

Nominal Diameter

**4** = 12,5 mm<sup>2</sup>

Rectus Series

**204****Other designs in series 204**

The following other designs can be found from page:

► Brass / Steel P. 26

**Technical Description**

Leak-free coupling system for applications in sensitive environments, for example in analysis technology, in cooling systems, in transport systems and many applications with aggressive media.

Coupling system with single-hand operation, extremely low leakage rates and minimal dead space volume. Absolutely no air pockets when coupling and only a barely noticeable film of the medium being channelled on the valve bodies when uncoupling. Ergonomic sleeve design. Low coupling forces. Valve body protected by collar design.

**Working Temperature\***

-15°C up to +200°C (FKM) depending on the medium.

\* For temperatures below -15°C and over +200°C and depending on the medium, other seal variants (EPDM, FFKM) are available.

**Working Pressure\*\***

15 bar

\*\* maximum static working pressure with safety factor 4 to 1.

**Material**

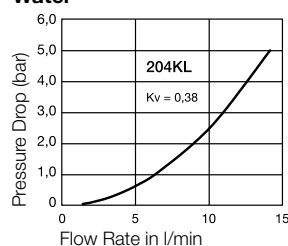
**Coupling:** AISI 316 L

**Plug:** AISI 316 L

**Seals:** FKM

**Interchangeability**

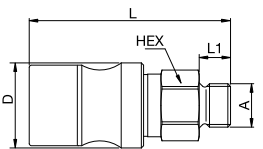
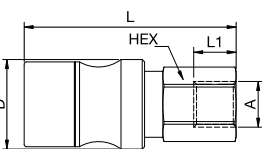
- Rectus Design

**Flow diagrams****Water**



## Couplings – flat-sealing

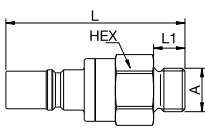
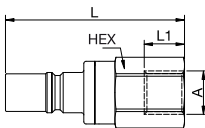
Series 204KL

	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 1/8	14		45	7		19				204KLAW10EVX
	G 1/4	17		47	9		19				204KLAW13EVX
 <p>Female Thread</p>	G 1/8	14		45	9		19				204KLIW10EVX
	G 1/4	17		47	9		19				204KLIW13EVX



## Plugs – flat-sealing

Series 204KL

	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 1/8	14		40	7						204SLAW10EVX
	G 1/4	17		42	9						204SLAW13EVX
 <p>Female Thread</p>	G 1/8	14		40	9						204SLIW10EVX
	G 1/4	17		42	9						204SLIW13EVX



**Other designs in series 21**

The following other designs can be found from page:

- ▶ Brass / Steel P. 30
- ▶ Thermoplastic P. 232
- ▶ Medical Technology (MD) P. 256
- ▶ Safety P. 270
- ▶ Coded Systems P. 298

**Technical Description**

Mini industrial coupling with the world's most popular profile in this nominal diameter. Above average flow performance for liquid and gaseous media. Coupling system with single-hand operation. Small dimensions and large band width in materials and valve variants.

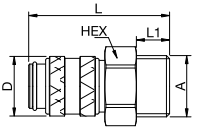
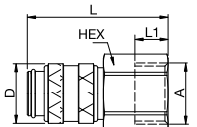
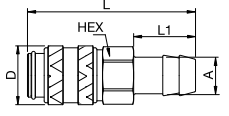
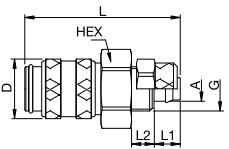
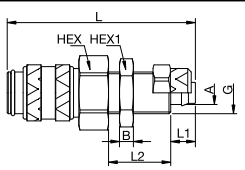
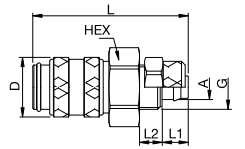
**Dust Protections** (P. 319)  
for Coupling Part.-No. SK16S

**Working Temperature\***  
-15°C up to +200°C (FKM)  
depending on the medium.

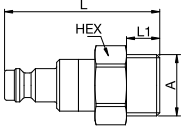
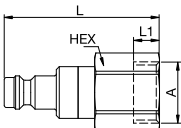
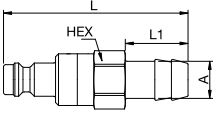
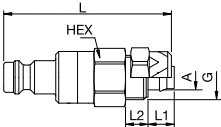
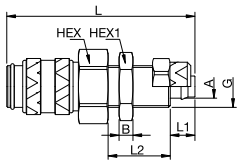
\* For temperatures below -15°C and over +200°C and depending on the medium, other seal variants (EPDM, FFKM) are available.

<b>KA</b> Single Shut-Off	<b>KB</b> Double Shut-Off	<b>KL</b> Leak-Free
<b>Working Pressure**</b>	35 bar	8 bar
** maximum static working pressure with safety factor 4 to 1.		
<b>Features</b>	<ul style="list-style-type: none"> <li>All variants interchangeable</li> </ul>	<ul style="list-style-type: none"> <li>Minimal, almost imperceptible leakage when uncoupling</li> <li>No air locked into the system during the coupling process</li> </ul>
<b>Material</b>	<b>Coupling:</b> AISI 303 / AISI 316 L <b>Plug:</b> AISI 303 / AISI 316 L <b>Seals:</b> FKM	<b>Coupling:</b> AISI 303 / AISI 316 L <b>Plug:</b> AISI 303 / AISI 316 L <b>Seals:</b> FKM
<b>Interchangeability</b>		
<ul style="list-style-type: none"> <li>Camozzi</li> <li>EWO</li> <li>Kani</li> </ul>		
<b>Flow diagrams</b>		
<b>Air</b>	<b>Air</b>	
<b>Water</b>	<b>Water</b>	<b>Water</b>

**Couplings – flat-sealing** **Series 21KL**

	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 1/8	14		36	7		16			AISI 303	21KLAW10RVX
	G 1/8	14		36	7		16			AISI 316 L	21KLAW10EVX
	G 1/4	17		38	9		16			AISI 303	21KLAW13RVX
	G 1/4	17		38	9		16			AISI 316 L	21KLAW13EVX
	G 3/8	19		38	9		16			AISI 303	21KLAW17RVX
	G 3/8	19		38	9		16			AISI 316 L	21KLAW17EVX
 <p>Female Thread</p>	G 1/8	14		36	9		16			AISI 303	21KLIW10RVX
	G 1/8	14		36	9		16			AISI 316 L	21KLIW10EVX
	G 1/4	17		38	9		16			AISI 303	21KLIW13RVX
	G 1/4	17		38	9		16			AISI 316 L	21KLIW13EVX
 <p>Hose Barb</p>	6 mm	14		46	17		16			AISI 316 L	21KLTF06EVX
	8 mm	14		46	17		16			AISI 303	21KLTF08RVX
	8 mm	14		46	17		16			AISI 316 L	21KLTF08EVX
	9 mm	14		46	17		16			AISI 303	21KLTF09RVX
	9 mm	14		46	17		16			AISI 316 L	21KLTF09EVX
	10 mm	14		46	17		16			AISI 316 L	21KLTF10EVX
	6 mm Parker	14		50	20		16			AISI 303	21KLTP06RVX
 <p>with Plastic Hose Connection</p>	4 x 6 mm	14		42	7	6	16		M 10 x 1	AISI 303	21KLKO06RVX
	4 x 6 mm	14		42	7	6	16		M 10 x 1	AISI 316 L	21KLKO06EVX
	6 x 8 mm	14		42	7	6	16		M 12 x 1	AISI 303	21KLKO08RVX
	6 x 8 mm	14		42	7	6	16		M 12 x 1	AISI 316 L	21KLKO08EVX
 <p>Panel Mount with Plastic Hose Connection</p>	4 x 6 mm	14	14	54	7	18	16	4	M 10 x 1	AISI 303	21KLKS06RVX
	4 x 6 mm	14	14	54	7	18	16	4	M 10 x 1	AISI 316 L	21KLKS06EVX
	6 x 8 mm	17	17	54	7	18	16	4	M 12 x 1	AISI 303	21KLKS08RVX
 <p>Panel Mount with Hose Barb</p>	8 mm	17	17	60	17	14	16		M 12 x 1	AISI 303	21KLTS08RVX



	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 1/8	14		40	7					AISI 303	21SLAW10RVX
	G 1/8	14		40	7					AISI 316 L	21SLAW10EVX
	G 1/4	17		42	9					AISI 303	21SLAW13RVX
	G 1/4	17		42	9					AISI 316 L	21SLAW13EVX
	G 3/8	19		42	9					AISI 303	21SLAW17RVX
	G 3/8	19		42	9					AISI 316 L	21SLAW17EVX
 <p>Female Thread</p>	G 1/8	14		40	9					AISI 303	21SLIW10RVX
	G 1/8	14		40	9					AISI 316 L	21SLIW10EVX
 <p>Hose Barb</p>	5 mm	14		50	17					AISI 316 L	21SLTF05EVX
	6 mm	14		50	17					AISI 303	21SLTF06RVX
	6 mm	14		50	17					AISI 316 L	21SLTF06EVX
	9 mm	14		50	17					AISI 316 L	21SLTF09EVX
	10 mm	14		50	17					AISI 303	21SLTF10RVX
	10 mm	14		50	17					AISI 316 L	21SLTF10EVX
	6 mm Parker	14		54	20					AISI 303	21SLTP06RVX
 <p>with Plastic Hose Connection</p>	4 x 6 mm	14		46	7	6			M 10 x 1	AISI 303	21SLKO06RVX
	4 x 6 mm	14		46	7	6			M 10 x 1	AISI 316 L	21SLKO06EVX
	6 x 8 mm	14		46	7	6			M 12 x 1	AISI 303	21SLKO08RVX
	6 x 8 mm	14		46	7	6			M 12 x 1	AISI 316 L	21SLKO08EVX
 <p>Panel Mount with Plastic Hose Connection</p>	6 x 8 mm	17	17	58	7	18		4	M 12 x 1	AISI 303	21SLKS08RVX

Nominal Diameter

**6** = 28 mm<sup>2</sup>

Rectus Series

**206****Other designs in series 206**

The following other designs can be found from page:

► Brass / Steel

P. 74

**Technical Description**

Leak-free coupling system for applications in sensitive environments, for example in analysis technology, in cooling systems, in transport systems and many applications with aggressive media.

Coupling system with single-hand operation, extremely low leakage rates and minimal dead space volume. Absolutely no air pockets when coupling and only a barely noticeable film of the medium being channelled on the valve bodies when uncoupling. Ergonomic sleeve design. Low coupling forces. Valve body protected by collar design.

**Working Temperature\***

-15°C up to +200°C (FKM)  
depending on the medium.

\* For temperatures below -15°C and over +200°C and depending on the medium, other seal variants (EPDM, FFKM) are available.

**Working Pressure\*\***

15 bar

\*\* maximum static working pressure with safety factor 4 to 1.

**Material**

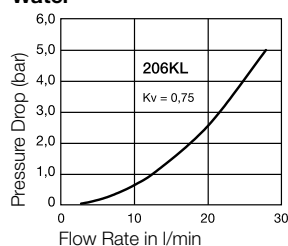
**Coupling:** AISI 316 L

**Plug:** AISI 316 L

**Seals:** FKM

**Interchangeability**

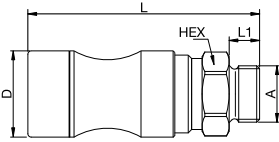
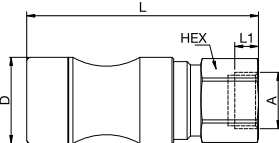
- Rectus Design

**Flow diagrams****Water**



## Couplings – flat-sealing

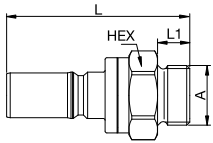
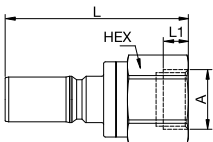
Series 206KL

	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 3/8	22		68,5	9		25,5				206KLAW17EVX
	G 1/2	24		71,5	12		25,5				206KLAW21EVX
 <p>Female Thread</p>	G 3/8	22		68,5	9		25,5				206KLIW17EVX
	G 1/2	24		71,5	12		25,5				206KLIW21EVX



## Plugs – flat-sealing

Series 206KL

	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 3/8	22		55	9						206SLAW17EVX
	G 1/2	24		54	12						206SLAW21EVX
 <p>Female Thread</p>	G 3/8	22		51	9						206SLIW17EVX
	G 1/2	24		54	12						206SLIW21EVX



**Other designs in series 25**

The following other designs can be found from page:

- ▶ Brass / Steel P. 98
- ▶ Safety P. 274
- ▶ Safety Self-Venting P. 294
- ▶ Coded Systems P. 302

**Technical Description**




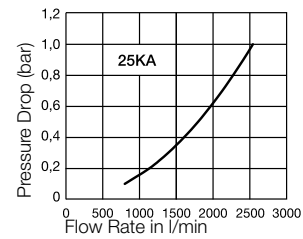
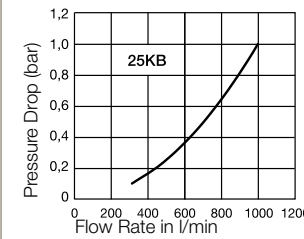
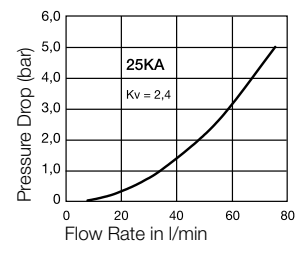
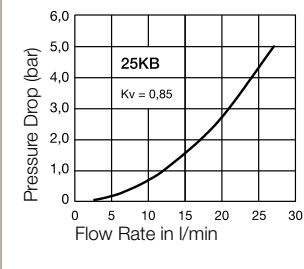
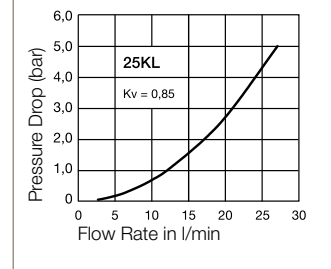
Universal industrial coupling with standard European profile for use with gaseous, liquid and aggressive media.

Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The series stands out for its robust design and long service life even with the harshest use. The collar design minimises damage to the valve body.

**Dust Protections**  (P. 319)  
for Coupling Part.-No. SK23S  
for Plug Part.-No. SK12S

**Working Temperature\***  
-15°C up to +200°C (FKM)  
depending on the medium.

\* For temperatures below -15°C and over +200°C and depending on the medium, other seal variants (EPDM, FFKM) are available.

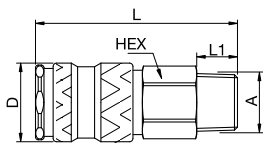
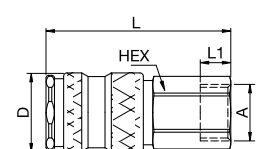
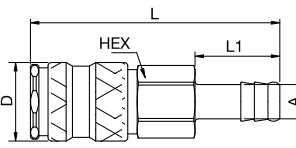
		
<p><b>Working Pressure**</b> 35 bar ** maximum static working pressure with safety factor 4 to 1.</p>	<p>35 bar</p>	<p>8 bar</p>
<p><b>Features</b></p> <ul style="list-style-type: none"> <li>• Minimal, almost imperceptible leakage when uncoupling</li> <li>• No air locked into the system during the coupling process</li> </ul>		
<p><b>Material</b> <b>Coupling:</b> AISI 303 / AISI 316 L <b>Plug:</b> AISI 303 / AISI 316 L <b>Seals:</b> FKM</p>		
<p><b>Interchangeability</b></p> <ul style="list-style-type: none"> <li>• Rectus 26</li> <li>• Cejn 320</li> <li>• various German Products</li> </ul>		
<p><b>Flow diagrams</b></p>		
<p><b>Air</b></p> 	<p><b>Air</b></p> 	
<p><b>Water</b></p> 	<p><b>Water</b></p> 	<p><b>Water</b></p> 





## Couplings – flat-sealing

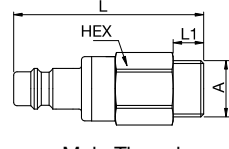
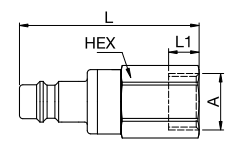
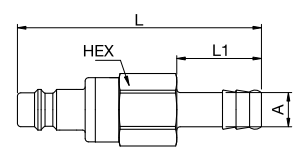
## Series 25KL

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	G 1/4	19		59,5	10,5		23			AISI 303	25KLAW13RVX
	G 1/4	19		59,5	10,5		23			AISI 316 L	25KLAW13EVX
	G 3/8	19		57,5	9		23			AISI 303	25KLAW17RVX
	G 3/8	19		57,5	9		23			AISI 316 L	25KLAW17EVX
	G 1/2	24		60,5	12		23			AISI 303	25KLAW21RVX
	G 1/2	24		60,5	12		23			AISI 316 L	25KLAW21EVX
 Female Thread	G 1/4	19		55,5	10		23			AISI 303	25KLIW13RVX
	G 1/4	19		55,5	10		23			AISI 316 L	25KLIW13EVX
	G 3/8	19		54,5	9		23			AISI 303	25KLIW17RVX
	G 3/8	19		54,5	9		23			AISI 316 L	25KLIW17EVX
	G 1/2	24		57,5	12		23			AISI 303	25KLIW21RVX
	G 1/2	24		57,5	12		23			AISI 316 L	25KLIW21EVX
 Hose Barb	9 mm	19		73,5	25		23			AISI 303	25KLTF09RVX
	9 mm	19		73,5	25		23			AISI 316 L	25KLTF09EVX
	13 mm	19		73,5	25		23			AISI 303	25KLTF13RVX
	13 mm	19		73,5	25		23			AISI 316 L	25KLTF13EVX



## Plugs – flat-sealing

## Series 25KL

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	G 1/4	19		58	10,5					AISI 303	25SLAW13RVX
	G 1/4	19		58	10,5					AISI 316 L	25SLAW13EVX
	G 3/8	19		56	9					AISI 303	25SLAW17RVX
	G 3/8	19		56	9					AISI 316 L	25SLAW17EVX
	G 1/2	24		59	12					AISI 303	25SLAW21RVX
	G 1/2	24		59	12					AISI 316 L	25SLAW21EVX
 Female Thread	G 1/4	19		54	10					AISI 303	25SLIW13RVX
	G 1/4	19		54	10					AISI 316 L	25SLIW13EVX
	G 3/8	19		53	9					AISI 303	25SLIW17RVX
	G 3/8	19		53	9					AISI 316 L	25SLIW17EVX
	G 1/2	24		56	12					AISI 303	25SLIW21RVX
	G 1/2	24		56	12					AISI 316 L	25SLIW21EVX
 Hose Barb	6 mm	19		75	25					AISI 303	25SLTF06RVX
	9 mm	19		72	25					AISI 303	25SLTF09RVX
	9 mm	19		72	25					AISI 316 L	25SLTF09EVX
	13 mm	19		72	25					AISI 303	25SLTF13RVX
	13 mm	19		72	25					AISI 316 L	25SLTF13EVX