

Nominal Diameter

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



Tema Series

1300



**Other designs in series 1300**

The following other designs can be found from page:

- Stainless Steel P. 204

**Technical Description**

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 UltraFlo valve. Coupling body made of nitrocarburi- zed steel.

**Dust Protections**  (P. 319)

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 pres- sure with safety 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

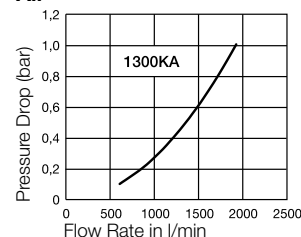
**Coupling:** Brass nickel plated and chrome plated  
**Plug:** Brass nickel plated and chrome plated  
**Seals:** NBR

**Interchangeability**

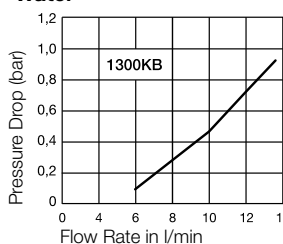
- Rectus Serie 31
- Cejn 303

**Flow diagrams**

**Air**



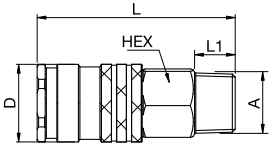
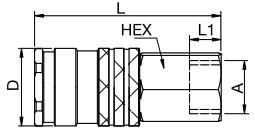
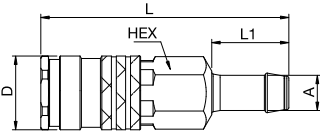
**Water**





## Couplings – with valve

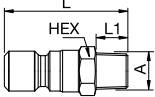
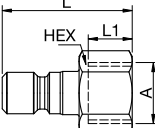
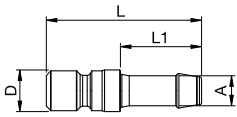
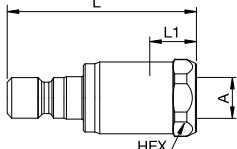
Series 1300KA

	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	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	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	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	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
<p>Male Thread</p>	R 3/8	18		49	7,5		22				1300KBAK17MPN
<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	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
<p>Female Thread</p>	G 1/4	18		44	9						1300SBIW13MPC

## Protective Sleeve

Series 1300KB

	Description	L mm	L1 mm	L2 mm	D mm	B 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>	75
	R 3/8	31KAAK17SPN	1300 EA	<b>1300KAAK17MPN</b>	75
	R 1/2	31KAAK21SPN	1300 ED	<b>1300KAAK21MPN</b>	75
Female Thread	G 1/4	31KAIW13SPN	1300 E	<b>1300KAIW13MPN</b>	75
	G 3/8	31KAIW17SPN	1300 EB	<b>1300KAIW17MPN</b>	75
Hose Barb	6 mm	31KATF06SPN	1300 EK06	<b>1300KATF06MPN</b>	75
	8 mm	31KATF08SPN	1300 EK08	<b>1300KATF08MPN</b>	75
	10 mm	31KATF10SPN	1300 EK10	<b>1300KATF10MPN</b>	75
	13 mm	31KATF13SPN	1300 EK12	<b>1300KATF13MPN</b>	75
 <b>Plugs – without valve</b>					
Male Thread	R 1/8	31SFAK10SXZ	13110-QC	<b>1300SFAK10SXZ</b>	75
	R 1/4	31SFAK13SXZ	13210 A	<b>1300SFAK13SXZ</b>	75
	G 1/4	31SFAW10SXZ	13210-QC	<b>1300SFAW13SXZ</b>	75
	R 3/8	31SFAK17SXZ	13220	<b>1300SFAK17SXZ</b>	75
	R 1/2	31SFAK21SXZ	13230	<b>1300SFAK21SXZ</b>	75
Female Thread	G 1/8	31SFIW10SXZ	13405	<b>1300SFIW10SXZ</b>	75
	G 1/4	31SFIW13SXZ	13410	<b>1300SFIW13SXZ</b>	75
	G 3/8	31SFIW17SXZ	13420	<b>1300SFIW17SXZ</b>	75
	G 1/2	31SFIW21SXZ	13430-QC	<b>1300SFIW21SXZ</b>	75
Hose Barb	6 mm	31SFTF06SXZ	13006	<b>1300SFTF06SXZ</b>	75
	8 mm	31SFTF08SXZ	13008-QC	<b>1300SFTF08SXZ</b>	75
	10 mm	31SFTF10SXZ	13010-QC	<b>1300SFTF10SXZ</b>	75
	12 mm	31SFTF13SXZ	13012-QC	<b>1300SFTF12SXZ</b>	75
Recoil Eliminator	G 1/4	-	13410 S	<b>1300SRIW13SXZ</b>	75
 <b>Couplings – with valve</b>					
Male Thread	R 3/8	-	1300 NA	<b>1300KBAK17MPN</b>	76
Female Thread	G 1/4	-	1300 N	<b>1300KBIW13MPN</b>	76
	G 3/8	-	1300 NB	<b>1300KBIW17MPN</b>	76
 <b>Plugs – with valve</b>					
Female Thread	G 1/4	-	13410 MN	<b>1300SBIW13MPC</b>	76