Nominal Diameter

7,8 = 48 mm²

Rectus Series

1600



energy saver

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

KA Single Shut-Off

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

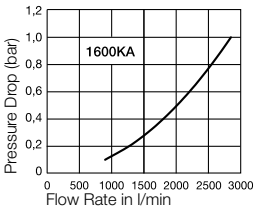
Vacuum Coupling: 87%
Vacuum connected: 87%

Interchangeability (KA only)

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

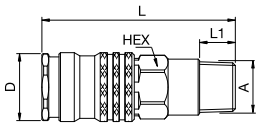
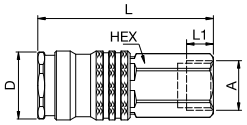
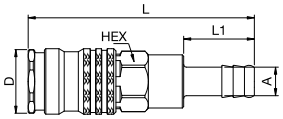
Flow diagrams

Air

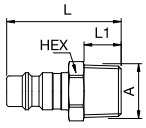
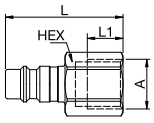
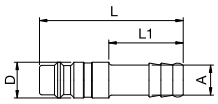


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Coupling – with valve — Series 1600KA

	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 ⚠