Nominal Diameter

7,8 = 48 mm²

Rectus Series

1600



Safety coupling with a self-venting system. Self-venting takes place during disconnection – no risk of pressurised hoses being tossed around. When the sleeve is pulled back, the plug is released yet remains locked in. The coupling valve closes and the air is vented from the air line at the same time. Only then, by operating the sleeve again, can uncoupling take place safely. The system fulfils the requirements of ISO 4414 – increased safety standards in the work place. DIN EN 983. Ultra High Flow valve for optimum flow and low pressure drop.

Series 1600 with additional end connections available on request.

Safety Note
Reliable functioning can only be guaranteed in conjunction with original Parker Rectus plugs made of steel.

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:

➤ Brass / Steel P. 76

KE Self-Venting System

Working Pressure**

2-12 bar
** maximum static working pressure with design factor 4 to 1.

Material

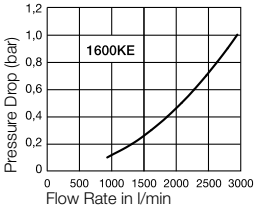
Coupling: Brass / Steel nickel plated
Plug: Steel zinc plated
Seals: NBR

Technical Description

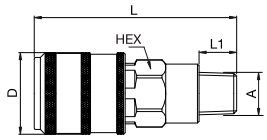
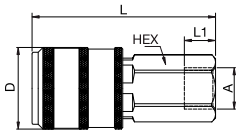
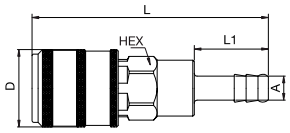
Connecting Force 0 bar: 30 N
Connecting Force 6 bar: 75 N

Flow diagrams

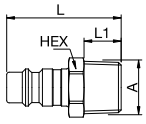
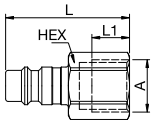
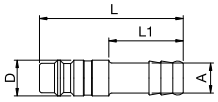
Air



Couplings – with valve — Series 1600KE

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	R 1/4	19	64,5	12	26	1600KEAK13SPN
	R 3/8	19	64,5	12	26	1600KEAK17SPN
	R 1/2	22	59	17	26	1600KEAK21SPN
 Female Thread	G 1/4	19	59	10	26	1600KEIW13SPN
	G 3/8	19	59	9	26	1600KEIW17SPN
	G 1/2	24	61,5	12	26	1600KEIW21SPN
 Hose Barb	6 mm	19	79,5	25	26	1600KETF06SPN
	9 mm	19	79,5	25	26	1600KETF09SPN
	10 mm	19	79,5	25	26	1600KETF10SPN
	13 mm	19	79,5	25	26	1600KETF13SPN

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	12	25SFTF13SXZ

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