

Brass/Steel

Nominal Diameter

**7,8** = 48 mm<sup>2</sup>



Rectus Series

**1600**

Low Pressure



Premium industrial coupling 3/8" with European standard profile. Suitable for compressed air applications with greater than average air consumption. Coupling system with single-hand operation. Ultra High Flow valve for optimum flow and low pressure drop.

Series 1600 with additional end connections available on request.

**Dust Protections** (P. 250)  
for Coupling Part.-No. SK23S  
for Plug Part.-No. SK12S

**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.

**Other designs in series 1600**

The following other designs can be found from page:

- Safety Self-Venting P. 230



**Working Pressure\*\***

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

**Material**

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

**Technical Description**

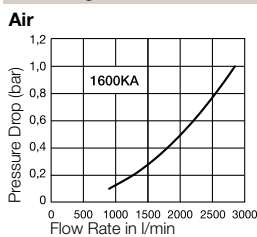
**Connecting Force 0 bar:** 30 N  
**Connecting Force 6 bar:** 75 N

**Vacuum Coupling:** 87%  
**Vacuum connected:** 87%

**Interchangeability (KA only)**

- Rectus 25 + 26
- Rectus 1625
- Cejin 320
- JWL 520 + JWL 530
- various German Products

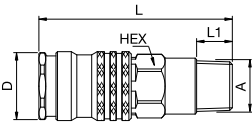
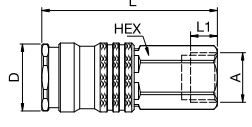
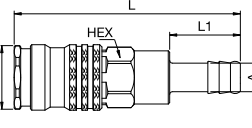
**Flow diagrams**





### Coupling – with valve

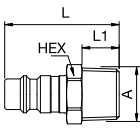
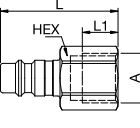
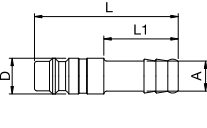
### Series 1600KA

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	R 1/4	19	65	12	23	1600KAAK13SPN
	R 3/8	19	65	12	23	1600KAAK17SPN
	R 1/2	22	59,5	17	23	1600KAAK21SPN
 Female Thread	G 1/4	19	59	9	23	1600KAIW13SPN
	G 3/8	19	59	9	23	1600KAIW17SPN
	G 1/2	24	62	12	23	1600KAIW21SPN
 Hose Barb	6 mm	19	80	25	23	1600KATF06SPN
	8 mm	19	80	25	23	1600KATF08SPN
	9 mm	19	80	25	23	1600KATF09SPN
	10 mm	19	80	25	23	1600KATF10SPN
	13 mm	19	80	25	23	1600KATF13SPN



### Plugs – without valve

### Series 25SF

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	R 1/8	13	33	9		25SFAK10SXZ
	R 1/4	14	37	12		25SFAK13SXZ
	R 3/8	17	37	12		25SFAK17SXZ
	R 1/2	22	43	17		25SFAK21SXZ
 Female Thread	G 1/8	14	30	7		25SFIW10SXZ
	G 1/4	17	38,5	9		25SFIW13SXZ
	G 3/8	19	39,5	9		25SFIW17SXZ
	G 1/2	24	44	12		25SFIW21SXZ
 Hose Barb	6 mm		48	25	12	25SFTF06SXZ
	8 mm		48	25	12	25SFTF08SXZ
	9 mm		48	25	12	25SFTF09SXZ
	10 mm		48	25	12	25SFTF10SXZ
	13 mm		48	25	15	25SFTF13SXZ

⚠ Please consider our security advices on the pages 12/13 ⚠

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