76,5	25		27			AISI 303	27KBTF16RVX
	16 mm	24		76,5	25		27			AISI 316 L	27KBTF16EVX
	19 mm	24		76,5	25		27			AISI 303	27KBTF19RVX
	19 mm	24		76,5	25		27			AISI 316 L	27KBTF19EVX



	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 1/4	24		55,5	9					AISI 303	27SBAW13RVX
	G 3/8	24		55,5	9					AISI 303	27SBAW17RVX
	G 3/8	24		55,5	9					AISI 316 L	27SBAW17EVX
	G 1/2	24		57,5	12					AISI 303	27SBAW21RVX
	G 1/2	24		57,5	12					AISI 316 L	27SBAW21EVX
	G 3/4	32		58,5	16					AISI 303	27SBAW26RVX
	G 3/4	32		58,5	16					AISI 316 L	27SBAW26EVX
 <p>Female Thread</p>	G 1/4	24		54,5	10					AISI 303	27SBIW13RVX
	G 1/4	24		54,5	10					AISI 316 L	27SBIW13EVX
	G 3/8	24		54,5	10					AISI 303	27SBIW17RVX
	G 3/8	24		54,5	10					AISI 316 L	27SBIW17EVX
	G 1/2	24		54,5	12					AISI 303	27SBIW21RVX
	G 1/2	24		54,5	12					AISI 316 L	27SBIW21EVX
	G 3/4	32		58,5	16					AISI 303	27SBIW26RVX
	G 3/4	32		58,5	16					AISI 316 L	27SBIW26EVX
 <p>Hose Barb</p>	9 mm	24		74,5	25					AISI 303	27SBTF09RVX
	9 mm	24		74,5	25					AISI 316 L	27SBTF09EVX
	13 mm	24		74,5	25					AISI 303	27SBTF13RVX
	13 mm	24		74,5	25					AISI 316 L	27SBTF13EVX
	16 mm	24		74,5	25					AISI 303	27SBTF16RVX
	16 mm	24		74,5	25					AISI 316 L	27SBTF16EVX
	19 mm	24		74,5	25					AISI 303	27SBTF19RVX
	19 mm	24		74,5	25					AISI 316 L	27SBTF19EVX