



Technical Description

Rectus Tema premium industrial coupling 1/2" with standard European profile. Suitable for compressed air applications with greater than average air consumption. Above-average flow values compared with standard market products. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop.

Dust Protections  (P. 325) for Coupling Part.-No. SK27S

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.



Working Pressure**

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

35 bar

Material

Coupling: Brass nickel plated, Steel QPQ treated
Plug: Steel nickel plated
Seals: NBR

Coupling: Brass nickel plated
Plug: Brass nickel plated
Seals: NBR

Interchangeability

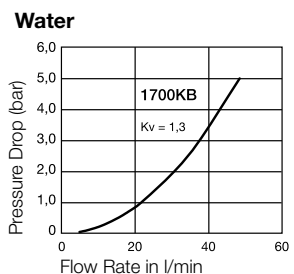
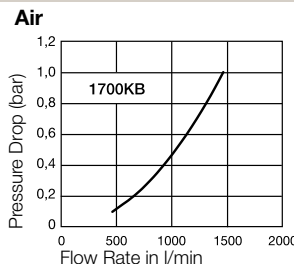
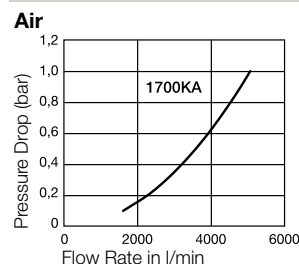
- Rectus 27
- Rectus 1727
- Cejn 410

Other designs in series 1700

The following other designs can be found from page:

- Stainless Steel P. 216
- Safety Self-Venting P. 296

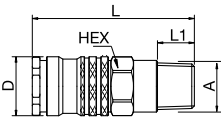
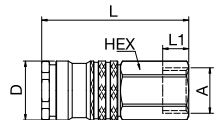
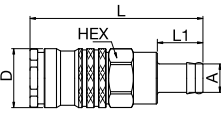
Flow diagrams





Couplings – with valve

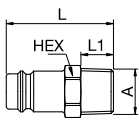
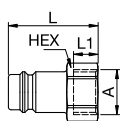
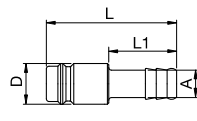
Series 1700KA

	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>	R 3/8	24		70	12		27				1700KAAK17SPN
	R 1/2	24		75	17		27				1700KAAK21SPN
	R 3/4	27		64	17		27				1700KAAK26SPN
 <p>Female Thread</p>	G 3/8	24		64,5	10		27				1700KAIW17SPN
	G 1/2	24		68	11		27				1700KAIW21SPN
	G 3/4	32		69	14		27				1700KAIW26SPN
 <p>Hose Barb</p>	10 mm	24		80	21		27				1700KATF10SPN
	13 mm	24		80	21		27				1700KATF13SPN
	16 mm	24		80	21		27				1700KATF16SPN



Plugs – without valve

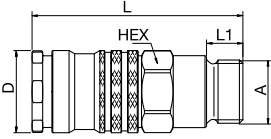
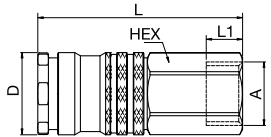
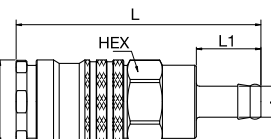
Series 27SF

	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>	R 1/4	17		40	12						27SFAK13SXN
	R 3/8	17		40	12						27SFAK17SXN
	R 1/2	22		45	17						27SFAK21SXN
	R 3/4	27		48	19						27SFAK26SXN
 <p>Female Thread</p>	G 1/4	17		33	9						27SFIW13SXN
	G 3/8	19		33	12						27SFIW17SXN
	G 1/2	24		37	12						27SFIW21SXN
	G 3/4	32		42	16						27SFIW26SXN
 <p>Hose Barb</p>	6 mm			48	25		15				27SFTF06SXN
	8 mm			48	25		15				27SFTF08SXN
	9 mm			48	25		15				27SFTF09SXN
	10 mm			48	25		15				27SFTF10SXN
	13 mm			48	25		15				27SFTF13SXN
	16 mm			48	25		18				27SFTF16SXN
19 mm			48	25		21				27SFTF19SXN	



Couplings – with valve

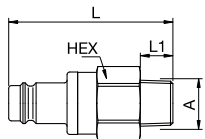
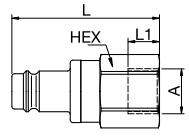
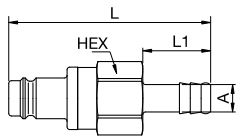
Series 1700KB

	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	24		64,5	7		27				1700KBAW17BPN
	G 1/2	24		69,5	12		27				1700KBAW21BPN
	G 3/4	30		73,5	16		27				1700KBAW26BPN
 <p>Female Thread</p>	G 3/8	24		67,5	12		27				1700KBIW17BPN
	G 1/2	24		67,5	12		27				1700KBIW21BPN
	G 3/4	32		73,5	16		27				1700KBIW26BPN
 <p>Hose Barb</p>	10 mm	24		79,5	21		27				1700KBTF10BPN
	13 mm	24		79,5	21		27				1700KBTF13BPN
	16 mm	24		79,5	21		27				1700KBTF16BPN
	19 mm	24		79,5	21		27				1700KBTF19BPN



Plugs – with valve

Series 27SB

	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>	R 1/4	24		60,5	12						27SBAK13MPN
	R 3/8	24		60,5	12						27SBAK17MPN
	R 1/2	24		62,5	17						27SBAK21MPN
	R 3/4	27		62,5	17						27SBAK26MPN
 <p>Female Thread</p>	G 1/4	24		54,5	9						27SBIW13MPN
	G 3/8	24		54,5	9						27SBIW17MPN
	G 1/2	24		54,5	12						27SBIW21MPN
	G 3/4	32		58,5	16						27SBIW26MPN
 <p>Hose Barb</p>	6 mm	24		74	25						27SBTF06MPN
	8 mm	24		74	25						27SBTF08MPN
	9 mm	24		74	25						27SBTF09MPN
	10 mm	24		74	25						27SBTF10MPN
	13 mm	24		74	25						27SBTF13MPN
	16 mm	24		74	25						27SBTF16MPN
	19 mm	24		74	25						27SBTF19MPN