

Nominal Diameter

**10** = 80 mm<sup>2</sup>

Tema Series

**1800****Other designs in series 1800**


The following other designs can be found from page:

► Stainless Steel

P. 220

**Technical Description**

Series 1800 is used mainly for applications in the area of compressed air and liquids. The coupling system stands out for its robust, compact design, high flow and high corrosion resistance due to the Ultra HighFlow valve.

**Dust Protections**  (P. 319)

for Coupling Part.-No. 5026-QC  
for Plug Part.-No. 2526-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 safety factor 4 to 1.

50 bar

**Features**

- Single-hand operation
- Particularly suited to medium-sized to large pneumatic systems and compressed air tools
- Two-hand operation
- Special disc shape of the main seal in the coupling extends the durability
- Particularly suited to applications in the area of liquids, which require a coupling that is simple and easy to handle

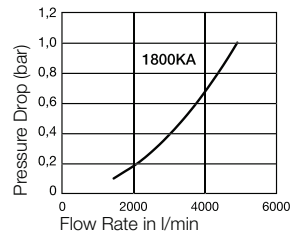
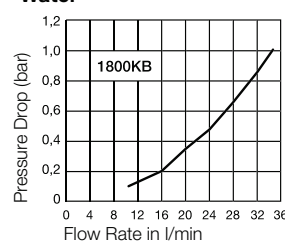
**Material**

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

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

**Interchangeability**

- Rectus 32
- Cejn 408

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



## Couplings – with valve

## Series 1800KA

	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	23		69	11		27				1800KAAK17MPN
	R 1/2	23		69	13		27				1800KAAK21MPN
	R 3/4	27		73	15		27				1800KAAK26MPN
<p>Female Thread</p>	G 3/8	23		65	10		27				1800KAIW17MPN
	G 1/2	25		65	10		27				1800KAIW21MPN
	G 3/4	30		67	11		27				1800KAIW26MPN
<p>Hose Barb</p>	10 mm	23		82	23		27				1800KATF10MPN
	13 mm	23		82	24		27				1800KATF13MPN
	16 mm	23		82	24		27				1800KATF16MPN
	19 mm	23		82	24		27				1800KATF19MPN



## Plugs – without valve

## Series 1800KA

	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	16		36	10						1800SFAK10SXZ
	R 1/4	16		39	12						1800SFAK13SXZ
	G 1/4	16		35	9						1800SFAW13SXZ
	R 3/8	17		38	12						1800SFAK17SXZ
	G 3/8	17		36	10						1800SFAW17SXZ
	R 1/2	22		40	14						
<p>Female Thread</p>	R 3/4	27		43	16						1800SFAK26SXZ
	G 1/4	16		36	10						1800SFIW13SXZ
	G 3/8	20		36	10						1800SFIW17SXZ
<p>Hose Barb</p>	G 1/2	25		39	12						1800SFIW21SXZ
	6 mm			44	23		16				1800SFTF06SXZ
	8 mm			44	23		16				1800SFTF08SXZ
	10 mm			44	23		16				1800SFTF10SXZ
	13 mm			45	24		16				1800SFTF12SXZ
	16 mm			47	24		18				
	19 mm			47	24		23				1800SFTF19SXZ

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



## Couplings – with valve

## Series 1800KB

	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 1/2	22		54	10		27				1800KBAK21MPN
<p>Female Thread</p>	G 3/8	22		54	9		27				1800KBIW17MPN
	G 1/2	25		55	9		27				1800KBIW21MPN
	G 3/4	30		57	11		27				1800KBIW26MPN



## Plugs – with valve

## Series 1800KB



	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>	G 1/2	22		47	19						1800SBAK21MPC
<p>Female Thread</p>	G 3/8	22		49	10						1800SBIW17MPC
	G 3/4	30		54	12						1800SBIW26MPC

## Protective Sleeve



## Series 1800KB

	Description	L mm	D mm	Version	Color	Part Number
	for Couplings 1800KB	78	38	EBA	blue	1800-351

## 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 3/8		1800 ED	<b>1800KAAK17MPN</b>	141
	R 1/2	32KAAK21MPN	1800 EA	<b>1800KAAK21MPN</b>	141
	R 3/4		1800 EF	<b>1800KAAK26MPN</b>	141
Female Thread	G 3/8	32KAIW17MPN	1800 E	<b>1800KAIW17MPN</b>	141
	G 1/2	32KAIW21MPN	1800 EB	<b>1800KAIW21MPN</b>	141
	G 3/4		1800 EC	<b>1800KAIW26MPN</b>	141
Hose Barb	10 mm	32KATF10MPN	1800 EK10	<b>1800KATF10MPN</b>	141
	13 mm	32KATF13MPN	1800 EK12	<b>1800KATF13MPN</b>	141
	16 mm	32KATF16MPN	1800 EK16	<b>1800KATF16MPN</b>	141
	19 mm	32KATF19MPN	1800 EK19	<b>1800KATF19MPN</b>	141
 <b>Plugs – without valve</b>					
Male Thread	R 1/8		18105	<b>1800SFAK10SXZ</b>	141
	R 1/4	32SFAK13SXZ	18110 A	<b>1800SFAK13SXZ</b>	141
	G 1/4		18110	<b>1800SFAW13SXZ</b>	141
	R 3/8	32SFAK17SXZ	18210 A	<b>1800SFAK17SXZ</b>	141
	G 3/8		18210	<b>1800SFAW17SXZ</b>	141
	R 1/2	32SFAK21SXZ	18220	<b>1800SFAK21SXZ</b>	141
	G 1/2		18230	<b>1800SFAK26SXZ</b>	141
Female Thread	G 1/4	32SFIW13SXZ	18405	<b>1800SFIW13SXZ</b>	141
	G 3/8	32SFIW17SXZ	18410	<b>1800SFIW17SXZ</b>	141
	G 1/2	32SFIW21SXZ	18420	<b>1800SFIW21SXZ</b>	141
Hose Barb	6 mm	32SFTF06SXZ	18006	<b>1800SFTF06SXZ</b>	141
	8 mm	32SFTF08SXZ	18008	<b>1800SFTF08SXZ</b>	141
	10 mm	32SFTF10SXZ	18010	<b>1800SFTF10SXZ</b>	141
	12 mm		18012	<b>1800SFTF12SXZ</b>	141
	16 mm	32SFTF16SXZ	18016	<b>1800SFTF16SXZ</b>	141
	19 mm	32SFTF19SXZ	18019	<b>1800SFTF19SXZ</b>	141

## 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 1/2		1800 NA	<b>1800KBAK21MPN</b>	142
Female Thread	G 3/8		1800 N	<b>1800KBIW17MPN</b>	142
	G 1/2		1800 NB	<b>1800KBIW21MPN</b>	142
	G 3/4		1800 NC	<b>1800KBIW26MPN</b>	142
 <b>Plugs – with valve</b>					
Male Thread	G 1/2		18420 MN	<b>1800SBAK21MPC</b>	142
Female Thread	G 3/8		18410 MN	<b>1800SBIW17MPC</b>	142
	G 3/4		18430 MN	<b>1800SBIW26MPC</b>	142