

Nominal Diameter

7,4 = 43 mm<sup>2</sup>

Tema Series

1300



energy saver

**Other designs in series 1300**

The following other designs can be found from page:

- Stainless Steel P. 146

**Interchangeability (KA only)**

- Cejn 303

Series 1300 is used mainly for applications in the area of compressed air and liquids. Optimally suited to smaller to medium-sized pneumatic systems and to compressed air tools. The coupling series stands out for its compact design and high flow rates with the Ultra High Flow valve. Coupling body made of nitrocarburized steel.

Series 1300 with additional end connections available on request.

**Dust Protections**  (P. 250)  
for Coupling Part.-No. 1315-QC  
for Plug Part.-No. 1325-QC

**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.

50 bar

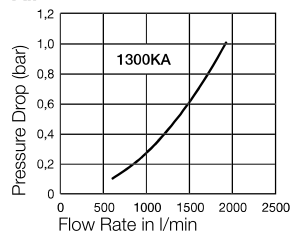
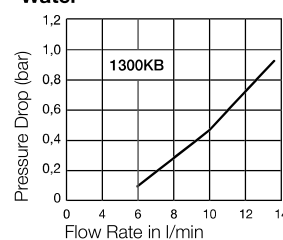
**Features**

- Single-hand operation
- Two-hand operation
- Special sealing system in the coupling increases the service life of the coupling

**Material**

**Coupling:** Brass nickel plated and chrome plated  
**Plug:** Steel zinc plated  
**Seals:** NBR

**Coupling:** Brass nickel plated and chrome plated  
**Plug:** Brass nickel plated and chrome plated  
**Seals:** NBR

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



## Couplings – with valve

## Series 1300KA

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
<p>Male Thread</p>	R 1/4	19	58	12	22	1300KAAK13MPN
	R 3/8	19	56	12	22	1300KAAK17MPN
	R 1/2	23	59	14	26	1300KAAK21MPN
<p>Female Thread</p>	G 1/4	19	55	9	22	1300KAIW13MPN
	G 3/8	20	55	10	22	1300KAIW17MPN
<p>Hose Barb</p>	6 mm	19	78	23	22	1300KATF06MPN
	8 mm	19	78	23	22	1300KATF08MPN
	10 mm	19	78	23	22	1300KATF10MPN
	13 mm	19	77	24	22	1300KATF13MPN



## Plugs – without valve

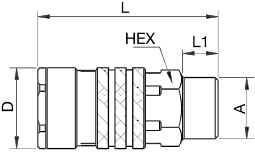
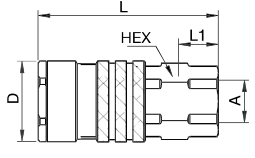
## Series 1300KA

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
<p>Male Thread</p>	R 1/8	13	35	9		1300SFAK10SXZ
	R 1/4	17	38	12		1300SFAK13SXZ
	G 1/4	17	35	12		1300SFAW13SXZ
	R 3/8	17	38	12		1300SFAK17SXZ
	R 1/2	22	40	14		1300SFAK21SXZ
<p>Female Thread</p>	G 1/8	13	32	8,5		1300SFIW10SXZ
	G 1/4	17	36	10		1300SFIW13SXZ
	G 3/8	22	36	10		1300SFIW17SXZ
	G 1/2	27	39	12		1300SFIW21SXZ
<p>Hose Barb</p>	6 mm		44	23	12	1300SFTF06SXZ
	8 mm		44	23	12	1300SFTF08SXZ
	10 mm		44	24	12	1300SFTF10SXZ
	12 mm		47	23	12	1300SFTF12SXZ
<p>Recoil Eliminator, with Female Thread</p>	G 1/4	20	53	12		1300SRIW13SXZ



## Couplings – with valve

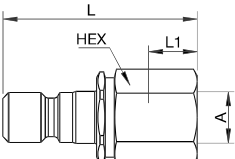
Series 1300KB

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Male Thread</p>	G 3/8	18	49	7,5	22	1300KBAW17MPN
 <p>Female Thread</p>	G 1/4	18	49	8	22	1300KBIW13MPN
	G 3/8	18	50	8	22	1300KBIW17MPN



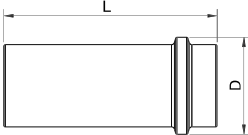
## Plugs – with valve

Series 1300KB





	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Female Thread</p>	G 1/4	18	44	9		1300SBIW13MPC

## Protective Sleeve

Series 1300KB

	Description	L mm	D mm	Material	Color	Part Number
 <p>Female Thread</p>	for Couplings 1300KB	73	33	EBA	blue	1300-351

# Cross-Reference-List

Connection	Thread	Rectus Part Number old	Tema Part Number old	Part Number new	Page
 <b>Couplings – with valve</b>					
Male Thread	R 1/4	31KAAK13SPN	1300 EC	<b>1300KAAK13MPN</b>	65
	R 3/8	31KAAK17SPN	1300 EA	<b>1300KAAK17MPN</b>	65
	R 1/2	31KAAK21SPN	1300 ED	<b>1300KAAK21MPN</b>	65
Female Thread	G 1/4	31KAIW13SPN	1300 E	<b>1300KAIW13MPN</b>	65
	G 3/8	31KAIW17SPN	1300 EB	<b>1300KAIW17MPN</b>	65
Hose Barb	6 mm	31KATF06SPN	1300 EK06	<b>1300KATF06MPN</b>	65
	8 mm	31KATF08SPN	1300 EK08	<b>1300KATF08MPN</b>	65
	10 mm	31KATF10SPN	1300 EK10	<b>1300KATF10MPN</b>	65
	13 mm	31KATF13SPN	1300 EK12	<b>1300KATF13MPN</b>	65
 <b>Plugs – without valve</b>					
Male Thread	R 1/8	31SFAK10SXZ	13110-QC	<b>1300SFAK10SXZ</b>	65
	R 1/4	31SFAK13SXZ	13210 A	<b>1300SFAK13SXZ</b>	65
	G 1/4	31SFAW13SXZ	13210-QC	<b>1300SFAW13SXZ</b>	65
	R 3/8	31SFAK17SXZ	13220	<b>1300SFAK17SXZ</b>	65
	R 1/2	31SFAK21SXZ	13230	<b>1300SFAK21SXZ</b>	65
Female Thread	G 1/8	31SFIW10SXZ	13405	<b>1300SFIW10SXZ</b>	65
	G 1/4	31SFIW13SXZ	13410	<b>1300SFIW13SXZ</b>	65
	G 3/8	31SFIW17SXZ	13420	<b>1300SFIW17SXZ</b>	65
	G 1/2	31SFIW21SXZ	13430-QC	<b>1300SFIW21SXZ</b>	65
Hose Barb	6 mm	31SFTF06SXZ	13006	<b>1300SFTF06SXZ</b>	65
	8 mm	31SFTF08SXZ	13008-QC	<b>1300SFTF08SXZ</b>	65
	10 mm	31SFTF10SXZ	13010-QC	<b>1300SFTF10SXZ</b>	65
	12 mm	31SFTF13SXZ	13012-QC	<b>1300SFTF12SXZ</b>	65
Recoil Eliminator	G 1/4	-	13410 S	<b>1300SRIW13SXZ</b>	65
 <b>Couplings – with valve</b>					
Male Thread	G 3/8	-	1300 NA	<b>1300KBAW17MPN</b>	66
Female Thread	G 1/4	-	1300 N	<b>1300KBIW13MPN</b>	66
	G 3/8	-	1300 NB	<b>1300KBIW17MPN</b>	66
 <b>Plugs – with valve</b>					
Female Thread	G 1/4	-	13410 MN	<b>1300SBIW13MPC</b>	66