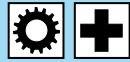


Nominal Diameter

1,5 = 1,8 mm²

Rectus Series

02**Technical Description**

Smallest mini industrial coupling for air and gas applications. Primarily in medicine, didactics and model building. Specific application for liquids due to size. Coupling system with single-hand operation. Extremely small dimensions.

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.

Material

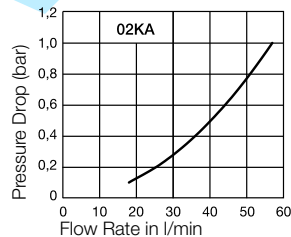
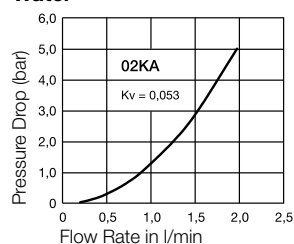
Coupling: Brass

Plug: Brass

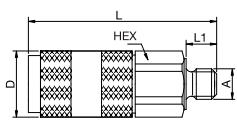
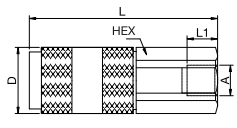
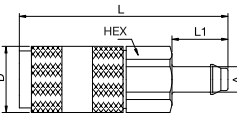
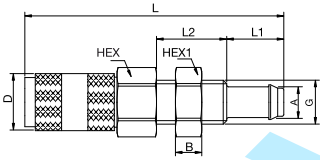
Seals: NBR

Interchangeability

- Rectus Design

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

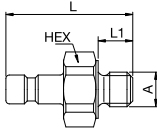
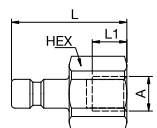
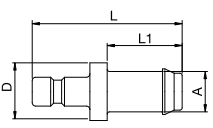
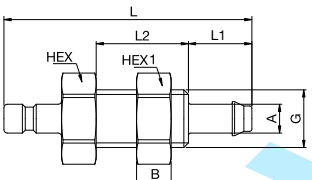


	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	M 3	6		19	3		6,5			blank	02KAAM03MPX
	M 3	6		19	3		6,5			nickel plated	02KAAM03MPN
 <p>Female Thread</p>	M 3	6		19	3		6,5			blank	02KAIM03MPX
	M 3	6		19	3		6,5			nickel plated	02KAIM03MPN
 <p>Hose Barb</p>	2 mm	6		21	5,5		6,5			blank	02KATF02MPX
	2 mm	6		21	5,5		6,5			nickel plated	02KATF02MPN
	3 mm	6		22	5,5		6,5			blank	02KATF03MPX
	3 mm	6		22	5,5		6,5			nickel plated	02KATF03MPN
 <p>Panel Mount with Hose Barb</p>	2 mm	7	7	29	5,5	8	6,5	3	M 5	blank	02KATS02MPX
	2 mm	7	7	29	5,5	8	6,5	3	M 5	nickel plated	02KATS02MPN
	3 mm	7	7	30	6,5	8	6,5	3	M 5	blank	02KATS03MPX
	3 mm	7	7	30	6,5	8	6,5	3	M 5	nickel plated	02KATS03MPN



Plugs – without valve

Series 02KA

	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>	M 3	6		11	3					blank	02SFAM03MXX
	M 3	6		11	3					nickel plated	02SFAM03MXN
 <p>Female Thread</p>	M 3	6		10	3					blank	02SFIM03MXX
	M 3	6		10	3					nickel plated	02SFIM03MXN
 <p>Hose Barb</p>	2 mm			12	5,5		4			blank	02SFTF02MXX
	2 mm			12	5,5		4			nickel plated	02SFTF02MXN
 <p>Panel Mount with Hose Barb</p>	2 mm	7	7	22	5,5	8		3	M 5	blank	02SFTS02MXX
	2 mm	7	7	22	5,5	8		3	M 5	nickel plated	02SFTS02MXN
	3 mm	7	7	23	6,5	8		3	M 5	blank	02SFTS03MXX
	3 mm	7	7	23	6,5	8		3	M 5	nickel plated	02SFTS03MXN

KOVARZ S.r.l.

Nominal Diameter

2,5 = 5 mm²

Rectus Series

50**Technical Description**

Mini industrial coupling, can be used with various media.
Coupling system with single-hand operation. This system is extremely easy to operate and stands out for its small installation dimensions.

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.

Material

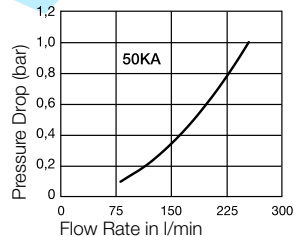
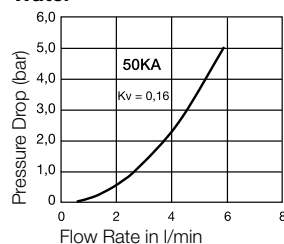
Coupling: Brass

Plug: Brass

Seals: NBR

Interchangeability

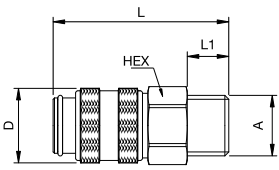
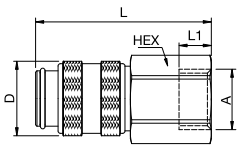
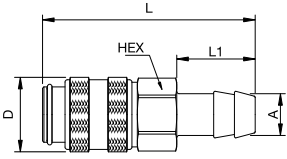
- Walther LP002

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



Couplings – with valve

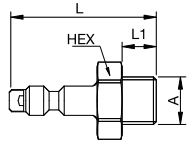
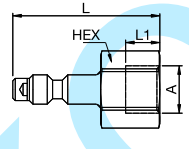
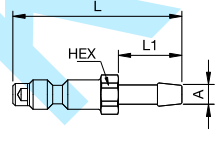
Series 50KA

	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			blank	50KAAW10MPXS
	G 1/8	14		36	7		16			nickel plated	50KAAW10MPNS
	G 1/4	17		38	9		16			blank	50KAAW13MPXS
	G 1/4	17		38	9		16			nickel plated	50KAAW13MPNS
 <p>Female Thread</p>	G 1/8	14		36	9		16			blank	50KAIW10MPXS
	G 1/8	14		36	9		16			nickel plated	50KAIW10MPNS
	G 1/4	17		38	9		16			blank	50KAIW13MPXS
	G 1/4	17		38	9		16			nickel plated	50KAIW13MPNS
 <p>Hose Barb</p>	4 mm	14		46	17		16			blank	50KATF04MPXS
	4 mm	14		46	17		16			nickel plated	50KATF04MPNS
	6 mm	14		46	17		16			blank	50KATF06MPXS
	6 mm	14		46	17		16			nickel plated	50KATF06MPNS



Plugs – without valve

Series 50KA

	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		30	7					blank	50SFAW10MXX
	G 1/8	14		30	7					nickel plated	50SFAW10MXN
 <p>Female Thread</p>	G 1/8	14		30	7					blank	50SFIW10MXX
	G 1/8	14		30	7					nickel plated	50SFIW10MXN
 <p>Hose Barb</p>	4 mm	7		35	13					blank	50SFTF04MXX
	4 mm	7		35	13					nickel plated	50SFTF04MXN
	6 mm	7		35	13					blank	50SFTF06MXX
	6 mm	7		35	13					nickel plated	50SFTF06MXN



Other designs in series 20

The following other designs can be found from page:

- Stainless Steel P. 180
- Medical Technology (NP) P. 250

Technical Description

Mini industrial coupling with internationally used profile. Frequent use in medical technology and chemistry/pharmacy. Coupling system with single-hand operation. High flow despite small dimensions plus many applications with a variety of media.

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.

35 bar

Features

- Low pressure drop

Material

Coupling: Brass
Plug: Brass
Seals: NBR

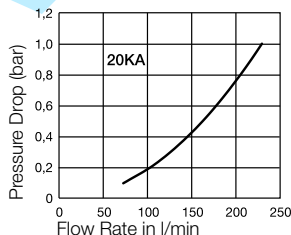
Coupling: Brass
Plug: Brass
Seals: NBR

Interchangeability

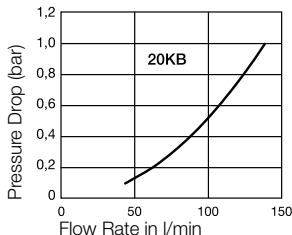
- Walther 06-003

Flow diagrams

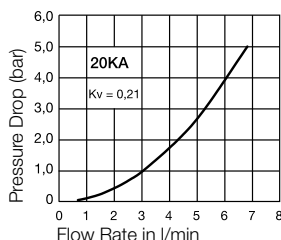
Air



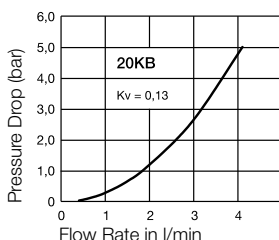
Air



Water



Water



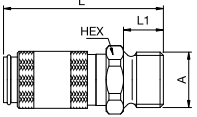
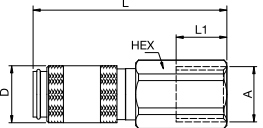
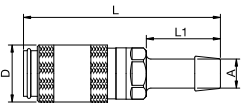
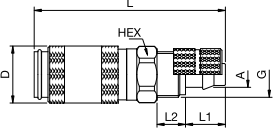
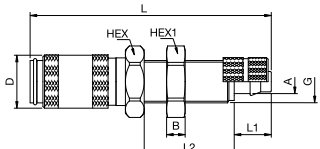
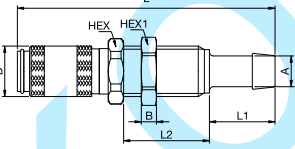
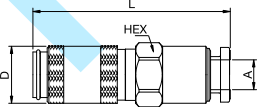


Couplings – with valve

Series 20KA

Brass/Steel

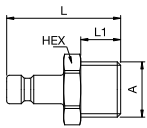
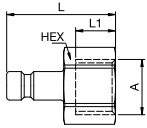
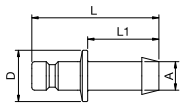
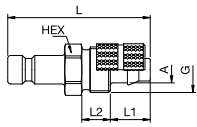
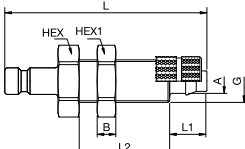
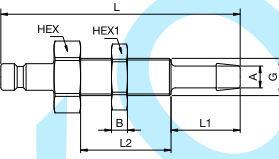
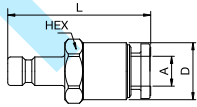
Low Pressure

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	M 5	9		26	5		10			blank	20KAAM05MPX
	M 5	9		26	5		10			nickel plated	20KAAM05MPN
	G 1/8	11		28	7		10			blank	20KAAW10MPX
	G 1/8	11		28	7		10			nickel plated	20KAAW10MPN
 Female Thread	M 5	9		26	5		10			blank	20KAIM05MPX
	M 5	9		26	5		10			nickel plated	20KAIM05MPN
	G 1/8	12		28	7		10			blank	20KAIW10MPX
	G 1/8	12		28	7		10			nickel plated	20KAIW10MPN
 Hose Barb	3 mm			35	13		10			blank	20KATF03MPX
	3 mm			35	13		10			nickel plated	20KATF03MPN
	4 mm			35	13		10			blank	20KATF04MPX
	4 mm			35	13		10			nickel plated	20KATF04MPN
	5 mm			34	13		10			blank	20KATF05MPX
	5 mm			34	13		10			nickel plated	20KATF05MPN
 with Plastic Hose Connection	3 x 4 mm	9		34	7	5	10		M 7 x 0,5	blank	20KAKO04MPX
	3 x 4 mm	9		34	7	5	10		M 7 x 0,5	nickel plated	20KAKO04MPN
	3 x 5 mm	9		34	7	5	10		M 7 x 0,5	blank	20KAKO05MPX
	3 x 5 mm	9		34	7	5	10		M 7 x 0,5	nickel plated	20KAKO05MPN
	4 x 6 mm	9		34	7	5	10		M 8 x 0,5	blank	20KAKO06MPX
	4 x 6 mm	9		34	7	5	10		M 8 x 0,5	nickel plated	20KAKO06MPN
 Panel Mount with Plastic Hose Connection	3 x 4 mm	12	11	45	7	17	10	3	M 7 x 0,5	blank	20KAKS04MPX
	3 x 4 mm	12	11	45	7	17	10	3	M 7 x 0,5	nickel plated	20KAKS04MPN
	3 x 5 mm	12	11	45	7	17	10	3	M 7 x 0,5	blank	20KAKS05MPX
	3 x 5 mm	12	11	45	7	17	10	3	M 7 x 0,5	nickel plated	20KAKS05MPN
	4 x 6 mm	12	11	45	7	12	10	3	M 8 x 0,5	blank	20KAKS06MPX
	4 x 6 mm	12	11	45	7	12	10	3	M 8 x 0,5	nickel plated	20KAKS06MPN
 Panel Mount with Hose Barb	3 mm	12	11	51	13	17	10	3	M 7 x 0,5	blank	20KATS03MPX
	3 mm	12	11	51	13	17	10	3	M 7 x 0,5	nickel plated	20KATS03MPN
	4 mm	12	11	51	13	17	10	3	M 7 x 0,5	blank	20KATS04MPX
	4 mm	12	11	51	13	17	10	3	M 7 x 0,5	nickel plated	20KATS04MPN
	6 mm	12	12	51	13	17	10	3	M 10 x 1	blank	20KATS06MPX
	6 mm	12	12	51	13	17	10	3	M 10 x 1	nickel plated	20KATS06MPN
 Push-In	4 mm	10		35			10			nickel plated	20KARP04MPN

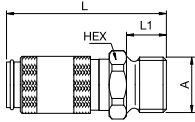
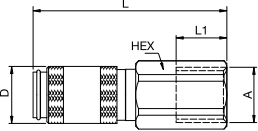
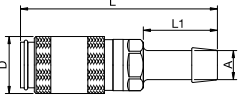
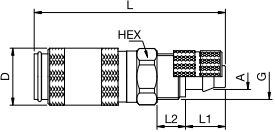
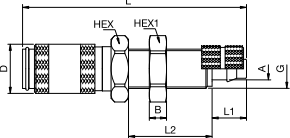
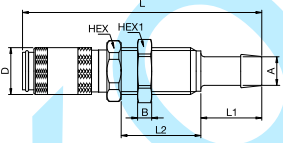


Plugs – without valve

Series 20KA

	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>	M 5	7		18	5					blank	20SFAM05MXX
	M 5	7		18	5					nickel plated	20SFAM05MXN
	G 1/8	11		20	7					blank	20SFAW10MXX
	G 1/8	11		20	7					nickel plated	20SFAW10MXN
 <p>Female Thread</p>	M 5	7		17	5					blank	20SFIM05MXX
	M 5	7		17	5					nickel plated	20SFIM05MXN
	G 1/8	12		19	7					blank	20SFIW10MXX
	G 1/8	12		19	7					nickel plated	20SFIW10MXN
 <p>Hose Barb</p>	3 mm			24	13		7			blank	20SFTF03MXX
	3 mm			24	13		7			nickel plated	20SFTF03MXN
	4 mm			24	13		7			blank	20SFTF04MXX
	4 mm			24	13		7			nickel plated	20SFTF04MXN
	5 mm			22	13		9			blank	20SFTF05MXX
	5 mm			22	13		9			nickel plated	20SFTF05MXN
 <p>with Plastic Hose Connection</p>	3 x 4 mm	7		25	7	5			M 7 x 0,5	blank	20SFKO04MXX
	3 x 4 mm	7		25	7	5			M 7 x 0,5	nickel plated	20SFKO04MXN
	3 x 5 mm	7		25	7	5			M 7 x 0,5	blank	20SFKO05MXX
	3 x 5 mm	7		25	7	5			M 7 x 0,5	nickel plated	20SFKO05MXN
	4 x 6 mm	8		25	7	5			M 8 x 0,5	blank	20SFKO06MXX
	4 x 6 mm	8		25	7	5			M 8 x 0,5	nickel plated	20SFKO06MXN
 <p>Panel Mount with Plastic Hose Connection</p>	3 x 4 mm	11	11	38	7	17		3	M 7 x 0,5	blank	20SFKS04MXX
	3 x 4 mm	11	11	38	7	17		3	M 7 x 0,5	nickel plated	20SFKS04MXN
	3 x 5 mm	11	11	38	7	17		3	M 7 x 0,5	blank	20SFKS05MXX
	3 x 5 mm	11	11	38	7	17		3	M 7 x 0,5	nickel plated	20SFKS05MXN
	4 x 6 mm	12	12	38	7	17		3	M 8 x 0,5	blank	20SFKS06MXX
	4 x 6 mm	12	12	38	7	17		3	M 8 x 0,5	nickel plated	20SFKS06MXN
 <p>Panel Mount with Hose Barb</p>	3 mm	12	11	45	13	18		3,5	M 7 x 0,5	blank	20SFTS03MXX
	3 mm	12	11	45	13	18		3,5	M 7 x 0,5	nickel plated	20SFTS03MXN
	4 mm	12	11	45	13	17		3	M 7 x 0,5	blank	20SFTS04MXX
	4 mm	12	11	45	13	17		3	M 7 x 0,5	nickel plated	20SFTS04MXN
 <p>Push-In</p>	4 mm	10		35			10			nickel plated	20SFRP04MPN



	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>	M 5	9		26	5		10			blank	20KBAM05MPX
	M 5	9		26	5		10			nickel plated	20KBAM05MPN
	G 1/8	11		28	7		10			blank	20KBAW10MPX
	G 1/8	11		28	7		10			nickel plated	20KBAW10MPN
 <p>Female Thread</p>	M 5	9		26	5		10			blank	20KBIM05MPX
	M 5	9		26	5		10			nickel plated	20KBIM05MPN
	G 1/8	12		28	7		10			blank	20KBIW10MPX
	G 1/8	12		28	7		10			nickel plated	20KBIW10MPN
 <p>Hose Barb</p>	3 mm			35	13		10			blank	20KBTF03MPX
	3 mm			35	13		10			nickel plated	20KBTF03MPN
	4 mm			35	13		10			blank	20KBTF04MPX
	4 mm			35	13		10			nickel plated	20KBTF04MPN
	5 mm			34	13		10			blank	20KBTF05MPX
	5 mm			34	13		10			nickel plated	20KBTF05MPN
 <p>with Plastic Hose Connection</p>	3 x 4 mm	9		34	7	5	10		M 7 x 0,5	blank	20KBKO04MPX
	3 x 4 mm	9		34	7	5	10		M 7 x 0,5	nickel plated	20KBKO04MPN
	3 x 5 mm	9		34	7	5	10		M 7 x 0,5	blank	20KBKO05MPX
	3 x 5 mm	9		34	7	5	10		M 7 x 0,5	nickel plated	20KBKO05MPN
	4 x 6 mm	9		34	7	5	10		M 8 x 0,5	blank	20KBKO06MPX
	4 x 6 mm	9		34	7	5	10		M 8 x 0,5	nickel plated	20KBKO06MPN
 <p>Panel Mount with Plastic Hose Connection</p>	3 x 4 mm	12	11	45	7	17	10	3	M 7 x 0,5	blank	20KBKS04MPX
	3 x 4 mm	12	11	45	7	17	10	3	M 7 x 0,5	nickel plated	20KBKS04MPN
	3 x 5 mm	12	11	45	7	17	10	3	M 7 x 0,5	blank	20KBKS05MPX
	3 x 5 mm	12	11	45	7	17	10	3	M 7 x 0,5	nickel plated	20KBKS05MPN
	4 x 6 mm	12	12	45	7	17	10	3,5	M 8 x 0,5	blank	20KBKS06MPX
	4 x 6 mm	12	12	45	7	17	10	3,5	M 8 x 0,5	nickel plated	20KBKS06MPN
 <p>Panel Mount with Hose Barb</p>	3 mm	12	11	51	13	17	10	3	M 7 x 0,5	blank	20KBTS03MPX
	3 mm	12	11	51	13	17	10	3	M 7 x 0,5	nickel plated	20KBTS03MPN
	4 mm	12	11	51	13	17	10	3	M 7 x 0,5	blank	20KBTS04MPX
	4 mm	12	11	51	13	17	10	3	M 7 x 0,5	nickel plated	20KBTS04MPN



Plugs – with valve

Series 20KB

	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>	M 5	9		28	5					blank	20SBAM05MPX
	M 5	9		28	5					nickel plated	20SBAM05MPN
	G 1/8	11		30	7					blank	20SBAW10MPX
	G 1/8	11		30	7					nickel plated	20SBAW10MPN
<p>Female Thread</p>	M 5	9		26	5					blank	20SBIM05MPX
	M 5	9		26	5					nickel plated	20SBIM05MPN
	G 1/8	12		30	7					blank	20SBIW10MPX
	G 1/8	12		30	7					nickel plated	20SBIW10MPN
<p>Hose Barb</p>	3 mm	8		36	13					blank	20SBTF03MPX
	3 mm	8		36	13					nickel plated	20SBTF03MPN
	4 mm	8		36	13					blank	20SBTF04MPX
	4 mm	8		36	13					nickel plated	20SBTF04MPN
	5 mm	8		36	13					blank	20SBTF05MPX
<p>with Plastic Hose Connection</p>	3 x 4 mm	9		30,5	7	5			M 7 x 0,5	blank	20SBKO04MPX
	3 x 4 mm	9		30,5	7	5			M 7 x 0,5	nickel plated	20SBKO04MPN
	3 x 5 mm	9		30,5	7	5			M 7 x 0,5	blank	20SBKO05MPX
	3 x 5 mm	9		30,5	7	5			M 7 x 0,5	nickel plated	20SBKO05MPN
	4 x 6 mm	9		30,5	7	5			M 8 x 0,5	blank	20SBKO06MPX
	4 x 6 mm	9		30,5	7	5			M 8 x 0,5	nickel plated	20SBKO06MPN
<p>Panel Mount with Plastic Hose Connection</p>	3 x 4 mm	12	11	46,5	7	17		3	M 7 x 0,5	blank	20SBKS04MPX
	3 x 4 mm	12	11	46,5	7	17		3	M 7 x 0,5	nickel plated	20SBKS04MPN
	3 x 5 mm	12	11	46,5	7	17		3	M 7 x 0,5	blank	20SBKS05MPX
	3 x 5 mm	12	11	46,5	7	17		3	M 7 x 0,5	nickel plated	20SBKS05MPN
	4 x 6 mm	12	12	46,5	7	17		3,5	M 8 x 0,5	blank	20SBKS06MPX
	4 x 6 mm	12	12	46,5	7	17		3,5	M 8 x 0,5	nickel plated	20SBKS06MPN
<p>Panel Mount with Hose Barb</p>	3 mm	12	11	52,5	13	17		3	M 7 x 0,5	blank	20SBTS03MPX
	3 mm	12	11	52,5	13	17		3	M 7 x 0,5	nickel plated	20SBTS03MPN
	4 mm	12	11	52,5	13	17		3	M 7 x 0,5	blank	20SBTS04MPX
	4 mm	12	11	52,5	13	17		3	M 7 x 0,5	nickel plated	20SBTS04MPN
	6 mm	12	12	46,5	13	17		3	M 10 x 1	blank	20SBTS06MPX
	6 mm	12	12	46,5	13	17		3	M 10 x 1	nickel plated	20SBTS06MPN

KOVARZ S.r.l.

Nominal Diameter

4 = 12,5 mm²

Rectus Series

204**Other designs in series 204**

The following other designs can be found from page:

► Stainless Steel P. 190

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*

-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****

15 bar

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

Material

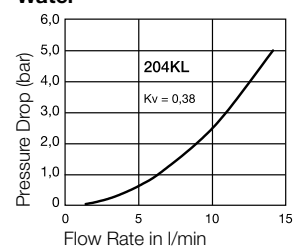
Coupling: Brass nickel plated

Plug: Brass nickel plated

Seals: NBR

Interchangeability

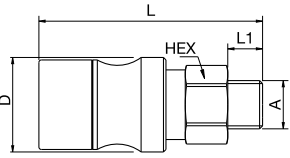
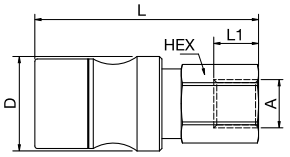
• Rectus Design

Flow diagrams**Water**



Couplings – flat-sealing

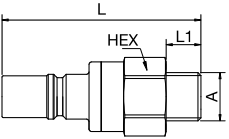
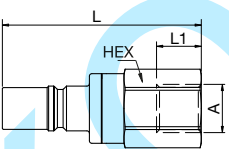
Series 204KL

	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				204KLAW10MPN
	G 1/4	17		47	9		19				204KLAW13MPN
 <p>Female Thread</p>	G 1/8	14		45	9		19				204KLIW10MPN
	G 1/4	17		47	9		19				204KLIW13MPN



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						204SLAW10MPN
	G 1/4	17		42	9						204SLAW13MPN
 <p>Female Thread</p>	G 1/8	14		40	9						204SLIW10MPN
	G 1/4	17		42	7						204SLIW13MPN

5 = 20 mm²**17****Technical Description**

Brass/steel industrial coupling with English profile specifically suited to compressed air applications in industry.

Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. Versatile due to slim design and light weight.

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.

Material

Coupling: Brass nickel plated,
Steel zinc plated

Plug: Steel nickel plated

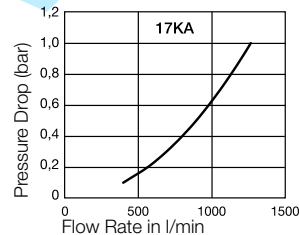
Seals: NBR

Interchangeability

- Schrader DN 5

Flow diagrams

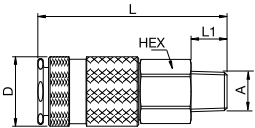
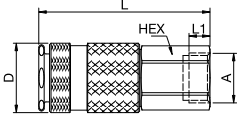
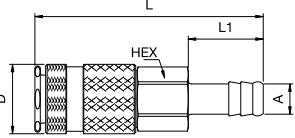
Air





Couplings – with valve

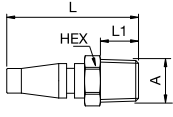
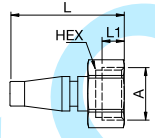
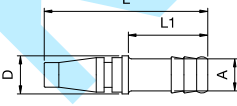
Series 17KA

	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		63	12		23				17KAAK13SPN
	R 3/8	19		62	12		23				17KAAK17SPN
	R 1/2	22		63	17		23				17KAAK21SPN
 <p>Female Thread</p>	G 1/4	19		58	9		23				17KAIW13SPN
	G 3/8	19		57	9		23				17KAIW17SPN
	G 1/2	24		60	12		23				17KAIW21SPN
 <p>Hose Barb</p>	6 mm	19		76	25		23				17KATF06SPN
	8 mm	19		76	25		23				17KATF08SPN
	10 mm	19		76	25		23				17KATF10SPN
	13 mm	19		76	25		23				17KATF13SPN



Plugs – without valve

Series 17KA

	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	11		37	9						17SFAK10SXN
	R 1/4	14		42	12						17SFAK13SXN
 <p>Female Thread</p>	G 1/8	14		33	7						17SFIW10SXN
	G 1/4	17		36	9						17SFIW13SXN
 <p>Hose Barb</p>	6 mm			58	25		12				17SFTF06SXN
	8 mm			52	25		12				17SFTF08SXN
	10 mm			52	25		12				17SFTF10SXN



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




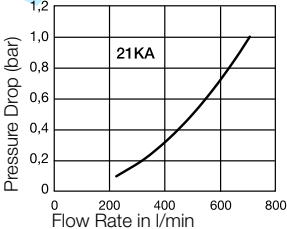
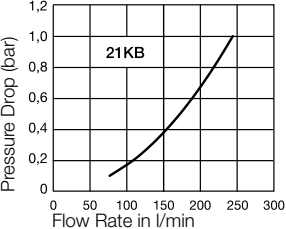
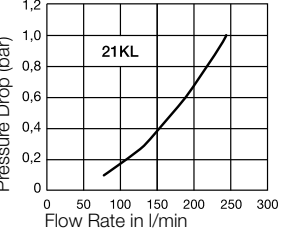
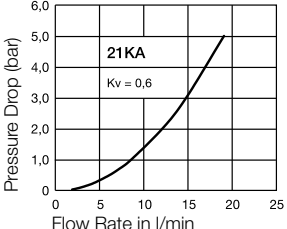
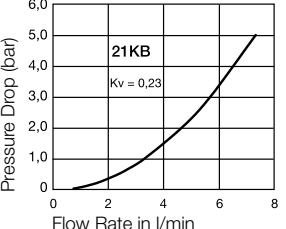
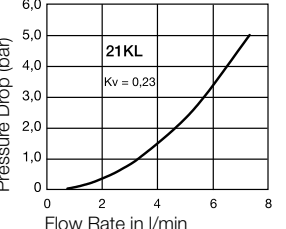
Working Temperature*
-20°C up to +100°C (NBR)
depending on the medium.

* 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 21

The following other designs can be found from page:

- Stainless Steel P. 192
- Thermoplastic P. 232
- Medical Technology (MD) P. 256
- Safety P. 270
- Coded Systems P. 298

 KA Single Shut-Off	 KB Double Shut-Off	 KL Leak-Free
Working Pressure**		
35 bar ** maximum static working pressure with safety factor 4 to 1.	35 bar	8 bar
Features		
		<ul style="list-style-type: none"> Minimal, almost imperceptible leakage when uncoupling No air locked into the system during the coupling process
Material		
Coupling: Brass Plug: Brass Seals: NBR	Coupling: Brass Plug: Brass Seals: NBR	Coupling: Brass Plug: Brass Seals: NBR
Interchangeability		
<ul style="list-style-type: none"> Rectus 90 Camozzi Ewo Kani 		
Flow diagrams		
<p>Air</p> 	<p>Air</p> 	<p>Air</p> 
<p>Water</p> 	<p>Water</p> 	<p>Water</p> 

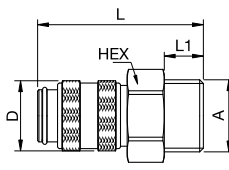
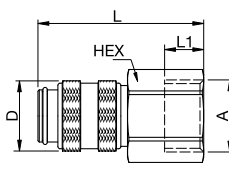
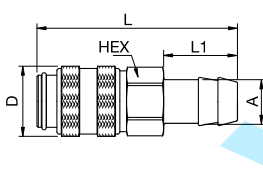
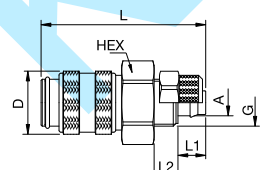


Couplings – with valve

Series 21KA

Brass/Steel

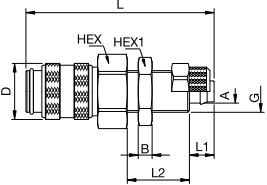
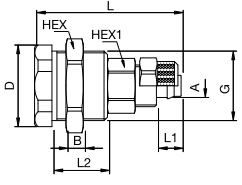
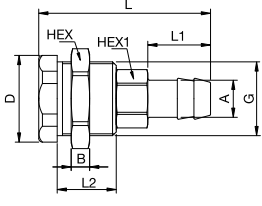
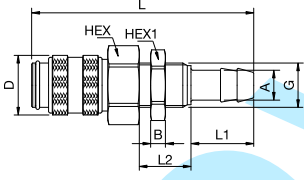
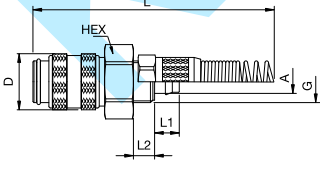
Low Pressure

	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			blank	21KAAW10MPX	
	G 1/8	14		36	7		16			nickel plated	21KAAW10MPN	
	G 1/4	17		38	9		16			blank	21KAAW13MPX	
	G 1/4	17		38	9		16			nickel plated	21KAAW13MPN	
	G 3/8	19		38	9		16			blank	21KAAW17MPX	
	G 3/8	19		38	9		16			nickel plated	21KAAW17MPN	
	M 12 x 1,5	17		39	10		16			blank	21KAAD12MPX	
	M 12 x 1,5	17		39	10		16			nickel plated	21KAAD12MPN	
	M 14 x 1,5	17		39	10		16			blank	21KAAD14MPX	
	M 14 x 1,5	17		39	10		16			nickel plated	21KAAD14MPN	
 <p>Female Thread</p>	G 1/8	14		36	9		16			blank	21KAIW10MPX	
	G 1/8	14		36	9		16			nickel plated	21KAIW10MPN	
	G 1/4	17		38	9		16			blank	21KAIW13MPX	
	G 1/4	17		38	9		16			nickel plated	21KAIW13MPN	
	G 3/8	19		38	9		16			blank	21KAIW17MPX	
	G 3/8	19		38	9		16			nickel plated	21KAIW17MPN	
	M 12 x 1,5	17		38	6		16			blank	21KAIM12MPX	
	M 12 x 1,5	17		38	6		16			nickel plated	21KAIM12MPN	
	M 14 x 1,5	17		38	6		16			blank	21KAIM14MPX	
	M 14 x 1,5	17		38	6		16			nickel plated	21KAIM14MPN	
 <p>Hose Barb</p>	4 mm	14		46	17		16			blank	21KATF04MPX	
	4 mm	14		46	17		16			nickel plated	21KATF04MPN	
	6 mm	14		46	17		16			blank	21KATF06MPX	
	6 mm	14		46	17		16			nickel plated	21KATF06MPN	
	8 mm	14		46	17		16			blank	21KATF08MPX	
	8 mm	14		46	17		16			nickel plated	21KATF08MPN	
	9 mm	14		46	17		16			blank	21KATF09MPX	
	9 mm	14		46	17		16			nickel plated	21KATF09MPN	
	10 mm	14		46	17		16			blank	21KATF10MPX	
	10 mm	14		46	17		16			nickel plated	21KATF10MPN	
	6 mm Parker	14		50	20		16			blank	21KATP06MPX	
	6 mm Parker	14		50	20		16			nickel plated	21KATP06MPN	
	 <p>with Plastic Hose Connection</p>	4 x 6 mm	14		42	7	6	16		M 10 x 1	blank	21KAKO06MPX
		4 x 6 mm	14		42	7	6	16		M 10 x 1	nickel plated	21KAKO06MPN
6 x 8 mm		14		42	7	6	16		M 12 x 1	blank	21KAKO08MPX	
6 x 8 mm		14		42	7	6	16		M 12 x 1	nickel plated	21KAKO08MPN	



Couplings – with valve

Series 21KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Panel Mount with Plastic Hose Connection</p>	4 x 6 mm	14	12	54	7	18	16	3	M 10 x 1	blank	21KAKS06MPX
	4 x 6 mm	14	12	54	7	18	16	3	M 10 x 1	nickel plated	21KAKS06MPN
	6 x 8 mm	17	17	54	7	18	16	4	M 12 x 1	blank	21KAKS08MPX
	6 x 8 mm	17	17	54	7	18	16	4	M 12 x 1	nickel plated	21KAKS08MPN
 <p>Panel Mount for Plastic Hose Connection for Front Panel Installation</p>	4 x 6 mm	22	24	42	7	16	24	5	M 20 x 1	blank	21KAKE06MPX
	4 x 6 mm	22	24	42	7	16	24	5	M 20 x 1	nickel plated	21KAKE06MPN
	6 x 8 mm	22	24	42	7	16	24	5	M 20 x 1	blank	21KAKE08MPX
	6 x 8 mm	22	24	42	7	16	24	5	M 20 x 1	nickel plated	21KAKE08MPN
 <p>Panel Mount for Hose Barb for Front Panel Installation</p>	4 mm	22	24	46	17	16	24	5	M 20 x 1	blank	21KATE04MPX
	4 mm	22	24	46	17	16	24	5	M 20 x 1	nickel plated	21KATE04MPN
	6 mm	22	24	46	17	16	24	5	M 20 x 1	blank	21KATE06MPX
	6 mm	22	24	46	17	16	24	5	M 20 x 1	nickel plated	21KATE06MPN
	8 mm	22	24	46	17	16	24	5	M 20 x 1	blank	21KATE08MPX
	8 mm	22	24	46	17	16	24	5	M 20 x 1	nickel plated	21KATE08MPN
	9 mm	22	24	46	17	16	24	5	M 20 x 1	blank	21KATE09MPX
	9 mm	22	24	46	17	16	24	5	M 20 x 1	nickel plated	21KATE09MPN
	10 mm	22	24	46	17	16	24	5	M 20 x 1	blank	21KATE10MPX
	10 mm	22	24	46	17	16	24	5	M 20 x 1	nickel plated	21KATE10MPN
 <p>Panel Mount with Hose Barb</p>	4 mm	12	12	60	17	14	16	4	M 10 x 1	blank	21KATS04MPX
	4 mm	12	12	60	17	14	16	4	M 10 x 1	nickel plated	21KATS04MPN
	5 mm	17	17	60	17	14	16	4	M 12 x 1	blank	21KATS05MPX
	5 mm	17	17	60	17	14	16	4	M 12 x 1	nickel plated	21KATS05MPN
	6 mm	17	17	60	17	14	16	4	M 12 x 1	blank	21KATS06MPX
	6 mm	17	17	60	17	14	16	4	M 12 x 1	nickel plated	21KATS06MPN
	8 mm	17	17	60	17	14	16	4	M 12 x 1	blank	21KATS08MPX
	8 mm	17	17	60	17	14	16	4	M 12 x 1	nickel plated	21KATS08MPN
	9 mm	17	19	60	17	14	16	4	M 14 x 1	blank	21KATS09MPX
	9 mm	17	19	60	17	14	16	4	M 14 x 1	nickel plated	21KATS09MPN
 <p>Plastic Hose Connection with Spring Guard</p>	4 x 6 mm	14		125	7	6	16		M 10 x 1	blank	21KAKK06MPX
	4 x 6 mm	14		125	7	6	16		M 10 x 1	nickel plated	21KAKK06MPN
	6 x 8 mm	14		130	7	6	16		M 10 x 1	blank	21KAKK08MPX
	6 x 8 mm	14		130	7	6	16		M 10 x 1	nickel plated	21KAKK08MPN

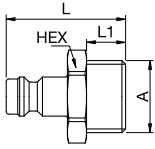
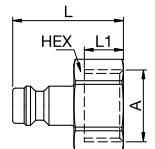
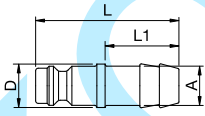


Plugs – without valve

Series 21KA

Brass/Steel

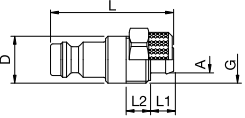
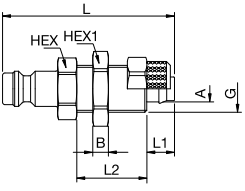
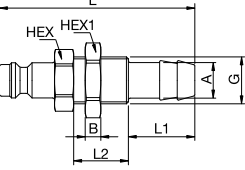
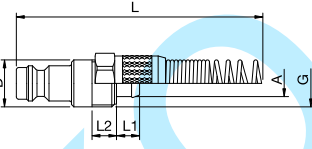
Low Pressure

	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		25	7					blank	21SFAW10MXX
	G 1/8	14		25	7					nickel plated	21SFAW10MXN
	G 1/4	17		28	9					blank	21SFAW13MXX
	G 1/4	17		28	9					nickel plated	21SFAW13MXN
	G 3/8	17		28	9					blank	21SFAW17MXX
	G 3/8	17		28	9					nickel plated	21SFAW17MXN
	M 10 x 1	14		26	8					blank	21SFAD10MXX
	M 10 x 1	14		26	8					nickel plated	21SFAD10MXN
	M 12 x 1,5	17		28	10					blank	21SFAD12MXX
	M 12 x 1,5	17		28	10					nickel plated	21SFAD12MXN
	M 14 x 1,5	17		28	10					blank	21SFAD14MXX
	M 14 x 1,5	17		28	10					nickel plated	21SFAD14MXN
 <p>Female Thread</p>	G 1/8	14		25	8					blank	21SFIW10MXX
	G 1/8	14		25	8					nickel plated	21SFIW10MXN
	G 1/4	17		25	9					blank	21SFIW13MXX
	G 1/4	17		25	9					nickel plated	21SFIW13MXN
	G 3/8	19		26	9					blank	21SFIW17MXX
	G 3/8	19		26	9					nickel plated	21SFIW17MXN
	M 10 x 1	14		26	9					blank	21SFIM10MXX
	M 10 x 1	14		26	9					nickel plated	21SFIM10MXN
	M 12 x 1,5	17		27	10					blank	21SFIM12MXX
	M 12 x 1,5	17		27	10					nickel plated	21SFIM12MXN
	M 14 x 1,5	17		27	10					blank	21SFIM14MXX
	M 14 x 1,5	17		27	10					nickel plated	21SFIM14MXN
 <p>Hose Barb</p>	4 mm			32	17		9			blank	21SFTF04MXX
	4 mm			32	17		9			nickel plated	21SFTF04MXN
	5 mm			32	17		9			blank	21SFTF05MXX
	5 mm			32	17		9			nickel plated	21SFTF05MXN
	6 mm			32	17		9			blank	21SFTF06MXX
	6 mm			32	17		9			nickel plated	21SFTF06MXN
	8 mm			32	17		9			blank	21SFTF08MXX
	8 mm			32	17		9			nickel plated	21SFTF08MXN
	9 mm			33	17		10			blank	21SFTF09MXX
	9 mm			33	17		10			nickel plated	21SFTF09MXN
	10 mm			33	17		12			blank	21SFTF10MXX
	10 mm			33	17		12			nickel plated	21SFTF10MXN
	6 mm Parker			36	20		16			blank	21SFTP06MXX
	6 mm Parker			36	20		16			nickel plated	21SFTP06MXN

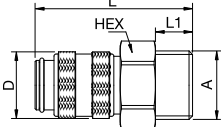
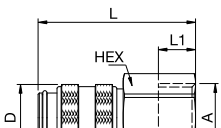
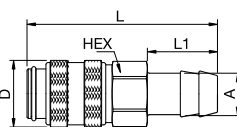
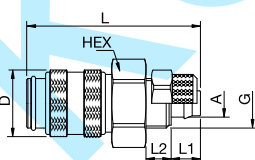


Plugs – without valve

Series 21KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number	
 <p>with Plastic Hose Connection</p>	4 x 6 mm			32	6	6	10		M 10 x 1	blank	21SFKO06MXX	
	4 x 6 mm			32	6	6	10		M 10 x 1	nickel plated	21SFKO06MXN	
	6 x 8 mm			32	6	6	12		M 12 x 1	blank	21SFKO08MXX	
	6 x 8 mm			32	6	6	12		M 12 x 1	nickel plated	21SFKO08MXN	
	8 x 10 mm	17		36	9	8			M 16 x 1	blank	21SFKO10MXX	
	8 x 10 mm	17		36	9	8			M 16 x 1	nickel plated	21SFKO10MXN	
	8 x 12 mm	17		36	9	8			M 16 x 1	blank	21SFKO12MXXS	
	8 x 12 mm	17		36	9	8			M 16 x 1	nickel plated	21SFKO12MXNS	
 <p>Panel Mount with Plastic Hose Connection</p>	4 x 6 mm	14	12	43	7	18		3	M 10 x 1	blank	21SFKS06MXX	
	4 x 6 mm	14	12	43	7	18		3	M 10 x 1	nickel plated	21SFKS06MXN	
	6 x 8 mm	14	17	44	7	18		4	M 12 x 1	blank	21SFKS08MXX	
	6 x 8 mm	14	17	44	7	18		4	M 12 x 1	nickel plated	21SFKS08MXN	
 <p>Panel Mount with Hose Barb</p>	4 mm	14	14	50	17	14		4	M 10 x 1	blank	21SFTS04MXX	
	4 mm	14	14	50	17	14		4	M 10 x 1	nickel plated	21SFTS04MXN	
	5 mm	14	17	50	17	14		4	M 12 x 1	blank	21SFTS05MXX	
	5 mm	14	17	50	17	14		4	M 12 x 1	nickel plated	21SFTS05MXN	
	6 mm	14	17	50	17	14		4	M 12 x 1	blank	21SFTS06MXX	
	6 mm	14	17	50	17	14		4	M 12 x 1	nickel plated	21SFTS06MXN	
	8 mm	14	17	50	17	14		4	M 12 x 1	blank	21SFTS08MXX	
	8 mm	14	17	50	17	14		4	M 12 x 1	nickel plated	21SFTS08MXN	
	9 mm	14	17	50	17	14		4	M 12 x 1	blank	21SFTS09MXX	
	9 mm	14	17	50	17	14		4	M 12 x 1	nickel plated	21SFTS09MXN	
	10 mm	17	19	50	17	14		4	M 14 x 1	blank	21SFTS10MXX	
	10 mm	17	19	50	17	14		4	M 14 x 1	nickel plated	21SFTS10MXN	
 <p>Plastic Hose Connection with Spring Guard</p>	4 x 6 mm			115	6	6	10		M 10 x 1	blank	21SFKK06MXX	
	4 x 6 mm			115	6	6	10		M 10 x 1	nickel plated	21SFKK06MXN	
	6 x 8 mm			120	6	6	12		M 12 x 1	blank	21SFKK08MXX	
	6 x 8 mm			120	6	6	12		M 12 x 1	nickel plated	21SFKK08MXN	

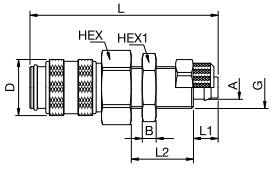
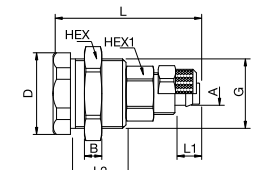
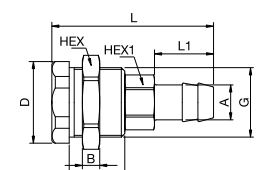
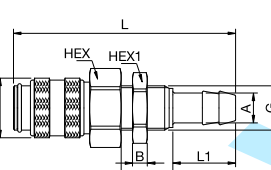
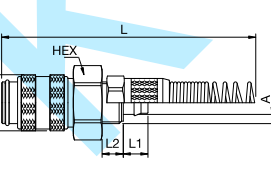


	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number	
 <p>Male Thread</p>	G 1/8	14		36	7		16			blank	21KBAW10MPX	
	G 1/8	14		36	7		16			nickel plated	21KBAW10MPN	
	G 1/4	17		38	9		16			blank	21KBAW13MPX	
	G 1/4	17		38	9		16			nickel plated	21KBAW13MPN	
	G 3/8	19		38	9		16			blank	21KBAW17MPX	
	G 3/8	19		38	9		16			nickel plated	21KBAW17MPN	
	M 10 x 1	14		37	8		16			blank	21KBAD10MPX	
	M 10 x 1	14		37	8		16			nickel plated	21KBAD10MPN	
	M 12 x 1,5	17		39	10		16			blank	21KBAD12MPX	
	M 12 x 1,5	17		39	10		16			nickel plated	21KBAD12MPN	
	M 14 x 1,5	17		39	10		16			blank	21KBAD14MPX	
	M 14 x 1,5	17		39	10		16			nickel plated	21KBAD14MPN	
 <p>Female Thread</p>	G 1/8	14		36	9		16			blank	21KBIW10MPX	
	G 1/8	14		36	9		16			nickel plated	21KBIW10MPN	
	G 1/4	17		38	9		16			blank	21KBIW13MPX	
	G 1/4	17		38	9		16			nickel plated	21KBIW13MPN	
	G 3/8	19		38	9		16			blank	21KBIW17MPX	
	G 3/8	19		38	9		16			nickel plated	21KBIW17MPN	
	M 12 x 1,5	17		38	6		16			blank	21KBIM12MPX	
	M 12 x 1,5	17		38	6		16			nickel plated	21KBIM12MPN	
	 <p>Hose Barb</p>	4 mm	14		46	17		16			blank	21KBTF04MPX
		4 mm	14		46	17		16			nickel plated	21KBTF04MPN
5 mm		14		46	17		16			blank	21KBTF05MPX	
5 mm		14		46	17		16			nickel plated	21KBTF05MPN	
6 mm		14		46	17		16			blank	21KBTF06MPX	
6 mm		14		46	17		16			nickel plated	21KBTF06MPN	
8 mm		14		46	17		16			blank	21KBTF08MPX	
8 mm		14		46	17		16			nickel plated	21KBTF08MPN	
9 mm		14		46	17		16			blank	21KBTF09MPX	
9 mm		14		46	17		16			nickel plated	21KBTF09MPN	
10 mm		14		46	17		16			blank	21KBTF10MPX	
10 mm		14		46	17		16			nickel plated	21KBTF10MPN	
6 mm Parker		14		46	17		16			blank	21KBTP06MPX	
6 mm Parker		14		46	17		16			nickel plated	21KBTP06MPN	
 <p>with Plastic Hose Connection</p>	4 x 6 mm	14		42	7	6	16		M 10 x 1	blank	21KBKO06MPX	
	4 x 6 mm	14		42	7	6	16		M 10 x 1	nickel plated	21KBKO06MPN	
	6 x 8 mm	14		42	7	6	16		M 12 x 1	blank	21KBKO08MPX	
	6 x 8 mm	14		42	7	6	16		M 12 x 1	nickel plated	21KBKO08MPN	

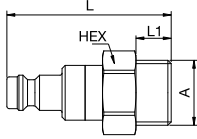
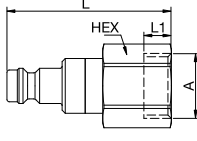
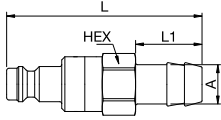
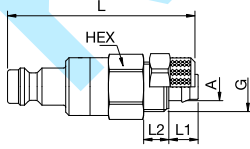


Couplings – with valve

Series 21KB

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Panel Mount with Plastic Hose Connection</p>	4 x 6 mm	14	14	54	7	18	16	4	M 10 x 1	blank	21KBKS06MPX
	4 x 6 mm	14	14	54	7	18	16	4	M 10 x 1	nickel plated	21KBKS06MPN
	6 x 8 mm	17	17	54	7	18	16	4	M 12 x 1	blank	21KBKS08MPX
	6 x 8 mm	17	17	54	7	18	16	4	M 12 x 1	nickel plated	21KBKS08MPN
 <p>Panel Mount for Plastic Hose Connection for Front Panel Installation</p>	4 x 6 mm	22	24	42	7	16	24	5	M 20 x 1	blank	21KBKE06MPX
	4 x 6 mm	22	24	42	7	16	24	5	M 20 x 1	nickel plated	21KBKE06MPN
	6 x 8 mm	22	24	42	7	16	24	5	M 20 x 1	blank	21KBKE08MPX
	6 x 8 mm	22	24	42	7	16	24	5	M 20 x 1	nickel plated	21KBKE08MPN
 <p>Panel Mount for Hose Barb for Front Panel Installation</p>	4 mm	22	24	46	17	16	24	5	M 20 x 1	blank	21KBTE04MPX
	4 mm	22	24	46	17	16	24	5	M 20 x 1	nickel plated	21KBTE04MPN
	6 mm	22	24	46	17	16	24	5	M 20 x 1	blank	21KBTE06MPX
	6 mm	22	24	46	17	16	24	5	M 20 x 1	nickel plated	21KBTE06MPN
	9 mm	22	24	46	17	16	24	5	M 20 x 1	blank	21KBTE09MPX
	9 mm	22	24	46	17	16	24	5	M 20 x 1	nickel plated	21KBTE09MPN
	10 mm	22	24	46	17	16	24	5	M 20 x 1	blank	21KBTE10MPX
10 mm	22	24	46	17	16	24	5	M 20 x 1	nickel plated	21KBTE10MPN	
 <p>Panel Mount with Hose Barb</p>	4 mm	14	14	60	17	14	16	4	M 10 x 1	blank	21KBTS04MPX
	4 mm	14	14	60	17	14	16	4	M 10 x 1	nickel plated	21KBTS04MPN
	5 mm	17	17	60	17	14	16	4	M 12 x 1	blank	21KBTS05MPX
	5 mm	17	17	60	17	14	16	4	M 12 x 1	nickel plated	21KBTS05MPN
	6 mm	17	17	60	17	14	16	4	M 12 x 1	blank	21KBTS06MPX
	6 mm	17	17	60	17	14	16	4	M 12 x 1	nickel plated	21KBTS06MPN
	8 mm	17	17	60	17	14	16	4	M 12 x 1	blank	21KBTS08MPX
	8 mm	17	17	60	17	14	16	4	M 12 x 1	nickel plated	21KBTS08MPN
	9 mm	17	19	60	17	14	16	4	M 12 x 1	blank	21KBTS09MPX
9 mm	17	19	60	17	14	16	4	M 12 x 1	nickel plated	21KBTS09MPN	
 <p>Plastic Hose Connection with Spring Guard</p>	4 x 6 mm	14		125	7	6	16		M 10 x 1	blank	21KBKK06MPX
	4 x 6 mm	14		125	7	6	16		M 10 x 1	nickel plated	21KBKK06MPN
	6 x 8 mm	14		130	7	6	16		M 10 x 1	blank	21KBKK08MPX
	6 x 8 mm	14		130	7	6	16		M 10 x 1	nickel plated	21KBKK08MPN

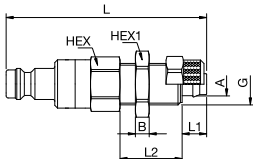
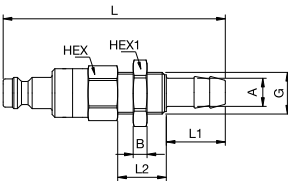
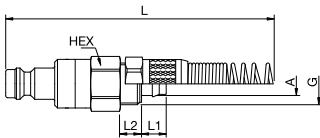


	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number	
 <p>Male Thread</p>	G 1/8	14		40	7					blank	21SBAW10MPX	
	G 1/8	14		40	7					nickel plated	21SBAW10MPN	
	G 1/4	17		42	9					blank	21SBAW13MPX	
	G 1/4	17		42	9					nickel plated	21SBAW13MPN	
	G 3/8	19		42	9					blank	21SBAW17MPX	
	G 3/8	19		42	9					nickel plated	21SBAW17MPN	
	M 10 x 1	14		41	8					blank	21SBAD10MPX	
	M 10 x 1	14		41	8					nickel plated	21SBAD10MPN	
	M 12 x 1,5	17		43	10					blank	21SBAD12MPX	
	M 12 x 1,5	17		43	10					nickel plated	21SBAD12MPN	
	M 14 x 1,5	17		43	10					blank	21SBAD14MPX	
	M 14 x 1,5	17		43	10					nickel plated	21SBAD14MPN	
 <p>Female Thread</p>	G 1/8	14		40	7					blank	21SBIW10MPX	
	G 1/8	14		40	7					nickel plated	21SBIW10MPN	
	G 1/4	17		42	7					blank	21SBIW13MPX	
	G 1/4	17		42	7					nickel plated	21SBIW13MPN	
	G 3/8	19		42	7					blank	21SBIW17MPX	
	G 3/8	19		42	7					nickel plated	21SBIW17MPN	
	M 12 x 1,5	17		42	7					blank	21SBIM12MPX	
	M 12 x 1,5	17		42	7					nickel plated	21SBIM12MPN	
	M 14 x 1,5	17		42	7					blank	21SBIM14MPX	
	M 14 x 1,5	17		42	7					nickel plated	21SBIM14MPN	
	 <p>Hose Barb</p>	4 mm	14		50	17					blank	21SBTF04MPX
		4 mm	14		50	17					nickel plated	21SBTF04MPN
5 mm		14		50	17					blank	21SBTF05MPX	
5 mm		14		50	17					nickel plated	21SBTF05MPN	
6 mm		14		50	17					blank	21SBTF06MPX	
6 mm		14		50	17					nickel plated	21SBTF06MPN	
8 mm		14		50	17					blank	21SBTF08MPX	
8 mm		14		50	17					nickel plated	21SBTF08MPN	
9 mm		14		50	17					blank	21SBTF09MPX	
9 mm		14		50	17					nickel plated	21SBTF09MPN	
10 mm		14		50	17					blank	21SBTF10MPX	
10 mm		14		50	17					nickel plated	21SBTF10MPN	
6 mm Parker		14		54	20					blank	21SBTP06MPX	
6 mm Parker		14		54	20					nickel plated	21SBTP06MPN	
 <p>with Plastic Hose Connection</p>	4 x 6 mm	14		46	7	6			M 10 x 1	blank	21SBKO06MPX	
	4 x 6 mm	14		46	7	6			M 10 x 1	nickel plated	21SBKO06MPN	
	6 x 8 mm	14		46	7	6			M 12 x 1	blank	21SBKO08MPX	
	6 x 8 mm	14		46	7	6			M 12 x 1	nickel plated	21SBKO08MPN	

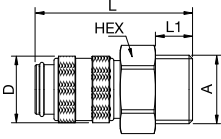
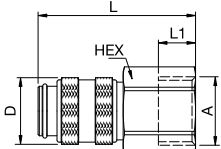
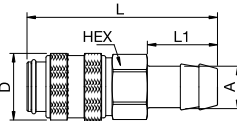
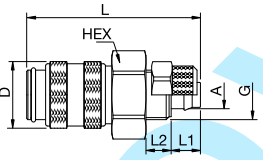
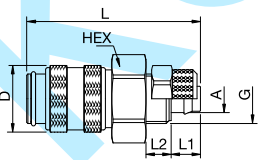


Plugs – with valve

Series 21KB

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Panel Mount with Plastic Hose Connection</p>	4 x 6 mm	14	12	58	7	18		3	M 10 x 1	blank	21SBKS06MPX
	4 x 6 mm	14	12	58	7	18		3	M 10 x 1	nickel plated	21SBKS06MPN
	6 x 8 mm	17	17	58	7	18		4	M 12 x 1	blank	21SBKS08MPX
	6 x 8 mm	17	17	58	7	18		4	M 12 x 1	nickel plated	21SBKS08MPN
 <p>Panel Mount with Hose Barb</p>	4 mm	14	14	64	17	14		4	M 10 x 1	blank	21SBTS04MPX
	4 mm	14	14	64	17	14		4	M 10 x 1	nickel plated	21SBTS04MPN
	6 mm	14	17	64	17	14		4	M 12 x 1	blank	21SBTS06MPX
	6 mm	14	17	64	17	14		4	M 12 x 1	nickel plated	21SBTS06MPN
	8 mm	14	17	64	17	14		4	M 12 x 1	blank	21SBTS08MPX
	8 mm	14	17	64	17	14		4	M 12 x 1	nickel plated	21SBTS08MPN
	10 mm	14	19	64	17	14		4	M 14 x 1	blank	21SBTS10MPX
	10 mm	14	19	64	17	14		4	M 14 x 1	nickel plated	21SBTS10MPN
 <p>Plastic Hose Connection with Spring Guard</p>	4 x 6 mm	14		130	7	6			M 10 x 1	blank	21SBKK06MPX
	4 x 6 mm	14		130	7	6			M 10 x 1	nickel plated	21SBKK06MPN
	6 x 8 mm	14		135	7	6			M 12 x 1	blank	21SBKK08MPX
	6 x 8 mm	14		135	7	6			M 12 x 1	nickel plated	21SBKK08MPN

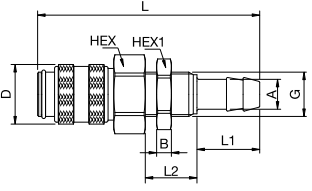
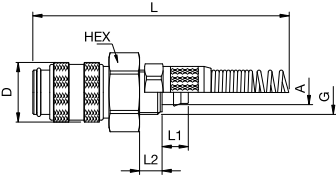


	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	G 1/8	14		36	7		16			blank	21KLAW10MPX
	G 1/8	14		36	7		16			nickel plated	21KLAW10MPN
	G 1/4	17		38	9		16			blank	21KLAW13MPX
	G 1/4	17		38	9		16			nickel plated	21KLAW13MPN
	G 3/8	19		38	9		16			blank	21KLAW17MPX
	G 3/8	19		38	9		16			nickel plated	21KLAW17MPN
 <p>Female Thread</p>	G 1/8	14		36	9		16			blank	21KLIW10MPX
	G 1/8	14		36	9		16			nickel plated	21KLIW10MPN
	G 1/4	17		38	9		16			blank	21KLIW13MPX
	G 1/4	17		38	9		16			nickel plated	21KLIW13MPN
	G 3/8	19		38	9		16			blank	21KLIW17MPX
	G 3/8	19		38	9		16			nickel plated	21KLIW17MPN
	M 14 x 1,5	17		38	6		16			blank	21KLIM14MPX
M 14 x 1,5	17		38	6		16			nickel plated	21KLIM14MPN	
 <p>Hose Barb</p>	4 mm	14		46	17		16			blank	21KLTF04MPX
	4 mm	14		46	17		16			nickel plated	21KLTF04MPN
	6 mm	14		46	17		16			blank	21KLTF06MPX
	6 mm	14		46	17		16			nickel plated	21KLTF06MPN
	8 mm	14		46	17		16			blank	21KLTF08MPX
	8 mm	14		46	17		16			nickel plated	21KLTF08MPN
	9 mm	14		46	17		16			blank	21KLTF09MPX
	9 mm	14		46	17		16			nickel plated	21KLTF09MPN
	10 mm	14		46	17		16			blank	21KLTF10MPX
	10 mm	14		46	17		16			nickel plated	21KLTF10MPN
	6 mm Parker	14		46	17		16			blank	21KLTP06MPX
	6 mm Parker	14		46	17		16			nickel plated	21KLTP06MPN
 <p>with Plastic Hose Connection</p>	4 x 6 mm	14		42	7	6	16		M 10 x 1	blank	21KLKO06MPX
	4 x 6 mm	14		42	7	6	16		M 10 x 1	nickel plated	21KLKO06MPN
	6 x 8 mm	14		42	7	6	16		M 12 x 1	blank	21KLKO08MPX
	6 x 8 mm	14		42	7	6	16		M 12 x 1	nickel plated	21KLKO08MPN
 <p>Panel Mount with Plastic Hose Connection</p>	4 x 6 mm	14	14	54	7	18	16		M 10 x 1	blank	21KLKS06MPX
	4 x 6 mm	14	14	54	7	18	16		M 10 x 1	nickel plated	21KLKS06MPN
	6 x 8 mm	17	17	54	7	18	16		M 12 x 1	blank	21KLKS08MPX
	6 x 8 mm	17	17	54	7	18	16		M 12 x 1	nickel plated	21KLKS08MPN



Couplings – flat-sealing

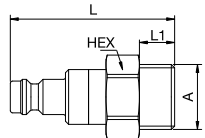
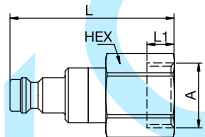
Series 21KL

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Panel Mount with Hose Barb</p>	4 mm	14	14	60	17	14	16	4	M 10 x 1	blank	21KLTS04MPX
	4 mm	14	14	60	17	14	16	4	M 10 x 1	nickel plated	21KLTS04MPN
	5 mm	17	17	60	17	14	16	4	M 12 x 1	blank	21KLTS05MPX
	5 mm	17	17	60	17	14	16	4	M 12 x 1	nickel plated	21KLTS05MPN
	6 mm	17	17	60	17	14	16	4	M 12 x 1	blank	21KLTS06MPX
	6 mm	17	17	60	17	14	16	4	M 12 x 1	nickel plated	21KLTS06MPN
	8 mm	17	17	60	17	14	16	4	M 12 x 1	blank	21KLTS08MPX
	8 mm	17	17	60	17	14	16	4	M 12 x 1	nickel plated	21KLTS08MPN
 <p>Plastic Hose Connection with Spring Guard</p>	4 x 6 mm	14		125	7	6	16		M 10 x 1	blank	21KLKK06MPX
	4 x 6 mm	14		125	7	6	16		M 10 x 1	nickel plated	21KLKK06MPN
	6 x 8 mm	14		130	7	6	16		M 10 x 1	blank	21KLKK08MPX
	6 x 8 mm	14		130	7	6	16		M 10 x 1	nickel plated	21KLKK08MPN

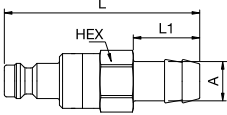
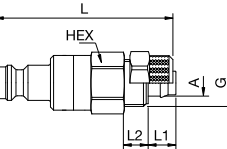
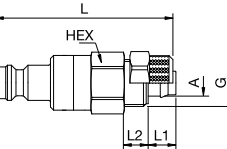
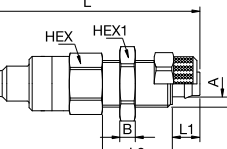
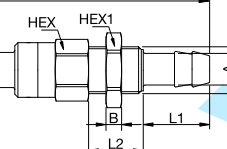
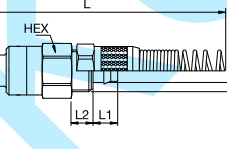


Plugs – flat-sealing

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		40	7					blank	21SLAW10MPX
	G 1/8	14		40	7					nickel plated	21SLAW10MPN
	G 1/4	17		42	9					blank	21SLAW13MPX
	G 1/4	17		42	9					nickel plated	21SLAW13MPN
	M 12 x 1,5	17		43	10					blank	21SLAD12MPX
	M 12 x 1,5	17		43	10					nickel plated	21SLAD12MPN
 <p>Female Thread</p>	G 1/8	14		40	7					blank	21SLIW10MPX
	G 1/8	14		40	7					nickel plated	21SLIW10MPN
	G 1/4	17		42	7					blank	21SLIW13MPX
	G 1/4	17		42	7					nickel plated	21SLIW13MPN
	G 3/8	19		42	7					blank	21SLIW17MPX
	G 3/8	19		42	7					nickel plated	21SLIW17MPN
	M 12 x 1,5	17		42	7					blank	21SLIM12MPX
	M 12 x 1,5	17		42	7					nickel plated	21SLIM12MPN
	M 14 x 1,5	17		42	7					blank	21SLIM14MPX
	M 14 x 1,5	17		42	7					nickel plated	21SLIM14MPN



	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Hose Barb</p>	4 mm	14		50	17					blank	21SLTF04MPX
	4 mm	14		50	17					nickel plated	21SLTF04MPN
	6 mm	14		50	17					blank	21SLTF06MPX
	6 mm	14		50	17					nickel plated	21SLTF06MPN
	8 mm	14		50	17					blank	21SLTF08MPX
	8 mm	14		50	17					nickel plated	21SLTF08MPN
	9 mm	14		50	17					blank	21SLTF09MPX
	9 mm	14		50	17					nickel plated	21SLTF09MPN
	10 mm	14		50	17					blank	21SLTF10MPX
	10 mm	14		50	17					nickel plated	21SLTF10MPN
 <p>6 mm Parker</p>	6 mm Parker	14		54	20					blank	21SLTP06MPX
	6 mm Parker	14		54	20					nickel plated	21SLTP06MPN
 <p>with Plastic Hose Connection</p>	4 x 6 mm	14		46	7	6			M 10 x 1	blank	21SLKO06MPX
	4 x 6 mm	14		46	7	6			M 10 x 1	nickel plated	21SLKO06MPN
	6 x 8 mm	14		46	7	6			M 12 x 1	blank	21SLKO08MPX
	6 x 8 mm	14		46	7	6			M 12 x 1	nickel plated	21SLKO08MPN
 <p>Panel Mount with Plastic Hose Connection</p>	6 x 8 mm	14	17	58	7	18		4	M 12 x 1	blank	21SLKS08MPX
	6 x 8 mm	14	17	58	7	18		4	M 12 x 1	nickel plated	21SLKS08MPN
 <p>Panel Mount with Hose Barb</p>	4 mm	14	14	64	17	14		4	M 10 x 1	blank	21SLTS04MPX
	4 mm	14	14	64	17	14		4	M 10 x 1	nickel plated	21SLTS04MPN
	5 mm	14	14	64	17	14		4	M 12 x 1	blank	21SLTS05MPX
	5 mm	14	14	64	17	14		4	M 12 x 1	nickel plated	21SLTS05MPN
	6 mm	14	17	64	17	14		4	M 12 x 1	blank	21SLTS06MPX
	6 mm	14	17	64	17	14		4	M 12 x 1	nickel plated	21SLTS06MPN
	10 mm	14	19	64	17	14		4	M 14 x 1	blank	21SLTS10MPX
	10 mm	14	19	64	17	14		4	M 14 x 1	nickel plated	21SLTS10MPN
 <p>Plastic Hose Connection with Spring Guard</p>	4 x 6 mm	14		130	7	6			M 10 x 1	blank	21SLKK06MPX
	4 x 6 mm	14		130	7	6			M 10 x 1	nickel plated	21SLKK06MPN
	6 x 8 mm	14		135	7	6			M 12 x 1	blank	21SLKK08MPX
	6 x 8 mm	14		135	7	6			M 12 x 1	nickel plated	21SLKK08MPN

Nominal Diameter

5,5 = 24 mm²



Tema Series

1100

Low Pressure



Technical Description

Robust design with small dimensions. Series 1100 is used mainly for applications in the area of compressed air and liquids. Optimally suited to smaller pneumatic systems and to compressed air tools with a consumption of up to 900 litres per minute. Coupling systems with two-hand operation, i.e. both hands are required when connect/disconnect.

Dust Protections  (P. 319)
for Coupling Part.-No. 2315-QC
for Plug Part.-No. 125-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**

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

20 bar

Material

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

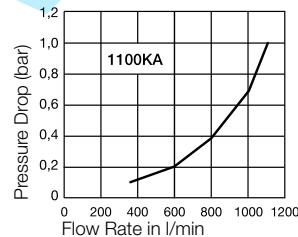
Coupling: Brass nickel plated and chrome plated
Plug: Brass nickel plated and chrome plated
Seals: NBR

Interchangeability

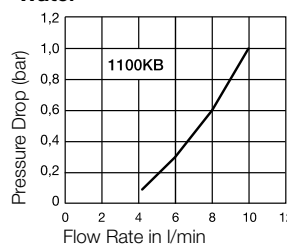
- Tema Design

Flow diagrams

Air



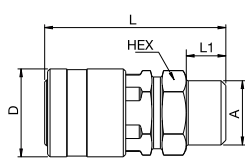
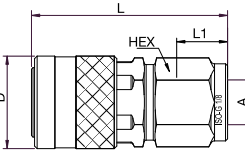
Water





Couplings – with valve

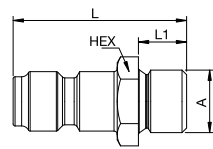
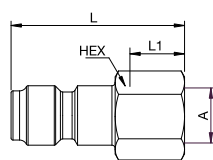
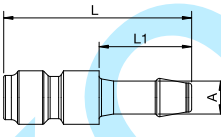
Series 1100KA

	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 1/4	15		37	8		18				1100KAAW13MPC
 <p>Female Thread</p>	G 1/8	15		38	8		18				1100KAIW10MPC

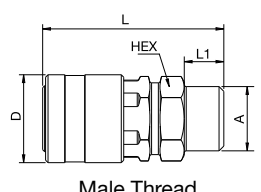
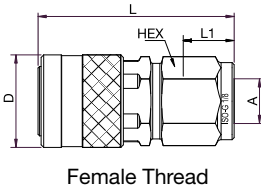


Plugs – without valve

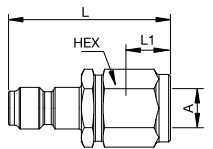
Series 1100KA

	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	12		27	7,5						1100SFAW10SXZ
 <p>Female Thread</p>	G 1/8	12		27	7						1100SFIW10SXZ
 <p>Hose Barb</p>	5 mm			33	16						1100SFTF05SXZ
	6 mm			33	16						1100SFTF06SXZ

Couplings – with valve **Series 1100KB**





	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 1/4	15		38	8		18				1100KBAW13MPC
 <p>Female Thread</p>	G 1/8	15		37	8		18				1100KBIW10MPC

Plugs – with valve **Series 1100KB**

	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 1/8	15		36	8						1100SBIW10MPC

KONVEN

Cross-Reference-List

Connection	Thread	Rectus Part Number old	Tema Part Number old	Part Number new	Page
 Couplings – with valve					
Male Thread	G 1/4	-	1100 A	1100KAAW13MPC	43
Female Thread	G 1/8	-	1100	1100KAIW10MPC	43
 Plugs – without valve					
Male Thread	G 1/8	-	11110-QC	1100SFAW10SXZ	43
Female Thread	G 1/8	-	11410	1100SFIW10SXZ	43
Hose Barb	5 mm	-	11005-QC	1100SFTF05SXZ	43
	6 mm	-	11006-QC	1100SFTF06SXZ	43
 Couplings – with valve					
Male Thread	G 1/8	-	1100 NA	1100KBAW13MPC	44
Female Thread	G 1/8	-	1100 N	1100KBIW10MPC	44
 Plugs – with valve					
Female Thread	G 1/8	-	11410 MN	1100SBIW10MPC	44

Nominal Diameter

5,5 = 25 mm²

Rectus Series

14**Technical Description**

Robust brass coupling with numerous connection options. Preferred application is the compressed air technology. Also particularly suited to use with water due to the brass valve.

Coupling system with single-hand operation. Plug design optimised through greater insert depth.

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.

Material

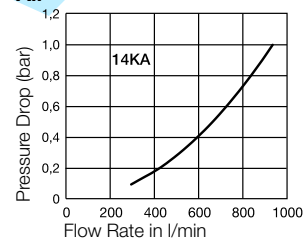
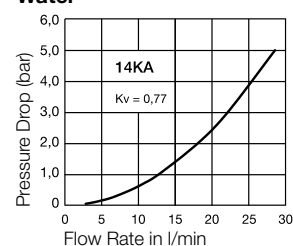
Coupling: Brass

Plug: Steel nickel plated or Brass

Seals: NBR

Interchangeability

- Rectus 22
- ARO 210
- Cejn 300
- Orion 44510
- JWL 552 + JWL 532
- various Swiss Products

Flow diagrams**Air****Water****Other designs in series 14**

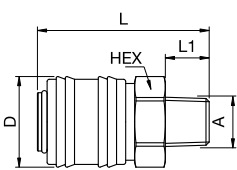
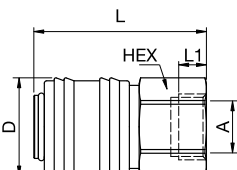
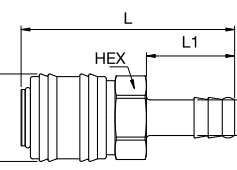
The following other designs can be found from page:

- Safety Self-Venting P. 284



Couplings – with valve

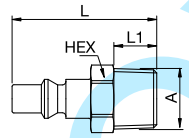
Series 14KA

	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 1/4	22		43	9		25			blank	14KAAW13MPX
	G 1/4	22		43	9		25			nickel plated	14KAAW13MPN
	G 3/8	22		43	9		25			blank	14KAAW17MPX
	G 3/8	22		43	9		25			nickel plated	14KAAW17MPN
	G 1/2	22		46	12		25			blank	14KAAW21MPX
	G 1/2	22		46	12		25			nickel plated	14KAAW21MPN
 <p>Female Thread</p>	G 1/4	22		43	9		25			blank	14KAIW13MPX
	G 1/4	22		43	9		25			nickel plated	14KAIW13MPN
	G 3/8	22		43	9		25			blank	14KAIW17MPX
	G 3/8	22		43	9		25			nickel plated	14KAIW17MPN
	G 1/2	24		46	12		25			blank	14KAIW21MPX
	G 1/2	24		46	12		25			nickel plated	14KAIW21MPN
 <p>Hose Barb</p>	6 mm	21		60	25		25			blank	14KATF06MPX
	6 mm	21		60	25		25			nickel plated	14KATF06MPN
	8 mm	21		60	25		25			blank	14KATF08MPX
	8 mm	21		60	25		25			nickel plated	14KATF08MPN
	9 mm	21		60	25		25			blank	14KATF09MPX
	9 mm	21		60	25		25			nickel plated	14KATF09MPN
	10 mm	21		60	25		25			blank	14KATF10MPX
	10 mm	21		60	25		25			nickel plated	14KATF10MPN
	13 mm	21		60	25		25			blank	14KATF13MPX
	13 mm	21		60	25		25			nickel plated	14KATF13MPN



Plugs – without valve

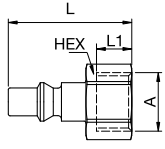
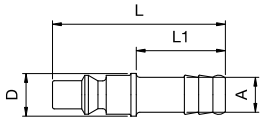
Series 22SF

	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	12		35	9					Steel	22SFAK10SXN
	R 1/4	14		41	12					Steel	22SFAK13SXN
	R 1/4	14		41	12					Brass	22SFAK13MXX
	R 1/4	14		41	12					Brass, nickel pl.	22SFAK13MXN
	G 1/4	14		41	12					Brass	22SFAW13MXX
	R 3/8	17		41	12					Steel	22SFAK17SXN
	G 3/8	17		41	12					Brass	22SFAW17MXX
	R 1/2	22		46	17					Steel	22SFAK21SXN
	G 1/2	22		46	17					Brass	22SFAW21MXX



Plugs – without valve

Series 22SF

	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	17		35	9					Steel	22SFIW13SXN
	G 1/4	17		35	9					Brass	22SFIW13MXX
	G 1/4	17		35	9					Brass, nickel pl.	22SFIW13MXN
	G 3/8	19		35	10					Steel	22SFIW17SXN
	G 3/8	19		35	10					Brass	22SFIW17MXX
	G 3/8	19		35	10					Brass, nickel pl.	22SFIW17MXN
	G 1/2	24		35	12					Steel	22SFIW21SXN
 <p>Hose Barb</p>	6 mm			49	25		12			Steel	22SFTF06SXN
	6 mm			49	25		12			Brass	22SFTF06MXX
	6 mm			49	25		12			Brass, nickel pl.	22SFTF06MXN
	8 mm			49	25		12			Steel	22SFTF08SXN
	8 mm			49	25		12			Brass	22SFTF08MXX
	8 mm			49	25		12			Brass, nickel pl.	22SFTF08MXN
	9 mm			49	25		12			Steel	22SFTF09SXN
	10 mm			49	25		12			Steel	22SFTF10SXN
	10 mm			49	25		12			Brass	22SFTF10MXX
	10 mm			49	25		12			Brass, nickel pl.	22SFTF10MXN
	13 mm			49	25		15			Steel	22SFTF13SXN
	13 mm			49	25		15			Brass	22SFTF13MXX
	13 mm			49	25		15			Brass, nickel pl.	22SFTF13MXN

KONVEN

KOVARZ S.r.l.

Nominal Diameter

5,5 = 25 mm²

Rectus Series

18**Other designs in series 18**

The following other designs can be found from page:

- Safety Self-Venting P. 286

Technical Description

Robust industrial coupling according to ISO 6150 C. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The steel sleeve counters oscillating forces. System has limited use for liquids (steel sleeve/zinc die cast valve). The high insertion depth is guaranteed by an optimised plug guide.

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

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.

Material

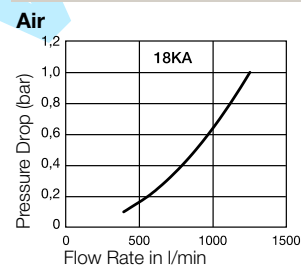
Coupling: Brass / Steel nickel plated

Plug: Steel nickel plated

Seals: NBR

Interchangeability

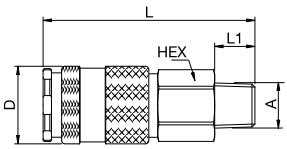
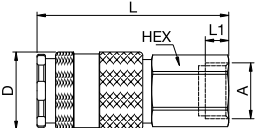
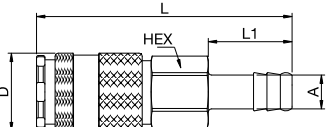
- Cejn 291
- Oetiker
- ISO 6150 C

Flow diagrams



Couplings – with valve

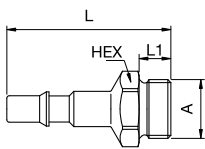
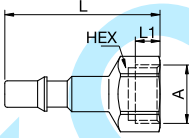
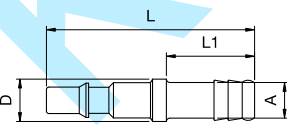
Series 18KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	19		63	12		23				18KAAK13MPN
	R 3/8	19		62	12		23				18KAAK17MPN
	R 1/2	22		63	17		23				18KAAK21MPN
 Female Thread	G 1/4	19		58	9		23				18KAIW13MPN
	G 3/8	19		57	9		23				18KAIW17MPN
	G 1/2	24		60	12		23				18KAIW21MPN
 Hose Barb	6 mm	19		76	25		23				18KATF06MPN
	8 mm	19		76	25		23				18KATF08MPN
	10 mm	19		76	25		23				18KATF10MPN
	13 mm	19		76	25		23				18KATF13MPN

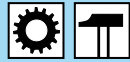


Plugs – without valve

Series 18KA

	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	17		41	9						18SFAW13SXN
	G 3/8	19		41	9						18SFAW17SXN
 Female Thread	G 1/4	17		43	9						18SFIW13SXN
	G 3/8	19		44	9						18SFIW17SXN
 Hose Barb	6 mm			59	25		12				18SFTF06SXN
	8 mm			59	25		12				18SFTF08SXN
	9 mm			59	25		12				18SFTF09SXN
	10 mm			59	25		12				18SFTF10SXN
	13 mm			59	25		16				18SFTF13SXN


Nominal Diameter

5,5 = 25 mm²

Rectus Series

19**Technical Description**

English industrial profile.
Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop.
Robust coupling in slim design mainly for pneumatic applications. The steel sleeve counters oscillating forces. The high insertion depth is guaranteed by an optimised plug guide.

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

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.

Material

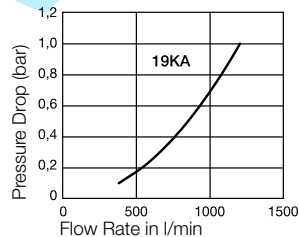
Coupling: Brass / Steel nickel plated
Plug: Steel nickel plated
Seals: NBR

Interchangeability

• PCL 60 (UK)

Flow diagrams

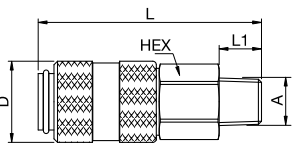
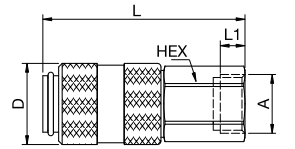
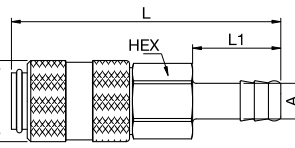
Air





Couplings – with valve

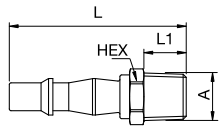
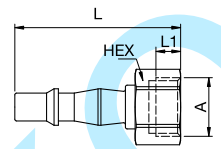
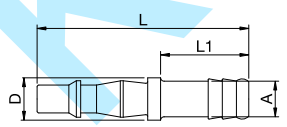
Series 19KA

	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		63	12		23				19KAAK13MPN
	R 3/8	19		62	12		23				19KAAK17MPN
	R 1/2	22		68	17		23				19KAAK21MPN
 <p>Female Thread</p>	G 1/4	19		58	9		23				19KAIW13MPN
	G 3/8	19		58	9		23				19KAIW17MPN
	G 1/2	24		60	12		23				19KAIW21MPN
 <p>Hose Barb</p>	6 mm	19		76	25		23				19KATF06MPN
	8 mm	19		76	25		23				19KATF08MPN
	10 mm	19		76	25		23				19KATF10MPN
	13 mm	19		76	25		23				19KATF13MPN

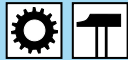


Plugs – without valve

Series 19KA

	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	14		50	12						19SFAK13SXN
	R 3/8	17		50	12						19SFAK17SXN
 <p>Female Thread</p>	G 1/4	17		46	9						19SFIW13SXN
	G 3/8	19		47	9						19SFIW17SXN
 <p>Hose Barb</p>	6 mm			60	25		12				19SFTF06SXN
	8 mm			60	25		12				19SFTF08SXN
	10 mm			60	25		12				19SFTF10SXN

Nominal Diameter

5,5 = 25 mm²

Rectus Series

22**Technical Description**

Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. Specially suited to use with gaseous media in industry. The steel sleeve counters oscillating forces. The high insertion depth is guaranteed by an optimised plug guide.

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

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.

Material

Coupling: Brass / Steel nickel plated

Plug: Steel nickel plated or Brass

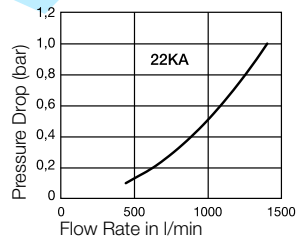
Seals: NBR

Interchangeability

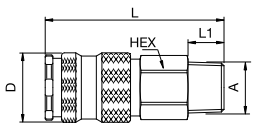
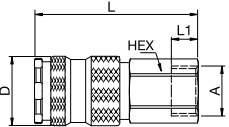
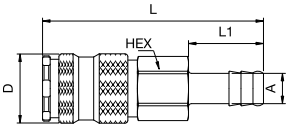
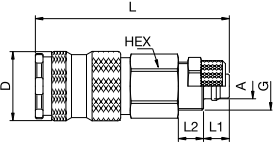
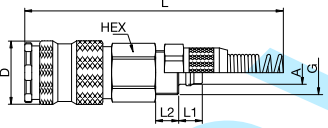
- Rectus 14
- ARO 210
- Parker 50
- Cejn 300
- Orion 44510
- JWL 522 + JWL 532
- various Swiss Products

Flow diagrams

Air



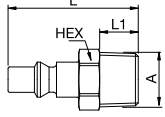
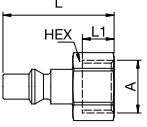
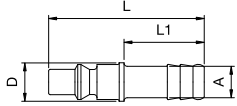


	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	R 1/4	19		61	12		23				22KAAK13MPN
	R 3/8	19		60	12		23				22KAAK17MPN
	R 1/2	22		61	17		23				22KAAK21MPN
 <p>Female Thread</p>	G 1/4	19		56	9		23				22KAIW13MPN
	G 3/8	19		55	9		23				22KAIW17MPN
	G 1/2	24		58	9		23				22KAIW21MPN
 <p>Hose Barb</p>	6 mm	19		74	25		23				22KATF06MPN
	8 mm	19		74	25		23				22KATF08MPN
	9 mm	19		74	25		23				22KATF09MPN
	10 mm	19		74	25		23				22KATF10MPN
	13 mm	19		74	25		23				22KATF13MPN
 <p>with Plastic Hose Connection</p>	6 x 8 mm	19		61	7	6	23		M 12 x 1		22KAKO08MPN
	8 x 10 mm	19		65	9	8	23		M 16 x 1		22KAKO10MPN
 <p>Plastic Hose Connection with Spring Guard</p>	6 x 8 mm	19		126	7	6	23		M 12 x 1		22KAKK08MPN



Plugs – without valve

Series 22SF

	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	12		35	9					Steel	22SFAK10SXN
	R 1/4	14		41	12					Steel	22SFAK13SXN
	R 1/4	14		41	12					Brass	22SFAK13MXX
	R 1/4	14		41	12					Brass, nickel pl.	22SFAK13MXN
	G 1/4	14		41	12					Brass	22SFAW13MXX
	R 3/8	17		41	12					Steel	22SFAK17SXN
	G 3/8	17		41	12					Brass	22SFAW17MXX
	R 1/2	22		46	17					Steel	22SFAK21SXN
G 1/2	22		46	17					Brass	22SFAW21MXX	
 <p>Female Thread</p>	G 1/4	17		35	9					Steel	22SFIW13SXN
	G 1/4	17		35	9					Brass	22SFIW13MXX
	G 1/4	17		35	9					Brass, nickel pl.	22SFIW13MXN
	G 3/8	19		35	10					Steel	22SFIW17SXN
	G 3/8	19		35	10					Brass	22SFIW17MXX
	G 3/8	19		35	10					Brass, nickel pl.	22SFIW17MXN
	G 1/2	24		35	12					Steel	22SFIW21SXN
 <p>Hose Barb</p>	6 mm			49	25		12			Steel	22SFTF06SXN
	6 mm			49	25		12			Brass	22SFTF06MXX
	6 mm			49	25		12			Brass, nickel pl.	22SFTF06MXN
	8 mm			49	25		12			Steel	22SFTF08SXN
	8 mm			49	25		12			Brass	22SFTF08MXX
	8 mm			49	25		12			Brass, nickel pl.	22SFTF08MXN
	9 mm			49	25		12			Steel	22SFTF09SXN
	10 mm			49	25		12			Steel	22SFTF10SXN
	10 mm			49	25		12			Brass	22SFTF10MXX
	10 mm			49	25		12			Brass, nickel pl.	22SFTF10MXN
	13 mm			49	25		15			Steel	22SFTF13SXN
	13 mm			49	25		15			Brass	22SFTF13MXX
13 mm			49	25		15			Brass, nickel pl.	22SFTF13MXN	

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**Technical Description**

1/4" industrial coupling according to ISO 6150 B and US MIL-SPEC 4109. Especially suitable for use with gaseous media in industry. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. Steel sleeve counters oscillating forces. The high insertion depth is guaranteed by an optimised plug guide.

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

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.

Material

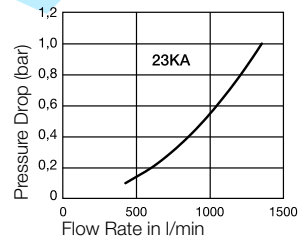
Coupling: Brass / Steel nickel plated

Plug: Steel nickel plated or Brass

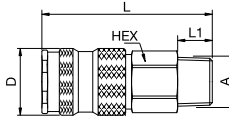
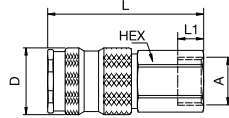
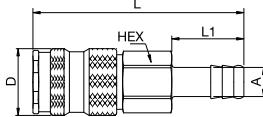
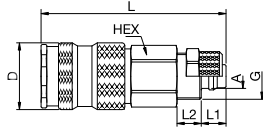
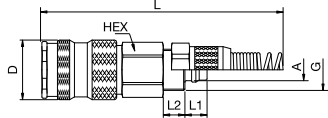
Seals: NBR

Interchangeability

- Industr. Interchange 1/4"
- US-MIL-SPEC-C-4109
- ISO 6150 B
- Rectus 24, 1400, 1423
- Cejn 310
- Hansen 3000
- Faster
- Gromelle 600
- Parker 20 1/4" + 30 1/4"
- JWL 521 + JWL 531

Flow diagrams**Air**

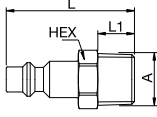
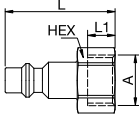
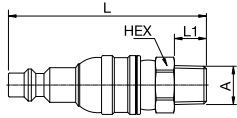
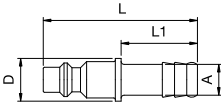


	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	R 1/4	19		61	12		23				23KAAK13MPN
	R 3/8	19		60	12		23				23KAAK17MPN
	R 1/2	22		61	17		23				23KAAK21MPN
 <p>Female Thread</p>	G 1/4	19		56	9		23				23KAIW13MPN
	G 3/8	19		54	9		23				23KAIW17MPN
	G 1/2	24		58	9		23				23KAIW21MPN
 <p>Hose Barb</p>	6 mm	19		74	25		23				23KATF06MPN
	8 mm	19		74	25		23				23KATF08MPN
	9 mm	19		74	25		23				23KATF09MPN
	10 mm	19		74	25		23				23KATF10MPN
	13 mm	19		74	25		23				23KATF13MPN
 <p>with Plastic Hose Connection</p>	8 x 10 mm	19		64	9	8	23		M 16 x 1		23KAKO10MPN
 <p>Plastic Hose Connection with Spring Guard</p>	9 x 12 mm	19		163	9	8	23		M 16 x 1		23KAKK12MPN



Plugs – without valve

Series 23KA

	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		39	9					Steel	23SFAK10SXN
	R 1/4	14		42	12					Steel	23SFAK13SXN
	G 1/4	14		42	12					Brass	23SFAW13MXX
	R 3/8	17		42	12					Steel	23SFAK17SXN
	G 3/8	17		42	12					Brass	23SFAW17MXX
	R 1/2	22		48	17					Steel	23SFAK21SXN
 <p>Female Thread</p>	G 1/8	14		36	9					Steel	23SFIW10SXN
	G 1/4	17		36	9					Steel	23SFIW13SXN
	G 1/4	17		36	9					Brass	23SFIW13MXX
	G 3/8	19		36	9					Steel	23SFIW17SXN
	G 3/8	19		36	9					Brass	23SFIW17MXX
	G 1/2	24		39	12					Steel	23SFIW21SXN
 <p>Flex Joint, Male Thread</p>	R 1/4	17		68	11					Steel	23FAAK13SPN
 <p>Hose Barb</p>	6 mm			51	25		14			Steel	23SFTF06SXN
	6 mm			51	25		14			Brass	23SFTF06MXX
	8 mm			51	25		14			Steel	23SFTF08SXN
	8 mm			51	25		14			Brass	23SFTF08MXX
	9 mm			51	25		14			Steel	23SFTF09SXN
	9 mm			51	25		14			Brass	23SFTF09MXX
	10 mm			51	25		14			Steel	23SFTF10SXN
	10 mm			51	25		14			Brass	23SFTF10MXX
	13 mm			51	25		14			Steel	23SFTF13SXN

KOVARZ S.r.l.

Nominal Diameter

5,5 = 25 mm²

Rectus Tema Series

1400**Other designs in series 1400**

The following other designs can be found from page:

- Safety Self-Venting P. 288

Technical Description

RectusTema premium industrial coupling 1/4" according to ISO 6150 B. Suitable for compressed air applications with greater than average air consumption. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop.

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

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

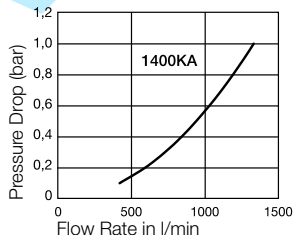
** maximum static working pressure with safety factor 4 to 1.

Material

Coupling: Brass nickel plated,
Steel QPQ treated
Plug: Steel nickel plated or Brass
Seals: NBR

Interchangeability

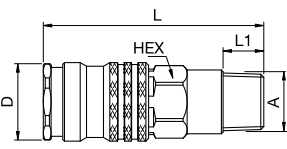
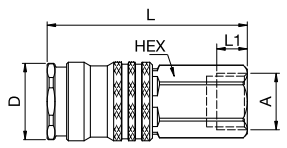
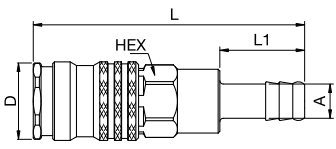
- Rectus 23 + 24
- Rectus 1423
- Industr. Interchange 1/4"
- US-MIL-SPEC-C-4109
- ISO 6150 B
- Cejn 310
- Hansen 3000
- Faster
- Gromelle 600
- JWL 521 + JWL 531

Flow diagrams**Air**



Couplings – with valve

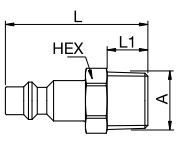
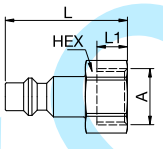
Series 1400KA

	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		65	12		23				1400KAAK13SPN
	R 3/8	19		65	12		23				1400KAAK17SPN
	R 1/2	22		59,5	17		23				1400KAAK21SPN
 <p>Female Thread</p>	G 1/4	19		59	9		23				1400KAIW13SPN
	G 3/8	19		59	9		23				1400KAIW17SPN
	G 1/2	24		62	12		23				1400KAIW21SPN
 <p>Hose Barb</p>	6 mm	19		80	25		23				1400KATF06SPN
	8 mm	19		80	25		23				1400KATF08SPN
	10 mm	19		80	25		23				1400KATF10SPN
	13 mm	19		80	25		23				1400KATF13SPN



Plugs – without valve

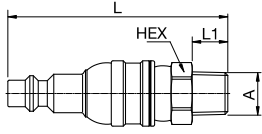
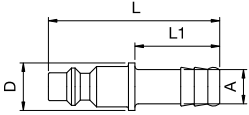
Series 23SF

	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		39	9					Steel	23SFAK10SXN
	R 1/4	14		42	12					Steel	23SFAK13SXN
	G 1/4	14		42	12					Brass	23SFAW13MXX
	R 3/8	17		42	12					Steel	23SFAK17SXN
	G 3/8	17		42	12					Brass	23SFAW17MXX
	R 1/2	22		48	17					Steel	23SFAK21SXN
 <p>Female Thread</p>	G 1/8	14		36	9					Steel	23SFIW10SXN
	G 1/4	17		36	9					Steel	23SFIW13SXN
	G 1/4	17		36	9					Brass	23SFIW13MXX
	G 3/8	19		36	9					Steel	23SFIW17SXN
	G 3/8	19		36	9					Brass	23SFIW17MXX
	G 1/2	24		39	12					Steel	23SFIW21SXN



Plugs – without valve

Series 23SF

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Flex Joint, Male Thread</p>	R 1/4	17		68	11					Steel	23FAAK13SPN
 <p>Hose Barb</p>	6 mm			51	25		14			Steel	23SFTF06SXN
	6 mm			51	25		14			Brass	23SFTF06MXX
	8 mm			51	25		14			Steel	23SFTF08SXN
	8 mm			51	25		14			Brass	23SFTF08MXX
	9 mm			51	25		14			Steel	23SFTF09SXN
	9 mm			51	25		14			Brass	23SFTF09MXX
	10 mm			51	25		14			Steel	23SFTF10SXN
	10 mm			51	25		14			Brass	23SFTF10MXX
	13 mm			51	25		14			Steel	23SFTF13SXN

KOVARZ S.r.l.

Nominal Diameter

5,5 = 25 mm²

Rectus Series

1423**Technical Description**

RectusTema premium industrial coupling 1/4" according to ISO 6150 B. Suitable for compressed air applications with greater than average air consumption. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. Extremely robust and ergonomically shaped, 2-component plastic sleeve.

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

Working Temperature*

-20°C up to +80°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

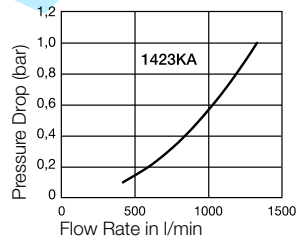
** maximum static working pressure with safety factor 4 to 1.

Material

Coupling: Brass nickel plated,
Steel QPQ treated, PA6+TPE
Plug: Steel nickel plated or Brass
Seals: NBR

Interchangeability

- Rectus 23 + 24
- Rectus 1400
- Industr. Interchange 1/4"
- US-MIL-SPEC-C-4109
- ISO 6150 B
- Cejn 310
- Hansen 3000
- Faster
- Gromelle 600
- JWL 521 + JWL 531

Flow diagrams**Air**



Couplings – with valve

Series 1423KA

	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		65	12		26				1423KAAK13SPN
	R 3/8	19		65	12		26				1423KAAK17SPN
	R 1/2	22		59,5	17		26				1423KAAK21SPN
<p>Female Thread</p>	G 1/4	19		59	9		26				1423KAIW13SPN
	G 3/8	19		59	9		26				1423KAIW17SPN
	G 1/2	24		62	12		26				1423KAIW21SPN
<p>Hose Barb</p>	6 mm	19		80	25		26				1423KATF06SPN
	8 mm	19		80	25		26				1423KATF08SPN
	9 mm	19		80	25		26				1423KATF09SPN
	10 mm	19		80	25		26				1423KATF10SPN
	13 mm	19		80	25		26				1423KATF13SPN



Plugs – without valve

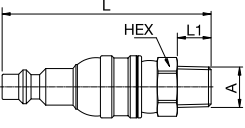
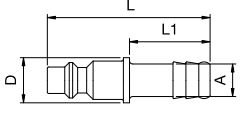
Series 23SF

	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		39	9					Steel	23SFAK10SXN
	R 1/4	14		42	12					Steel	23SFAK13SXN
	G 1/4	14		42	12					Brass	23SFAW13MXX
	R 3/8	17		42	12					Steel	23SFAK17SXN
	G 3/8	17		42	12					Brass	23SFAW17MXX
	R 1/2	22		48	17					Steel	23SFAK21SXN
<p>Female Thread</p>	G 1/8	14		36	9					Steel	23SFIW10SXN
	G 1/4	17		36	9					Steel	23SFIW13SXN
	G 1/4	17		36	9					Brass	23SFIW13MXX
	G 3/8	19		36	9					Steel	23SFIW17SXN
	G 3/8	19		36	9					Brass	23SFIW17MXX
	G 1/2	24		39	12					Steel	23SFIW21SXN



Plugs – without valve

Series 23SF

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Flex Joint, Male Thread</p>	R 1/4	17		68	11					Steel	23FAAK13SPN
 <p>Hose Barb</p>	6 mm			51	25		14			Steel	23SFTF06SXN
	6 mm			51	25		14			Brass	23SFTF06MXX
	8 mm			51	25		14			Steel	23SFTF08SXN
	8 mm			51	25		14			Brass	23SFTF08MXX
	9 mm			51	25		14			Steel	23SFTF09SXN
	9 mm			51	25		14			Brass	23SFTF09MXX
	10 mm			51	25		14			Steel	23SFTF10SXN
	10 mm			51	25		14			Brass	23SFTF10MXX
	13 mm			51	25		14			Steel	23SFTF13SXN

KOVARZ S.r.l.

Nominal Diameter

5,5 = 25 mm²

Rectus Series

24**Technical Description**

1/4" Industrial brass coupling according to ISO 6150 B and US MIL-SPEC 4109.

Coupling system with single-hand operation, which stands out for its solid brass design and corresponding sleeve design. Hardened steel plug counters vibrations and effects of external forces.

Working Temperature*

-20°C up to +100°C (NBR) depending on the medium.

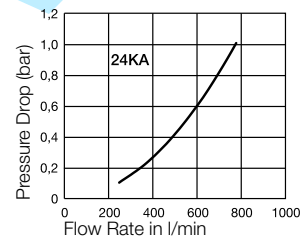
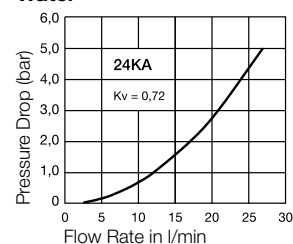
* For temperatures below -20°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.

**Working Pressure******35 bar**

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

Material**Coupling:** Brass**Plug:** Steel nickel plated or Brass**Seals:** NBR**Interchangeability**

- Rectus 23
- Rectus 1400/1423
- Industr. Interchange 1/4"
- US-MIL-SPEC-C-4109
- ISO 6150 B
- Cejn 310
- Hansen 3000
- Faster
- Gromelle 600
- Parker 20 1/4" + 30 1/4"
- JWL 521 + JWL 531

Flow diagrams**Air****Water****Other designs in series 24**

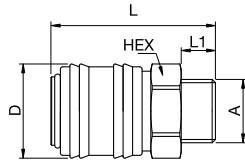
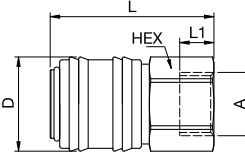
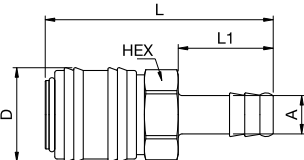
The following other designs can be found from page:

- Safety Self-Venting P. 290



Couplings – with valve

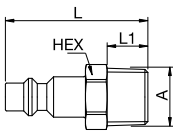
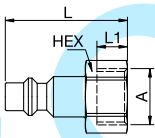
Series 24KA

	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 1/4	22		43	9		25			blank	24KAAW13MPX
	G 1/4	22		43	9		25			nickel plated	24KAAW13MPN
	G 3/8	22		43	9		25			blank	24KAAW17MPX
	G 3/8	22		43	9		25			nickel plated	24KAAW17MPN
	G 1/2	22		46	12		25			blank	24KAAW21MPX
	G 1/2	22		46	12		25			nickel plated	24KAAW21MPN
 <p>Female Thread</p>	G 1/4	22		43	11		25			blank	24KAIW13MPX
	G 1/4	22		43	11		25			nickel plated	24KAIW13MPN
	G 3/8	22		43	9		25			blank	24KAIW17MPX
	G 3/8	22		43	9		25			nickel plated	24KAIW17MPN
	G 1/2	22		46	12		25			blank	24KAIW21MPX
	G 1/2	22		46	12		25			nickel plated	24KAIW21MPN
 <p>Hose Barb</p>	6 mm	21		60	25		25			blank	24KATF06MPX
	8 mm	21		60	25		25			blank	24KATF08MPX
	8 mm	21		60	25		25			nickel plated	24KATF08MPN
	9 mm	21		60	25		25			blank	24KATF09MPX
	10 mm	21		60	25		25			blank	24KATF10MPX
	13 mm	21		60	25		25			blank	24KATF13MPX



Plugs - without valve

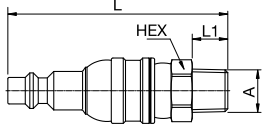
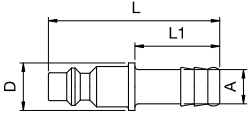
Series 23SF

	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		39	9					Steel	23SFAK10SXN
	R 1/4	14		42	12					Steel	23SFAK13SXN
	G 1/4	14		42	12					Brass	23SFAW13MXX
	R 3/8	17		42	12					Steel	23SFAK17SXN
	G 3/8	17		42	12					Brass	23SFAW17MXX
	R 1/2	22		48	17					Steel	23SFAK21SXN
 <p>Female Thread</p>	G 1/8	14		36	9					Steel	23SFIW10SXN
	G 1/4	17		36	9					Steel	23SFIW13SXN
	G 1/4	17		36	9					Brass	23SFIW13MXX
	G 3/8	19		36	9					Steel	23SFIW17SXN
	G 3/8	19		36	9					Brass	23SFIW17MXX
	G 1/2	24		39	12					Steel	23SFIW21SXN



Plugs – without valve

Series 23SF

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Flex Joint, Male Thread</p>	R 1/4	17		68	11					Steel	23FAAK13SPN
 <p>Hose Barb</p>	6 mm			51	25		14			Steel	23SFTF06SXN
	6 mm			51	25		14			Brass	23SFTF06MXX
	8 mm			51	25		14			Steel	23SFTF08SXN
	8 mm			51	25		14			Brass	23SFTF08MXX
	9 mm			51	25		14			Steel	23SFTF09SXN
	9 mm			51	25		14			Brass	23SFTF09MXX
	10 mm			51	25		14			Steel	23SFTF10SXN
	10 mm			51	25		14			Brass	23SFTF10MXX
	13 mm			51	25		14			Steel	23SFTF13SXN

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Nominal Diameter

6 = 28 mm²

Rectus Series

206**Other designs in series 206**

The following other designs can be found from page:

► Stainless Steel P. 200

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*

-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****

15 bar

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

Material

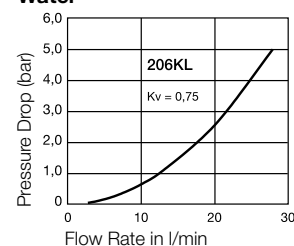
Coupling: Brass nickel plated

Plug: Brass nickel plated

Seals: NBR

Interchangeability

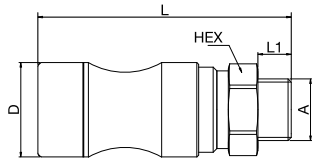
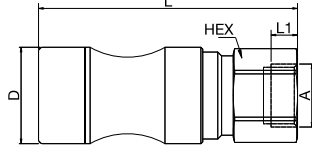
• Rectus Design

Flow diagrams**Water**



Couplings – flat-sealing

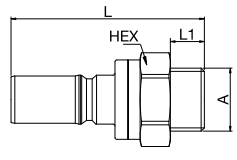
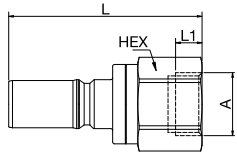
Series 206KL

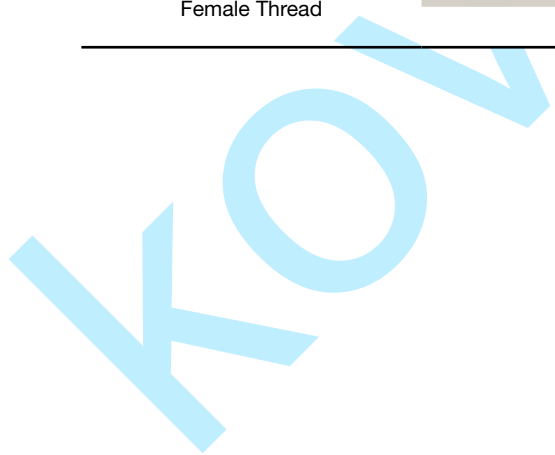
	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	G 3/8	22		68,5	9		25,5				206KLAW17MPN
	G 1/2	22		71,5	12		25,5				206KLAW21MPN
 <p>Female Thread</p>	G 3/8	22		68,5	7		25,5				206KLIW17MPN
	G 1/2	24		71,5	10		25,5				206KLIW21MPN



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		51	9						206SLAW17MPN
	G 1/2	22		54	12						206SLAW21MPN
 <p>Female Thread</p>	G 3/8	22		51	7						206SLIW17MPN
	G 1/2	24		54	10						206SLIW21MPN





Technical Description

Coupling system with German industrial profile. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. Robust coupling in slim design mainly for pneumatic applications. The steel sleeve counters oscillating forces. The high insertion depth is guaranteed by an optimised plug guide.

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

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**

50 bar

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

50 bar

Material

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

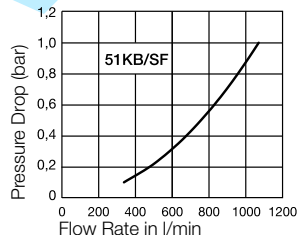
Coupling: Brass / Steel nickel plated
Plug: Brass / Steel nickel plated
Seals: NBR

Interchangeability

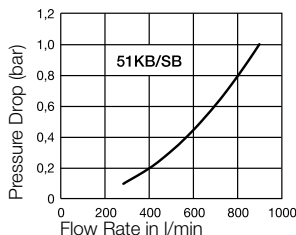
- Walther SP006

Flow diagrams

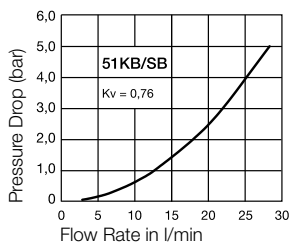
Air



Air



Water





Couplings – with valve

Series 51KB

	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 1/4	22		61	9		22				51KBAW13SPN
	G 3/8	22		61	9		22				51KBAW17SPN
	G 1/2	22		61	12		22				51KBAW21SPN
<p>Female Thread</p>	G 1/4	22		63	12		22				51KBIW13SPN
	G 3/8	22		63	12		22				51KBIW17SPN
	G 1/2	24		64	13		22				51KBIW21SPN
<p>Hose Barb</p>	6 mm	21		78	25		22				51KBTF06SPN
	9 mm	21		78	25		22				51KBTF09SPN
	13 mm	21		78	25		22				51KBTF13SPN



Plugs – without valve

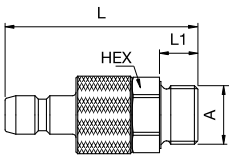
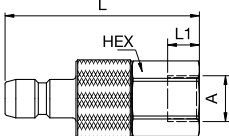
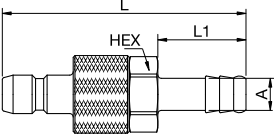
Series 51SF

	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 1/4	17		35	9						51SFAW13SXN
	G 3/8	19		36	9						51SFAW17SXN
<p>Female Thread</p>	G 1/4	17		34	11						51SFIW13SXN
	G 3/8	19		34	11						51SFIW17SXN
<p>Hose Barb</p>	6 mm			46	25		11				51SFTF06SXN
	9 mm			46	25		11				51SFTF09SXN



Plugs – with valve

Series 51SB

	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 1/4	19		54	8						51SBAW13SPN
	G 3/8	22		49,5	9						51SBAW17SPN
	G 1/2	22		49,5	12						51SBAW21SPN
 <p>Female Thread</p>	G 1/4	22		51,5	12						51SBIW13SPN
	G 3/8	22		51,5	12						51SBIW17SPN
 <p>Hose Barb</p>	6 mm	21		65,5	25						51SBTF06SPN
	9 mm	21		65,5	25						51SBTF09SPN
	13 mm	21		65,5	25						51SBTF13SPN

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Technical Description

Coupling system with German industrial profile. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. Robust coupling in slim design mainly for pneumatic applications. The steel sleeve counters oscillating forces. The high insertion depth is guaranteed by an optimised plug guide.

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

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**

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

50 bar

Material

Coupling: Brass / Steel nickel plated
Plug: Steel nickel plated
Seal: NBR

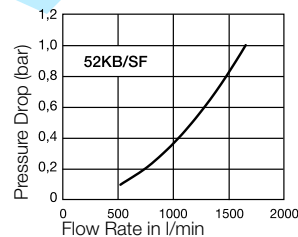
Coupling: Brass / Steel nickel plated
Plug: Brass / Steel nickel plated
Seals: NBR

Interchangeability

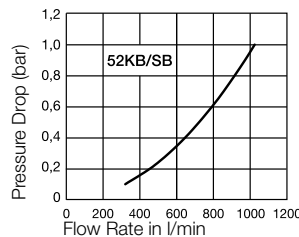
- Walther LP006

Flow diagrams

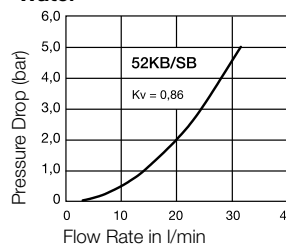
Air

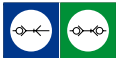


Air



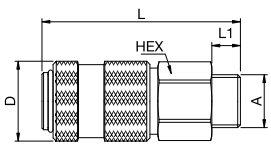
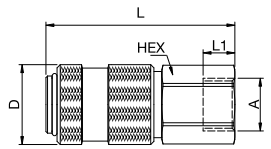
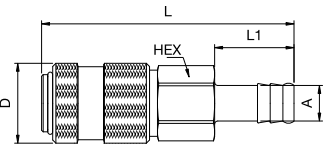
Water





Couplings – with valve

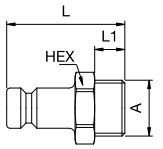
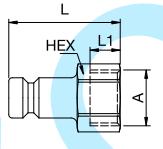
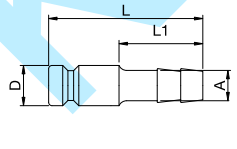
Series 52KB

	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	22		62	9		25				52KBAW13SPN
	G 3/8	22		62	9		25				52KBAW17SPN
	G 1/2	22		65	12		25				52KBAW21SPN
 Female Thread	G 1/4	22		62	10		25				52KBIW13SPN
	G 3/8	22		60	10		25				52KBIW17SPN
	G 1/2	22		65	13		25				52KBIW21SPN
 Hose Barb	6 mm	21		79	25		25				52KBTF06SPN
	9 mm	21		80	25		25				52KBTF09SPN
	10 mm	21		80	25		25				52KBTF10SPN
	11 mm	21		80	25		25				52KBTF11SPN
	13 mm	21		79	25		25				52KBTF13SPN



Plugs – without valve

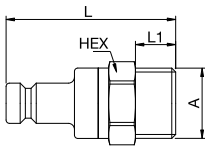
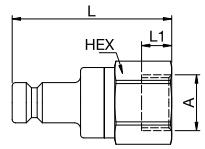
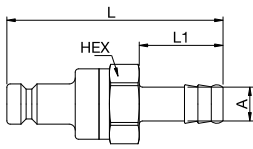
Series 52SF

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	G 1/8	14		32	7						52SFAW10SXN
	G 1/4	17		35	9						52SFAW13SXN
	G 3/8	19		35	9						52SFAW17SXN
	G 1/2	24		38	12						52SFAW21SXN
 Female Thread	G 1/8	14		31	7						52SFIW10SXN
	G 1/4	17		33	9						52SFIW13SXN
	G 3/8	19		33	9						52SFIW17SXN
	G 1/2	24		36	12						52SFIW21SXN
 Hose Barb	6 mm			46	25		12				52SFTF06SXN
	9 mm			46	25		12				52SFTF09SXN
	11 mm			53	30		12				52SFTF11SXN
	13 mm			53	30		12				52SFTF13SXN



Plugs – with valve

Series 52SB

	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 1/4	22		48	9						52SBAW13SPN
	G 3/8	22		48	9						52SBAW17SPN
	G 1/2	22		48	12						52SBAW21SPN
 <p>Female Thread</p>	G 1/4	22		48	9						52SBIW13SPN
	G 3/8	22		48	9						52SBIW17SPN
 <p>Hose Barb</p>	6 mm	21		77,5	25						52SBTF06SPN
	8 mm	21		77,5	25						52SBTF08SPN
	9 mm	21		77,5	25						52SBTF09SPN
	10 mm	21		77,5	25						52SBTF10SPN
	13 mm	21		77,5	25						52SBTF13SPN

KOVAR S.r.l.



Technical Description

Universal brass coupling with European standard industrial profile.
Coupling system with single-hand operation and standard-valve. Small mass size. The ergonomic sleeve design prevents dirt on the valve body.

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 26

The following other designs can be found from page:

- ▶ Stainless Steel P. 202
- ▶ Safety Self-Venting P. 292



Working Pressure**

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

35 bar

Features

- Series 26 plugs in brass
- Series 25 steel plugs recommended for oscillating forces

Material

Coupling: Brass
Plug: Brass
Seals: NBR

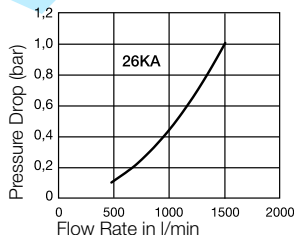
Coupling: Brass
Plug: Brass
Seals: NBR

Interchangeability

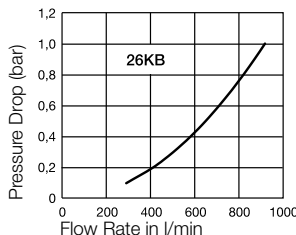
- Rectus 25
- Rectus 1600/1625
- Cejn 320
- JWL 520 + JWL 530
- various German Products

Flow diagrams

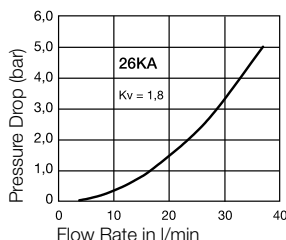
Air



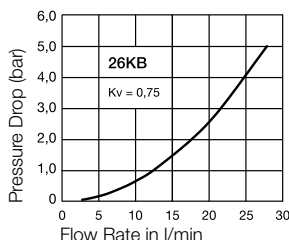
Air

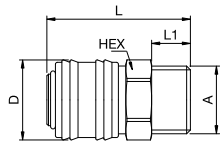


Water



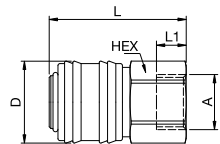
Water





Male Thread

Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
G 1/8	22		43	9		25			blank	26KAAW10MPX
G 1/8	22		43	9		25			nickel plated	26KAAW10MPN
G 1/4	22		39	9		25			blank	26KAAW13MPX
G 1/4	22		39	9		25			nickel plated	26KAAW13MPN
G 3/8	22		41	9		25			blank	26KAAW17MPX
G 3/8	22		41	9		25			nickel plated	26KAAW17MPN
G 1/2	22		44	12		25			blank	26KAAW21MPX
G 1/2	22		44	12		25			nickel plated	26KAAW21MPN
G 1/2	24		44	12		25			blank	26KAAW21MPXS_36
G 1/2	24		44	12		25			nickel plated	26KAAW21MPNS_09
M 14 x 1,5	22		42	10		25			blank	26KAAD14MPX
M 14 x 1,5	22		42	10		25			nickel plated	26KAAD14MPN
M 16 x 1,5	22		43	11		25			blank	26KAAD16MPX
M 16 x 1,5	22		43	11		25			nickel plated	26KAAD16MPN
M 18 x 1,5	22		43	11		25			blank	26KAAD18MPX
M 18 x 1,5	22		43	11		25			nickel plated	26KAAD18MPN



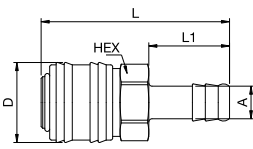
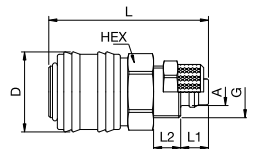
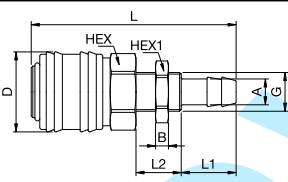
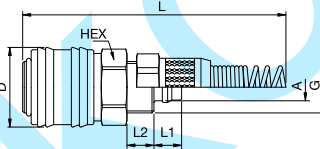
Female Thread

G 1/4	22		41	9		25			blank	26KAIW13MPX
G 1/4	22		41	9		25			nickel plated	26KAIW13MPN
G 3/8	22		41	9		25			blank	26KAIW17MPX
G 3/8	22		41	9		25			nickel plated	26KAIW17MPN
G 1/2	24		44	10		25			blank	26KAIW21MPX
G 1/2	24		44	10		25			nickel plated	26KAIW21MPN
M 14 x 1,5	22		44	9		25			blank	26KAIM14MPX
M 14 x 1,5	22		44	9		25			nickel plated	26KAIM14MPN
M 16 x 1,5	22		44	9		25			blank	26KAIM16MPX
M 16 x 1,5	22		44	9		25			nickel plated	26KAIM16MPN
M 18 x 1,5	22		44	9		25			blank	26KAIM18MPX
M 18 x 1,5	22		44	9		25			nickel plated	26KAIM18MPN



Couplings – with valve

Series 26KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number	
 <p>Hose Barb</p>	6 mm	21		58	25		25			blank	26KATF06MPX	
	6 mm	21		58	25		25			nickel plated	26KATF06MPN	
	8 mm	21		58	25		25			blank	26KATF08MPX	
	8 mm	21		58	25		25			nickel plated	26KATF08MPN	
	9 mm	21		58	25		25			blank	26KATF09MPX	
	9 mm	21		58	25		25			nickel plated	26KATF09MPN	
	10 mm	21		58	25		25			blank	26KATF10MPX	
	10 mm	21		58	25		25			nickel plated	26KATF10MPN	
	13 mm	21		58	25		25			blank	26KATF13MPX	
	13 mm	21		58	25		25			nickel plated	26KATF13MPN	
	6 mm Parker	21		58	20,5		25				blank	26KATP06MPX
	6 mm Parker	21		58	20,5		25				nickel plated	26KATP06MPN
	10 mm Parker	21		58	24		25				blank	26KATP10MPX
	10 mm Parker	21		58	24		25				nickel plated	26KATP10MPN
	13 mm Parker	21		58	28		25				blank	26KATP13MPX
	13 mm Parker	21		58	28		25				nickel plated	26KATP13MPN
 <p>with Plastic Hose Connection</p>	4 x 6 mm	21		58	7	6	25		M 10 x 1	blank	26KAKO06MPX	
	4 x 6 mm	21		58	7	6	25		M 10 x 1	nickel plated	26KAKO06MPN	
	6 x 8 mm	21		45	7	6	25		M 12 x 1	blank	26KAKO08MPX	
	6 x 8 mm	21		45	7	6	25		M 12 x 1	nickel plated	26KAKO08MPN	
	8 x 10 mm	21		49	9	8	25		M 16 x 1	blank	26KAKO10MPX	
	8 x 10 mm	21		49	9	8	25		M 16 x 1	nickel plated	26KAKO10MPN	
	9 x 12 mm	21		49	9	8	25		M 16 x 1	blank	26KAKO12MPX	
	9 x 12 mm	21		49	9	8	25		M 16 x 1	nickel plated	26KAKO12MPN	
 <p>Panel Mount with Hose Barb</p>	6 mm	21	17	60	17	10	25	4	M 12 x 1	blank	26KATS06MPX	
	6 mm	21	17	60	17	10	25	4	M 12 x 1	nickel plated	26KATS06MPN	
	8 mm	21	17	63	17	14	25	4	M 12 x 1	blank	26KATS08MPX	
	8 mm	21	17	63	17	14	25	4	M 12 x 1	nickel plated	26KATS08MPN	
	10 mm	21	17	72	25	14	25	4	G 1/4	blank	26KATS10MPX	
	10 mm	21	17	72	25	14	25	4	G 1/4	nickel plated	26KATS10MPN	
 <p>Plastic Hose Connection with Spring Guard</p>	6 x 8 mm	21		132	7	6	25		M 12 x 1	blank	26KAKK08MPX	
	6 x 8 mm	21		132	7	6	25		M 12 x 1	nickel plated	26KAKK08MPN	
	8 x 10 mm	21		143	9	8	25		M 16 x 1	blank	26KAKK10MPX	
	8 x 10 mm	21		143	9	8	25		M 16 x 1	nickel plated	26KAKK10MPN	
	9 x 12 mm	21		150	9	8	25		M 16 x 1	blank	26KAKK12MPX	
	9 x 12 mm	21		150	9	8	25		M 16 x 1	nickel plated	26KAKK12MPN	



Plugs – without valve

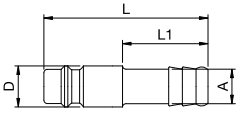
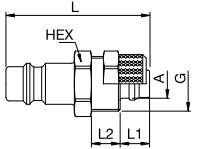
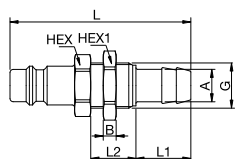
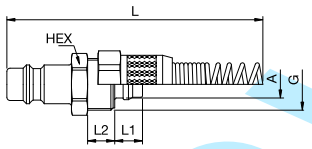
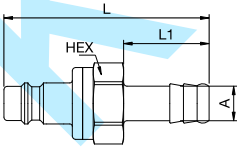
Series 26KA

Brass/Steel

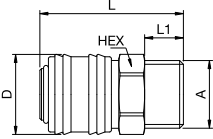
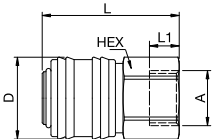
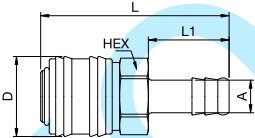
Low Pressure

Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
G 1/8	14		31	7					blank	26SFAW10MXX
G 1/8	14		31	7					nickel plated	26SFAW10MXN
G 1/4	17		33	9					blank	26SFAW13MXX
G 1/4	17		33	9					nickel plated	26SFAW13MXN
G 3/8	19		33	9					blank	26SFAW17MXX
G 3/8	19		33	9					nickel plated	26SFAW17MXN
G 1/2	24		38	12					blank	26SFAW21MXX
G 1/2	24		38	12					nickel plated	26SFAW21MXN
M 14 x 1,5	17		35	10					blank	26SFAD14MXX
M 14 x 1,5	17		35	10					nickel plated	26SFAD14MXN
M 16 x 1,5	19		36	11					blank	26SFAD16MXX
M 16 x 1,5	19		36	11					nickel plated	26SFAD16MXN
M 18 x 1,5	22		37	11					blank	26SFAD18MXX
M 18 x 1,5	22		37	11					nickel plated	26SFAD18MXN
Male Thread										
G 1/8	14		30	7					blank	26SFIW10MXX
G 1/8	14		30	7					nickel plated	26SFIW10MXN
G 1/4	17		33	10					blank	26SFIW13MXX
G 1/4	17		33	10					nickel plated	26SFIW13MXN
G 3/8	19		33	10					blank	26SFIW17MXX
G 3/8	19		33	10					nickel plated	26SFIW17MXN
G 1/2	24		35	12					blank	26SFIW21MXX
G 1/2	24		35	12					nickel plated	26SFIW21MXN
M 14 x 1,5	17		33	10					blank	26SFIM14MXX
M 14 x 1,5	17		33	10					nickel plated	26SFIM14MXN
M 16 x 1,5	19		33	10					blank	26SFIM16MXX
M 16 x 1,5	19		33	10					nickel plated	26SFIM16MXN
M 18 x 1,5	22		36	13					blank	26SFIM18MXX
M 18 x 1,5	22		36	13					nickel plated	26SFIM18MXN
Female Thread										
4 mm			48	25		12			blank	26SFTF04MXX
4 mm			48	25		12			nickel plated	26SFTF04MXN
6 mm			48	25		12			blank	26SFTF06MXX
6 mm			48	25		12			nickel plated	26SFTF06MXN
8 mm			48	25		12			blank	26SFTF08MXX
8 mm			48	25		12			nickel plated	26SFTF08MXN
9 mm			48	25		12			blank	26SFTF09MXX
9 mm			48	25		12			nickel plated	26SFTF09MXN
Hose Barb										


Plugs – without valve
Series 26KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Hose Barb</p>	10 mm			48	25		12			blank	26SFTF10MXX
	10 mm			48	25		12			nickel plated	26SFTF10MXN
	13 mm			48	25		15			blank	26SFTF13MXX
	13 mm			48	25		15			nickel plated	26SFTF13MXN
	6 mm Parker			43	20,5		16			blank	26SFTP06MXX
	6 mm Parker			43	20,5		16			nickel plated	26SFTP06MXN
	10 mm Parker			46	24		22			blank	26SFTP10MXX
	10 mm Parker			46	24		22			nickel plated	26SFTP10MXN
	13 mm Parker			50	28		24			blank	26SFTP13MXX
	13 mm Parker			50	28		24			nickel plated	26SFTP13MXN
 <p>with Plastic Hose Connection</p>	4 x 6 mm			34	7	6	12		M 10 x 1	blank	26SFKO06MXX
	4 x 6 mm			34	7	6	12		M 10 x 1	nickel plated	26SFKO06MXN
	6 x 8 mm			34	7	6	12		M 12 x 1	blank	26SFKO08MXX
	6 x 8 mm			34	7	6	12		M 12 x 1	nickel plated	26SFKO08MXN
	8 x 10 mm	17		42	9	6			M 16 x 1	blank	26SFKO10MXX
	8 x 10 mm	17		42	9	6			M 16 x 1	nickel plated	26SFKO10MXN
	9 x 12 mm	17		42	9	8			M 16 x 1	blank	26SFKO12MXX
	9 x 12 mm	17		42	9	8			M 16 x 1	nickel plated	26SFKO12MXN
 <p>Panel Mount with Hose Barb</p>	6 mm	14	17	56	17	14		4	M 12 x 1	blank	26SFTS06MXX
	6 mm	14	17	56	17	14		4	M 12 x 1	nickel plated	26SFTS06MXN
	8 mm	17	17	56	17	14		4	M 12 x 1	blank	26SFTS08MXX
	8 mm	17	17	56	17	14		4	M 12 x 1	nickel plated	26SFTS08MXN
	10 mm	17	19	56	17	14		4	M 14 x 1	blank	26SFTS10MXX
	10 mm	17	19	56	17	14		4	M 14 x 1	nickel plated	26SFTS10MXN
 <p>Plastic Hose Connection with Spring Guard</p>	4 x 6 mm			120	7	6	12		M 10 x 1	blank	26SFKK06MXX
	4 x 6 mm			120	7	6	12		M 10 x 1	nickel plated	26SFKK06MXN
	6 x 8 mm			127	7	6	12		M 12 x 1	blank	26SFKK08MXX
	6 x 8 mm			127	7	6	12		M 12 x 1	nickel plated	26SFKK08MXN
	8 x 10 mm	17		135	9	8			M 16 x 1	blank	26SFKK10MXX
	8 x 10 mm	17		135	9	8			M 16 x 1	nickel plated	26SFKK10MXN
	9 x 12 mm	17		142	9	8			M 16 x 1	blank	26SFKK12MXX
	9 x 12 mm	17		142	9	8			M 16 x 1	nickel plated	26SFKK12MXN
 <p>Recoil Eliminator with Hose Barb</p>	6 mm	21		60	25					blank	26SRTF06MXX
	6 mm	21		60	25					nickel plated	26SRTF06MXN
	8 mm	21		60	25					blank	26SRTF08MXX
	8 mm	21		60	25					nickel plated	26SRTF08MXN
	9 mm	21		60	25					blank	26SRTF09MXX
	9 mm	21		60	25					nickel plated	26SRTF09MXN
	10 mm	21		60	25					blank	26SRTF10MXX
	10 mm	21		60	25					Nickel Plated	26SRTF10MXN
	13 mm	21		60	25					blank	26SRTF13MXX
	13 mm	21		60	25					nickel plated	26SRTF13MXN

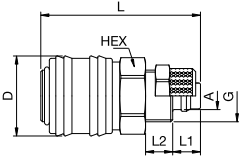
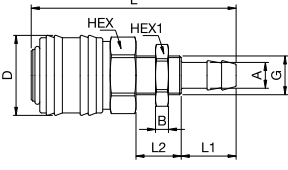
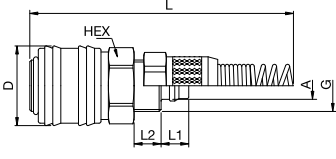


	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	G 1/8	22		43	9		25			blank	26KBAW10MPX
	G 1/8	22		43	9		25			nickel plated	26KBAW10MPN
	G 1/4	22		39	9		25			blank	26KBAW13MPX
	G 1/4	22		39	9		25			nickel plated	26KBAW13MPN
	G 3/8	22		41	9		25			blank	26KBAW17MPX
	G 3/8	22		41	9		25			nickel plated	26KBAW17MPN
	G 1/2	24		42	10		25			blank	26KBAW21MPX
	G 1/2	24		42	10		25			nickel plated	26KBAW21MPN
	M 16 x 1,5	22		43	11		25			blank	26KBAD16MPX
	M 16 x 1,5	22		43	11		25			nickel plated	26KBAD16MPN
	M 18 x 1,5	22		43	11		25			blank	26KBAD18MPX
	M 18 x 1,5	22		43	11		25			nickel plated	26KBAD18MPN
 <p>Female Thread</p>	G 1/4	22		41	9		25			blank	26KBIW13MPX
	G 1/4	22		41	9		25			nickel plated	26KBIW13MPN
	G 3/8	22		41	9		25			blank	26KBIW17MPX
	G 3/8	22		41	9		25			nickel plated	26KBIW17MPN
	G 1/2	24		44	10		25			blank	26KBIW21MPX
	G 1/2	24		44	10		25			nickel plated	26KBIW21MPN
	M 16 x 1,5	22		44	9		25			blank	26KBIM16MPX
	M 16 x 1,5	22		44	9		25			nickel plated	26KBIM16MPN
	M 18 x 1,5	22		44	9		25			blank	26KBIM18MPX
	M 18 x 1,5	22		44	9		25			nickel plated	26KBIM18MPN
 <p>Hose Barb</p>	6 mm	21		58	25		25			blank	26KBTF06MPX
	6 mm	21		58	25		25			nickel plated	26KBTF06MPN
	8 mm	21		58	25		25			blank	26KBTF08MPX
	8 mm	21		58	25		25			nickel plated	26KBTF08MPN
	9 mm	21		58	25		25			blank	26KBTF09MPX
	9 mm	21		58	25		25			nickel plated	26KBTF09MPN
	10 mm	21		58	25		25			blank	26KBTF10MPX
	10 mm	21		58	25		25			nickel plated	26KBTF10MPN
	13 mm	21		58	25		25			blank	26KBTF13MPX
	13 mm	21		58	25		25			nickel plated	26KBTF13MPN
	6 mm Parker	21		58	25		25			blank	26KBTP06MPX
	6 mm Parker	21		58	25		25			nickel plated	26KBTP06MPN
	10 mm Parker	21		58	24		25			blank	26KBTP10MPX
	10 mm Parker	21		58	24		25			nickel plated	26KBTP10MPN
	13 mm Parker	21		58	28		25			blank	26KBTP13MPX
	13 mm Parker	21		58	28		25			nickel plated	26KBTP13MPN



Couplings – with valve

Series 26KB

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>with Plastic Hose Connection</p>	6 x 8 mm	21		45	7	6	25		M 12 x 1	blank	26KBKO08MPX
	6 x 8 mm	21		45	7	6	25		M 12 x 1	nickel plated	26KBKO08MPN
	8 x 10 mm	21		49	9	8	25		M 16 x 1	blank	26KBKO10MPX
	8 x 10 mm	21		49	9	8	25		M 16 x 1	nickel plated	26KBKO10MPN
	9 x 12 mm	21		49	9	8	25		M 16 x 1	blank	26KBKO12MPX
	9 x 12 mm	21		49	9	8	25		M 16 x 1	nickel plated	26KBKO12MPN
 <p>Panel Mount with Hose Barb</p>	6 mm	21	17	60	17	10	25	4	M 12 x 1	blank	26KBTS06MPX
	6 mm	21	17	60	17	10	25	4	M 12 x 1	nickel plated	26KBTS06MPN
	8 mm	21	17	63	17	14	25	4	M 12 x 1	blank	26KBTS08MPX
	8 mm	21	17	63	17	14	25	4	M 12 x 1	nickel plated	26KBTS08MPN
	10 mm	21	17	72	25	14	25	4	G 1/4	blank	26KBTS10MPX
	10 mm	21	17	72	25	14	25	4	G 1/4	nickel plated	26KBTS10MPN
 <p>Plastic Hose Connection with Spring Guard</p>	6 x 8 mm	21		132	7	6	25		M 12 x 1	blank	26KBKK08MPX
	6 x 8 mm	21		132	7	6	25		M 12 x 1	nickel plated	26KBKK08MPN
	8 x 10 mm	21		143	9	8	25		M 16 x 1	blank	26KBKK10MPX
	8 x 10 mm	21		143	9	8	25		M 16 x 1	nickel plated	26KBKK10MPN
	9 x 12 mm	21		150	9	8	25		M 16 x 1	blank	26KBKK12MPX
	9 x 12 mm	21		150	9	8	25		M 16 x 1	nickel plated	26KBKK12MPN



Plugs – with valve

Series 26KB

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
The right plug for series 26KB can be found under series 25KB from page 102.											

KOVARZ S.r.l.

Nominal Diameter

7,4 = 43 mm²



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 nitrocarburized 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 pressure 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

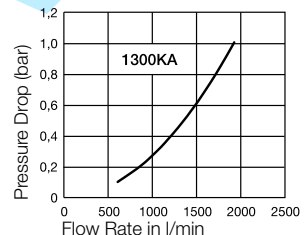
Coupling: Brass nickel plated and chrome plated
Plug: Brass nickel plated and chrome plated
Seals: NBR

Interchangeability

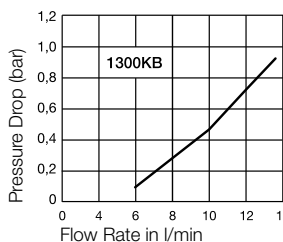
- Rectus Serie 31
- Cejn 303

Flow diagrams

Air



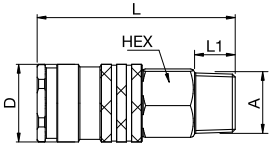
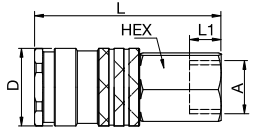
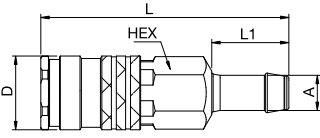
Water





Couplings – with valve

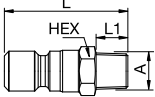
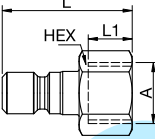
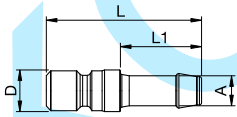
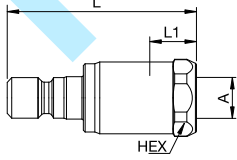
Series 1300KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	19		58	12		22				1300KAAK13MPN
	R 3/8	19		56	12		22				1300KAAK17MPN
	R 1/2	23		59	14		26				1300KAAK21MPN
 Female Thread	G 1/4	19		55	9		22				1300KAIW13MPN
	G 3/8	20		55	10		22				1300KAIW17MPN
 Hose Barb	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

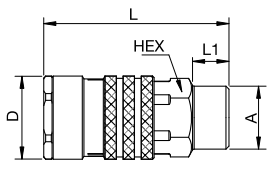
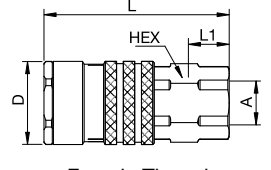


Plugs – without valve

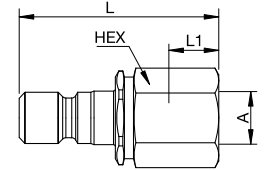
Series 1300KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	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
 Female Thread	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
 Hose Barb	6 mm			44	23		12				1300SFTF06SXZ
	8 mm			44	23		12				1300SFTF08SXZ
	10 mm			44	24		12				1300SFTF10SXZ
	12 mm			47	23		12				1300SFTF12SXZ
 Recoil Eliminator, with Female Thread	G 1/4	20		53	12						1300SRIW13SXZ

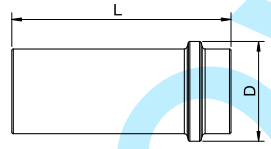
Couplings – with valve **Series 1300KB**

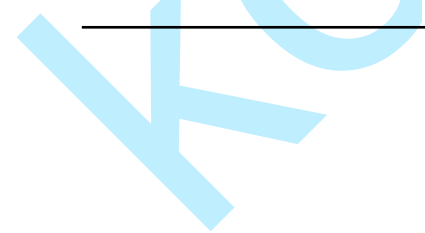
	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	R 3/8	18		49	7,5		22				1300KBAK17MPN
 <p>Female Thread</p>	G 1/4	18		49	8		22				1300KBIW13MPN
	G 3/8	18		50	8		22				1300KBIW17MPN

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
 Couplings – with valve					
Male Thread	R 1/4	31KAAK13SPN	1300 EC	1300KAAK13MPN	75
	R 3/8	31KAAK17SPN	1300 EA	1300KAAK17MPN	75
	R 1/2	31KAAK21SPN	1300 ED	1300KAAK21MPN	75
Female Thread	G 1/4	31KAIW13SPN	1300 E	1300KAIW13MPN	75
	G 3/8	31KAIW17SPN	1300 EB	1300KAIW17MPN	75
Hose Barb	6 mm	31KATF06SPN	1300 EK06	1300KATF06MPN	75
	8 mm	31KATF08SPN	1300 EK08	1300KATF08MPN	75
	10 mm	31KATF10SPN	1300 EK10	1300KATF10MPN	75
	13 mm	31KATF13SPN	1300 EK12	1300KATF13MPN	75
 Plugs – without valve					
Male Thread	R 1/8	31SFAK10SXZ	13110-QC	1300SFAK10SXZ	75
	R 1/4	31SFAK13SXZ	13210 A	1300SFAK13SXZ	75
	G 1/4	31SFAW10SXZ	13210-QC	1300SFAW13SXZ	75
	R 3/8	31SFAK17SXZ	13220	1300SFAK17SXZ	75
	R 1/2	31SFAK21SXZ	13230	1300SFAK21SXZ	75
Female Thread	G 1/8	31SFIW10SXZ	13405	1300SFIW10SXZ	75
	G 1/4	31SFIW13SXZ	13410	1300SFIW13SXZ	75
	G 3/8	31SFIW17SXZ	13420	1300SFIW17SXZ	75
	G 1/2	31SFIW21SXZ	13430-QC	1300SFIW21SXZ	75
Hose Barb	6 mm	31SFTF06SXZ	13006	1300SFTF06SXZ	75
	8 mm	31SFTF08SXZ	13008-QC	1300SFTF08SXZ	75
	10 mm	31SFTF10SXZ	13010-QC	1300SFTF10SXZ	75
	12 mm	31SFTF13SXZ	13012-QC	1300SFTF12SXZ	75
Recoil Eliminator	G 1/4	-	13410 S	1300SRIW13SXZ	75
 Couplings – with valve					
Male Thread	R 3/8	-	1300 NA	1300KBAK17MPN	76
Female Thread	G 1/4	-	1300 N	1300KBIW13MPN	76
	G 3/8	-	1300 NB	1300KBIW17MPN	76
 Plugs – with valve					
Female Thread	G 1/4	-	13410 MN	1300SBIW13MPC	76

**Technical Description**

Robust brass coupling with Japanese industrial profile.
Coupling system with single-hand operation. Above average flow volumes and structure resistant to the effects of external forces.

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.

Material

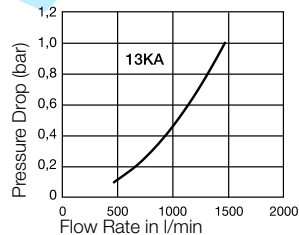
Coupling: Brass nickel plated

Plug: Steel nickel plated

Seals: NBR

Interchangeability

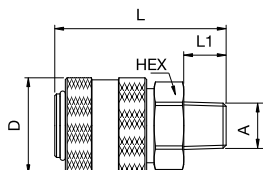
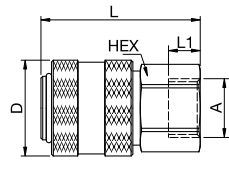
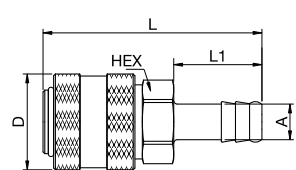
- Nitto-Kohki 200
- Cejn 314
- Cejn 315

Flow diagrams**Air**



Coupling – with valve

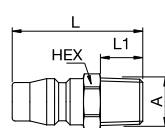
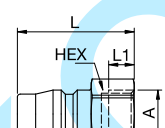
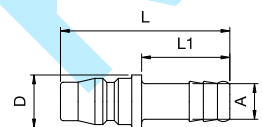
Series 13KA

	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	22		49	12		27			blank	13KAAK13MPX
	R 1/4	22		49	12		27			nickel plated	13KAAK13MPN
	R 3/8	22		49	12		27			blank	13KAAK17MPX
	R 3/8	22		49	12		27			nickel plated	13KAAK17MPN
	R 1/2	22		53	17		27			blank	13KAAK21MPX
	R 1/2	22		53	17		27			nickel plated	13KAAK21MPN
 <p>Female Thread</p>	G 1/4	22		45	9		27			blank	13KAIW13MPX
	G 1/4	22		45	9		27			nickel plated	13KAIW13MPN
	G 3/8	22		45	9		27			blank	13KAIW17MPX
	G 3/8	22		45	9		27			nickel plated	13KAIW17MPN
	G 1/2	24		48	12		27			blank	13KAIW21MPX
	G 1/2	24		48	12		27			nickel plated	13KAIW21MPN
 <p>Hose Barb</p>	6 mm	21		62	25		27			blank	13KATF06MPX
	6 mm	21		62	25		27			nickel plated	13KATF06MPN
	8 mm	21		62	25		27			blank	13KATF08MPX
	8 mm	21		62	25		27			nickel plated	13KATF08MPN
	10 mm	21		62	25		27			blank	13KATF10MPX
	10 mm	21		62	25		27			nickel plated	13KATF10MPN
	13 mm	21		62	25		27			blank	13KATF13MPX
	13 mm	21		62	25		27			nickel plated	13KATF13MPN



Plugs – without valve

Series 13KA

	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	14		37	12						13SFAK13SXN
	R 3/8	17		37	12						13SFAK17SXN
	R 1/2	22		44	17						13SFAK21SXN
 <p>Female Thread</p>	G 1/4	17		34	9						13SFIW13SXN
	G 3/8	19		34	9						13SFIW17SXN
 <p>Hose Barb</p>	6 mm			48	25		15				13SFTF06SXN
	8 mm			48	25		15				13SFTF08SXN
	10 mm			48	25		15				13SFTF10SXN
	13 mm			48	25		15				13SFTF13SXN



Other designs in series 25

The following other designs can be found from page:

- Stainless Steel P. 208
- Safety P. 274
- Safety Self-Venting P. 294
- Coded Systems P. 302




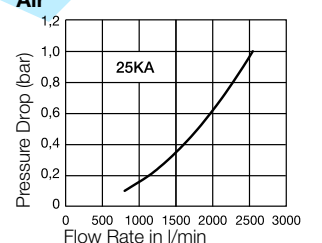
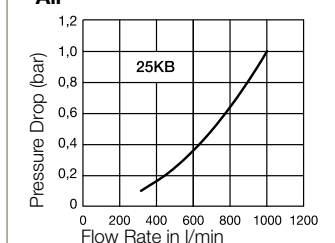
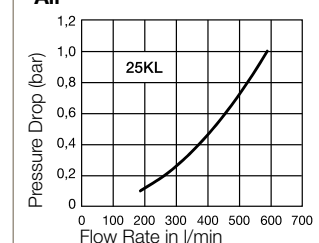
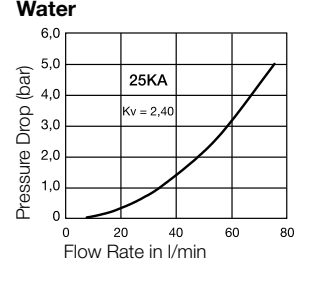
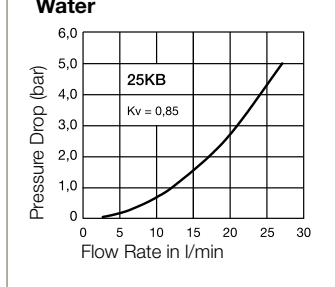
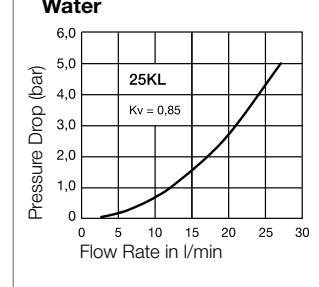
Technical Description

Universal industrial coupling with standard European profile. 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.

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

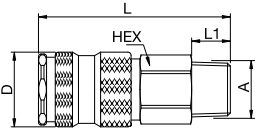
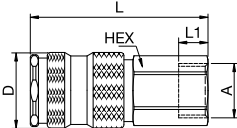
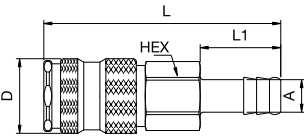
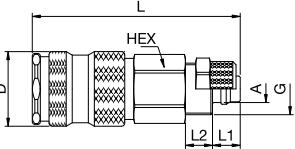
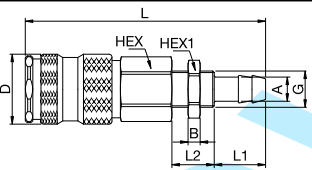
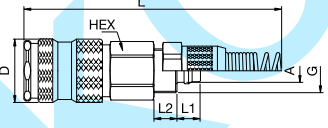
Working Temperature*
-20°C up to +100°C (NBR) depending on the medium.

* For temperatures below -20°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.

		
<p>Working Pressure**</p>	<p>Working Pressure**</p>	<p>Working Pressure**</p>
<p>35 bar ** maximum static working pressure with safety factor 4 to 1.</p>	<p>35 bar</p>	<p>8 bar</p>
<p>Features</p>		
<ul style="list-style-type: none"> • Brass coupling and plug for use with water • Robust coupling system with steel sleeve 		<ul style="list-style-type: none"> • Minimal, almost imperceptible leakage when uncoupling • No air locked into the system during the coupling process • Brass valved plug available blank
<p>Material</p>		
<p>Coupling: Brass / Steel nickel plated Plug: Steel zinc plated or Brass (Serie 26) Seals: NBR</p>	<p>Coupling: Brass Plug: Brass Seals: NBR</p>	<p>Coupling: Brass nickel plated Plug: Brass nickel plated Seals: NBR</p>
<p>Interchangeability</p>		
<ul style="list-style-type: none"> • Rectus 26 • Rectus 1600/1625 • Cejn 320 • JWL 520 + JWL 530 • various German Products 		
<p>Flow diagrams</p>		
<p>Air</p> 	<p>Air</p> 	<p>Air</p> 
<p>Water</p> 	<p>Water</p> 	<p>Water</p> 



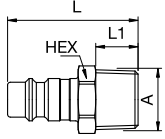
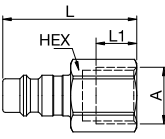
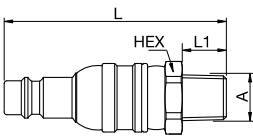
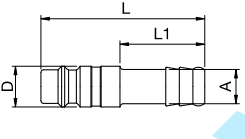


	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number	
 <p>Male Thread</p>	R 1/4	19		60	12		23				25KAAK13MPN	
	R 3/8	19		60	12		23				25KAAK17MPN	
	R 1/2	22		61	17		23				25KAAK21MPN	
	M 14 x 1,5	19		59	10		23				25KAAD14MPN	
	M 16 x 1,5	19		60	11		23				25KAAD16MPN	
	M 18 x 1,5	19		60	11		23				25KAAD18MPN	
 <p>Female Thread</p>	G 1/4	19		56	10		23				25KAIW13MPN	
	G 3/8	19		55	9		23				25KAIW17MPN	
	G 1/2	24		58	12		23				25KAIW21MPN	
	M 14 x 1,5	19		55	9		23				25KAIM14MPN	
	M 16 x 1,5	19		55	9		23				25KAIM16MPN	
	M 18 x 1,5	22		56	9		23				25KAIM18MPN	
 <p>Hose Barb</p>	6 mm	19		74	25		23				25KATF06MPN	
	8 mm	19		74	25		23				25KATF08MPN	
	9 mm	19		74	25		23				25KATF09MPN	
	10 mm	19		74	25		23				25KATF10MPN	
	13 mm	19		74	25		23				25KATF13MPN	
	6 mm Parker	19		69	20		23					25KATP06MPN
	10 mm Parker	19		73	24		23					25KATP10MPN
 <p>with Plastic Hose Connection</p>	6 x 8 mm	19		61	7	6	23		M 12 x 1		25KAKO08MPN	
	8 x 10 mm	19		65	9	8	23		M 16 x 1		25KAKO10MPN	
	9 x 12 mm	19		65	9	8	23		M 16 x 1		25KAKO12MPN	
 <p>Panel Mount with Hose Barb</p>	6 mm	19	17	76	17	10	23	4	M 12 x 1		25KATS06MPN	
	8 mm	19	17	80	17	14	23	4	M 12 x 1		25KATS08MPN	
	10 mm	19	17	87	25	14	23	4	G 1/4		25KATS10MPN	
 <p>Plastic Hose Connection with Spring Guard</p>	6 x 8 mm	19		144	7	6	23		M 12 x 1		25KAKK08MPN	
	8 x 10 mm	19		155	9	8	23		M 16 x 1		25KAKK10MPN	
	9 x 12 mm	19		162	9	8	23		M 16 x 1		25KAKK12MPN	



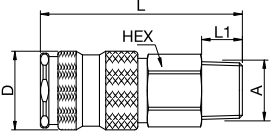
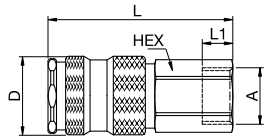
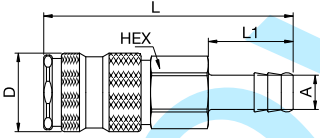
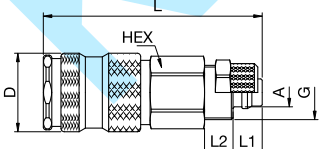
Plugs – without valve

Series 25KA

	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		33	9						25SFAK10SXZ	
	R 1/4	14		36,5	12						25SFAK13SXZ	
	R 3/8	17		37	12						25SFAK17SXZ	
	R 1/2	22		43	17						25SFAK21SXZ	
	M 14 x 1,5	17		35	10						25SFAD14SXZ	
	M 16 x 1,5	19		36	11						25SFAD16SXZ	
	M 18 x 1,5	22		37	11						25SFAD18SXZ	
 <p>Female Thread</p>	G 1/8	14		30	5						25SFIW10SXZ	
	G 1/4	17		38,5	12						25SFIW13SXZ	
	G 3/8	19		39,5	12						25SFIW17SXZ	
	G 1/2	24		44	14						25SFIW21SXZ	
	M 14 x 1,5	17		33	8						25SFIM14SXZ	
	M 16 x 1,5	19		33	10						25SFIM16SXZ	
	M 18 x 1,5	22		36	13						25SFIM18SXZ	
 <p>Flex Joint, Male Thread</p>	R 1/4	17		64	11					nickel plated	25FAAK13SPN	
 <p>Hose Barb</p>	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		15				25SFTF13SXZ	

The right plug in brass design can be found under series 26 from page 87.

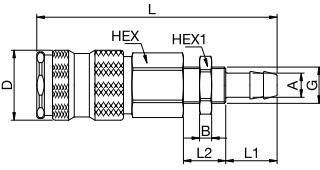
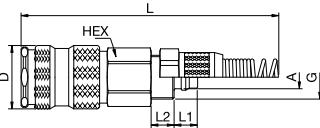


	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	R 1/4	19		60	12		23			blank	25KBAK13BPX
	R 1/4	19		60	12		23			nickel plated	25KBAK13BPN
	R 3/8	19		59	10,5		23			blank	25KBAK17BPX
	R 3/8	19		59	10,5		23			nickel plated	25KBAK17BPN
	R 1/2	22		57,5	9		23			blank	25KBAK21BPX
	R 1/2	22		57,5	9		23			nickel plated	25KBAK21BPN
	M 14 x 1,5	19		59	10		23			blank	25KBAD14BPX
	M 14 x 1,5	19		59	10		23			nickel plated	25KBAD14BPN
	M 16 x 1,5	19		60	11		23			blank	25KBAD16BPX
	M 16 x 1,5	19		60	11		23			nickel plated	25KBAD16BPN
	M 18 x 1,5	19		60	11		23			blank	25KBAD18BPX
	M 18 x 1,5	19		60	11		23			nickel plated	25KBAD18BPN
 <p>Female Thread</p>	G 1/4	19		56	10		23			blank	25KBIW13BPX
	G 1/4	19		56	10		23			nickel plated	25KBIW13BPN
	G 3/8	19		55	9		23			blank	25KBIW17BPX
	G 3/8	19		55	9		23			nickel plated	25KBIW17BPN
	G 1/2	24		58	12		23			blank	25KBIW21BPX
	G 1/2	24		58	12		23			nickel plated	25KBIW21BPN
	M 16 x 1,5	19		55	9		23			blank	25KBIM16BPX
	M 16 x 1,5	19		55	9		23			nickel plated	25KBIM16BPN
	M 18 x 1,5	22		56	9		23			blank	25KBIM18BPX
	M 18 x 1,5	22		56	9		23			nickel plated	25KBIM18BPN
 <p>Hose Barb</p>	6 mm	19		74	25		23			blank	25KBTF06BPX
	6 mm	19		74	25		23			nickel plated	25KBTF06BPN
	8 mm	19		74	25		23			blank	25KBTF08BPX
	8 mm	19		74	25		23			nickel plated	25KBTF08BPN
	9 mm	19		74	25		23			blank	25KBTF09BPX
	9 mm	19		74	25		23			nickel plated	25KBTF09BPN
	10 mm	19		74	25		23			blank	25KBTF10BPX
	10 mm	19		74	25		23			nickel plated	25KBTF10BPN
	13 mm	19		74	25		23			blank	25KBTF13BPX
	13 mm	19		74	25		23			nickel plated	25KBTF13BPN
	10 mm Parker	19		73	24		23			blank	25KBTP10BPX
	10 mm Parker	19		73	24		23			nickel plated	25KBTP10BPN
	13 mm Parker	19		76	28		23			blank	25KBTP13BPX
	13 mm Parker	19		76	28		23			nickel plated	25KBTP13BPN
 <p>with Plastic Hose Connection</p>	8 x 10 mm	19		65	9	8	23		M 16 x 1	blank	25KBKO10BPX
	8 x 10 mm	19		65	9	8	23		M 16 x 1	nickel plated	25KBKO10BPN
	9 x 12 mm	19		65	9	8	23		M 16 x 1	blank	25KBKO12BPX
	9 x 12 mm	19		65	9	8	23		M 16 x 1	nickel plated	25KBKO12BPN



Coupling – with valve

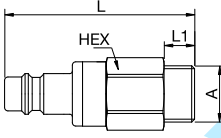
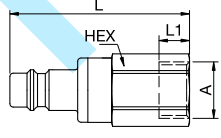
Series 25KB

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Panel Mount with Hose Barb</p>	6 mm	19	17	76	17	10	23	4	M 12 x 1	blank	25KBTS06BPX
	6 mm	19	17	76	17	10	23	4	M 12 x 1	nickel plated	25KBTS06BPN
	8 mm	19	17	80	17	14	23	4	M 12 x 1	blank	25KBTS08BPX
	8 mm	19	17	80	17	14	23	4	M 12 x 1	nickel plated	25KBTS08BPN
	10 mm	19	17	76	17	10	23	4	M 12 x 1	blank	25KBTS10BPX
	10 mm	19	17	76	17	10	23	4	M 12 x 1	nickel plated	25KBTS10BPN
 <p>Plastic Hose Connection with Spring Guard</p>	6 x 8 mm	19		144	7	6	23		M 12 x 1	blank	25KBKK08BPX
	6 x 8 mm	19		144	7	6	23		M 12 x 1	nickel plated	25KBKK08BPN
	9 x 12 mm	19		162	9	8	23		M 16 x 1	blank	25KBKK12BPX
	9 x 12 mm	19		162	9	8	23		M 16 x 1	nickel plated	25KBKK12BPN

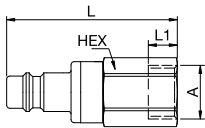
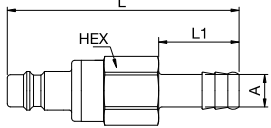
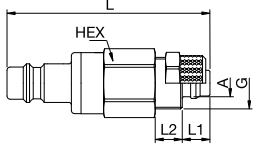
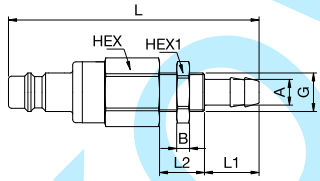
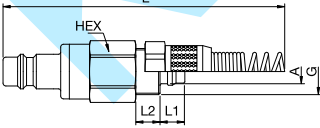


Plugs – with valve

Series 25KB

	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	22		44,5	9					blank	25SBAW10MPX
	G 1/8	22		44,5	9					nickel plated	25SBAW10MPN
	G 1/4	22		43	9					blank	25SBAW13MPX
	G 1/4	22		43	9					nickel plated	25SBAW13MPN
	G 3/8	22		43	9					blank	25SBAW17MPX
	G 3/8	22		43	9					nickel plated	25SBAW17MPN
	G 1/2	22		46	12					blank	25SBAW21MPX
	G 1/2	22		46	12					nickel plated	25SBAW21MPN
	M 14 x 1,5	22		44	10					blank	25SBAD14MPX
	M 14 x 1,5	22		44	10					nickel plated	25SBAD14MPN
	M 16 x 1,5	22		45	11					blank	25SBAD16MPX
	M 16 x 1,5	22		45	11					nickel plated	25SBAD16MPN
	M 18 x 1,5	22		45	11					blank	25SBAD18MPX
	M 18 x 1,5	22		45	11					nickel plated	25SBAD18MPN
 <p>Female Thread</p>	G 1/4	22		43	10					blank	25SBIW13MPX
	G 1/4	22		43	10					nickel plated	25SBIW13MPN
	G 3/8	22		43	9					blank	25SBIW17MPX
	G 3/8	22		43	9					nickel plated	25SBIW17MPN
	G 1/2	24		46	9					blank	25SBIW21MPX
	G 1/2	24		46	9					nickel plated	25SBIW21MPN
	M 14 x 1,5	22		43	9					blank	25SBIM14MPX
	M 14 x 1,5	22		43	9					nickel plated	25SBIM14MPN

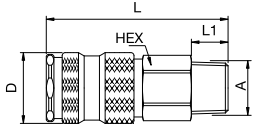
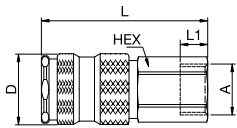
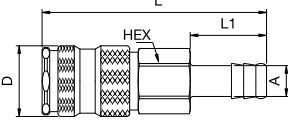
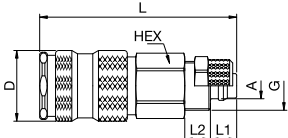
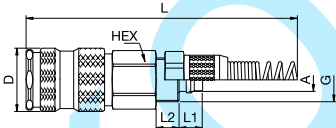


	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number	
 <p>Female Thread</p>	M 16 x 1,5	22		43	9					blank	25SBIM16MPX	
	M 16 x 1,5	22		43	9					nickel plated	25SBIM16MPN	
	M 18 x 1,5	22		43	9					blank	25SBIM18MPX	
	M 18 x 1,5	22		43	9					nickel plated	25SBIM18MPN	
 <p>Hose Barb</p>	6 mm	21		60	25					blank	25SBTF06MPX	
	6 mm	21		60	25					nickel plated	25SBTF06MPN	
	8 mm	21		60	25					blank	25SBTF08MPX	
	8 mm	21		60	25					nickel plated	25SBTF08MPN	
	9 mm	21		60	25					blank	25SBTF09MPX	
	9 mm	21		60	25					nickel plated	25SBTF09MPN	
	10 mm	21		60	25					blank	25SBTF10MPX	
	10 mm	21		60	25					nickel plated	25SBTF10MPN	
	13 mm	21		60	25					blank	25SBTF13MPX	
	13 mm	21		60	25					nickel plated	25SBTF13MPN	
	6 mm Parker	19		67,5	20,5						blank	25SBTP06MPX
	6 mm Parker	19		67,5	20,5						nickel plated	25SBTP06MPN
	10 mm Parker	19		71	24						blank	25SBTP10MPX
	10 mm Parker	19		71	24						nickel plated	25SBTP10MPN
	13 mm Parker	19		83	28						blank	25SBTP13MPX
	13 mm Parker	19		83	28						nickel plated	25SBTP13MPN
 <p>with Plastic Hose Connection</p>	4 x 6 mm	21		47	7	6			M 10 x 1	blank	25SBKO06MPX	
	4 x 6 mm	21		47	7	6			M 10 x 1	nickel plated	25SBKO06MPN	
	6 x 8 mm	21		47	7	6			M 12 x 1	blank	25SBKO08MPX	
	6 x 8 mm	21		47	7	6			M 12 x 1	nickel plated	25SBKO08MPN	
	8 x 10 mm	21		51	8,5	8,5			M 16 x 1	blank	25SBKO10MPX	
	8 x 10 mm	21		51	8,5	8,5			M 16 x 1	nickel plated	25SBKO10MPN	
	9 x 12 mm	21		51	8,5	8,5			M 16 x 1	blank	25SBKO12MPX	
	9 x 12 mm	21		51	8,5	8,5			M 16 x 1	nickel plated	25SBKO12MPN	
 <p>Panel Mount with Hose Barb</p>	6 mm	21	17	62	17	10		4	M 12 x 1	blank	25SBTS06MPX	
	6 mm	21	17	62	17	10		4	M 12 x 1	nickel plated	25SBTS06MPN	
	8 mm	21	17	65	17	14		4	M 12 x 1	blank	25SBTS08MPX	
	8 mm	21	17	65	17	14		4	M 12 x 1	nickel plated	25SBTS08MPN	
	10 mm	21	17	74	25	14		3,5	G 1/4	blank	25SBTS10MPX	
	10 mm	21	17	74	25	14		3,5	G 1/4	nickel plated	25SBTS10MPN	
 <p>Plastic Hose Connection with Spring Guard</p>	4 x 6 mm	19		120	7	6			M 10 x 1	blank	25SBKK06MPX	
	4 x 6 mm	19		120	7	6			M 10 x 1	nickel plated	25SBKK06MPN	
	6 x 8 mm	19		135	7	6			M 12 x 1	blank	25SBKK08MPX	
	6 x 8 mm	19		135	7	6			M 12 x 1	nickel plated	25SBKK08MPN	
	8 x 10 mm	19		145	8,5	8,5			M 16 x 1	blank	25SBKK10MPX	
	8 x 10 mm	19		145	8,5	8,5			M 16 x 1	nickel plated	25SBKK10MPN	
	9 x 12 mm	19		150	8,5	8,5			M 16 x 1	blank	25SBKK12MPX	
	9 x 12 mm	19		150	8,5	8,5			M 16 x 1	nickel plated	25SBKK12MPN	



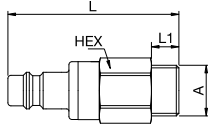
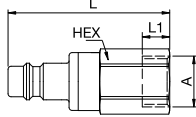
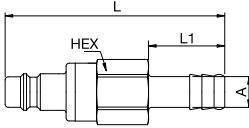
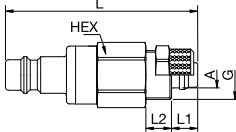
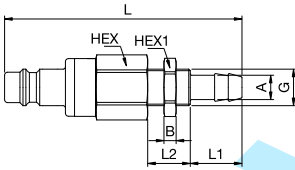
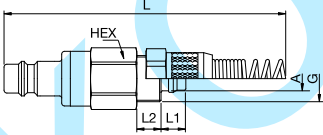
Coupling – flat-sealing

Series 25KL

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	R 1/4	19		60	12		23				25KLAK13BPN
	R 3/8	19		60	12		23				25KLAK17BPN
	R 1/2	22		61	17		23				25KLAK21BPN
 <p>Female Thread</p>	G 1/4	19		56	10		23				25KLIW13BPN
	G 3/8	19		55	9		23				25KLIW17BPN
	G 1/2	24		58	12		23				25KLIW21BPN
	M 14 x 1,5	19		55	9		23				25KLIM14BPN
	M 16 x 1,5	19		55	9		23				25KLIM16BPN
 <p>Hose Barb</p>	6 mm	19		74	25		23				25KLTF06BPN
	8 mm	19		74	25		23				25KLTF08BPN
	9 mm	19		74	25		23				25KLTF09BPN
	10 mm	19		74	25		23				25KLTF10BPN
	13 mm	19		74	25		23				25KLTF13BPN
 <p>with Plastic Hose Connection</p>	6 x 8 mm	19		61	7	6	23		M 12 x 1		25KLKO08BPN
	8 x 10 mm	19		64,5	9	8	23		M 16 x 1		25KLKO10BPN
	9 x 12 mm	19		64,5	9	8	23		M 16 x 1		25KLKO12BPN
 <p>Plastic Hose Connection with Spring Guard</p>	6 x 8 mm	19		144	7	6	23		M 12 x 1		25KLKK08BPN
	8 x 10 mm	19		155	9	8	23		M 16 x 1		25KLKK10BPN
	9 x 12 mm	19		162	9	8	23		M 16 x 1		25KLKK12BPN





	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 1/4	22		43	9						25SLAW13MPN
	G 3/8	22		43	9						25SLAW17MPN
	G 1/2	22		46	12						25SLAW21MPN
	M 14 x 1,5	22		44	10						25SLAD14MPN
	M 16 x 1,5	22		45	11						25SLAD16MPN
	M 18 x 1,5	22		45	11						25SLAD18MPN
 <p>Female Thread</p>	G 1/4	22		43	10						25SLIW13MPN
	G 3/8	22		43	9						25SLIW17MPN
	G 1/2	24		46	12						25SLIW21MPN
	M 14 x 1,5	22		43	9						25SLIM14MPN
	M 16 x 1,5	22		43	9						25SLIM16MPN
	M 18 x 1,5	22		43	9						25SLIM18MPN
 <p>Hose Barb</p>	9 mm	21		60	25						25SLTF09MPN
	10 mm	21		60	25						25SLTF10MPN
	13 mm	21		60	25						25SLTF13MPN
 <p>with Plastic Hose Connection</p>	6 x 8 mm	21		47	7	6			M 12 x 1		25SLKO08MPN
	8 x 10 mm	21		51	8,5	8,5			M 16 x 1		25SLKO10MPN
	9 x 12 mm	21		51	8,5	8,5			M 16 x 1		25SLKO12MPN
 <p>Panel Mount with Hose Barb</p>	6 mm	21	17	62	17	10	4		M 12 x 1		25SLTS06MPN
	10 mm	21	7	74	25	14		3,5	G 1/4		25SLTS10MPN
 <p>Plastic Hose Connection with Spring Guard</p>	6 x 8 mm	19		135	7	6			M 12 x 1		25SLKK08MPN
	8 x 10 mm	19		145	8,5	8,5			M 16 x 1		25SLKK10MPN
	9 x 12 mm	19		150	8,5	8,5			M 16 x 1		25SLKK12MPN

Nominal Diameter

7,8 = 48 mm²

Rectus Series

1600**Other designs in series 1600**


The following other designs can be found from page:

- Safety Self-Venting P. 294

Technical Description

Rectus Tema premium industrial coupling 3/8" with European standard profile. Suitable for compressed air applications with greater than average air consumption.

Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop.

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

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.

Material

Coupling: Brass nickel plated,
Steel QPQ treated

Plug: Steel zinc plated

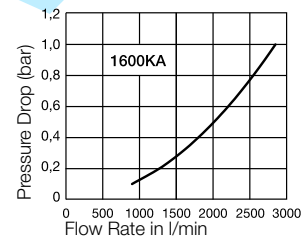
Seals: NBR

Interchangeability

- Rectus 25 + 26
- Rectus 1625
- Cejn 320
- JWL 520 + JWL 530
- various German Products

Flow diagrams

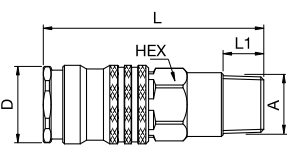
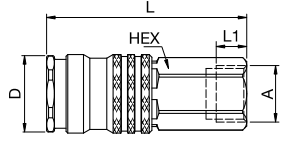
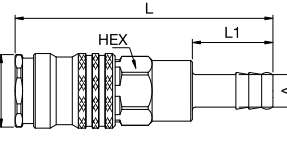
Air





Coupling – with valve

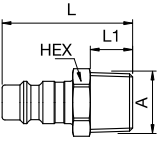
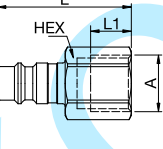
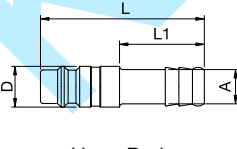
Series 1600KA

	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		65	12		23				1600KAAK13SPN
	R 3/8	19		65	12		23				1600KAAK17SPN
	R 1/2	22		59,5	17		23				1600KAAK21SPN
 <p>Female Thread</p>	G 1/4	19		59	9		23				1600KAIW13SPN
	G 3/8	19		59	9		23				1600KAIW17SPN
	G 1/2	24		62	12		23				1600KAIW21SPN
 <p>Hose Barb</p>	6 mm	19		80	25		23				1600KATF06SPN
	8 mm	19		80	25		23				1600KATF08SPN
	9 mm	19		80	25		23				1600KATF09SPN
	10 mm	19		80	25		23				1600KATF10SPN
	13 mm	19		80	25		23				1600KATF13SPN



Plugs – without valve

Series 25SF

	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		33	9						25SFAK10SXZ
	R 1/4	14		37	12						25SFAK13SXZ
	R 3/8	17		37	12						25SFAK17SXZ
	R 1/2	22		43	17						25SFAK21SXZ
 <p>Female Thread</p>	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
 <p>Hose Barb</p>	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		15				25SFTF13SXZ

Nominal Diameter

7,8 = 48 mm²

Rectus Series

1625**Technical Description**

Rectus Tema premium industrial coupling 3/8" with European standard profile. Suitable for compressed air applications with greater than average air consumption.

Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. Extremely robust and ergonomically shaped, 2-component plastic sleeve.

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

Working Temperature*
-20°C up to +40°C (NBR)
depending on the medium.

* For temperatures below -20°C and over +40°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.

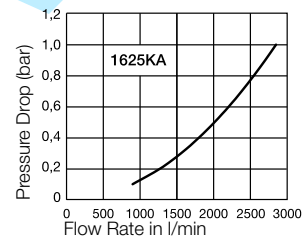
Material

Coupling: Brass nickel plated,
Steel QPQ treated, PA6+TPE

Plug: Steel zinc plated
Seals: NBR

Interchangeability

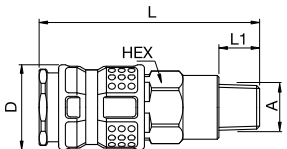
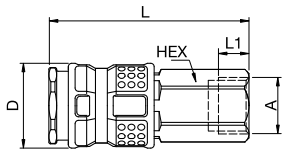
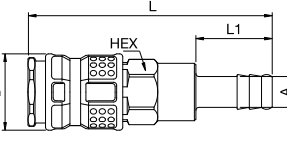
- Rectus 25 + 26
- Rectus 1600
- Cejn 320
- JWL 520 + JWL 530
- various German Products

Flow diagrams**Air**



Coupling – with valve

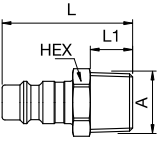
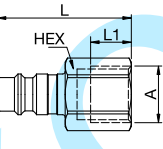
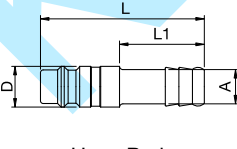
Series 1625KA

	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		65	12		26				1625KAAK13SPN
	R 3/8	19		65	12		26				1625KAAK17SPN
	R 1/2	22		59,5	17		26				1625KAAK21SPN
 <p>Female Thread</p>	G 1/4	19		59	9		26				1625KAIW13SPN
	G 3/8	19		59	9		26				1625KAIW17SPN
	G 1/2	24		62	12		26				1625KAIW21SPN
 <p>Hose Barb</p>	6 mm	19		80	25		26				1625KATF06SPN
	8 mm	19		80	25		26				1625KATF08SPN
	9 mm	19		80	25		26				1625KATF09SPN
	10 mm	19		80	25		26				1625KATF10SPN
	13 mm	19		80	25		26				1625KATF13SPN



Plugs – without valve

Series 25SF

	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		33	9						25SFAK10SXZ
	R 1/4	14		37	12						25SFAK13SXZ
	R 3/8	17		37	12						25SFAK17SXZ
	R 1/2	22		43	17						25SFAK21SXZ
 <p>Female Thread</p>	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
 <p>Hose Barb</p>	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		15				25SFTF13SXZ

8 = 50 mm²

33

**Technical Description**

Steel industrial coupling with Atlas Copco-Profile. Specially suited to use with gaseous media in industry. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop.

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

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.

Material

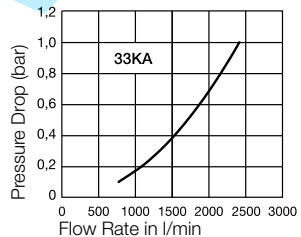
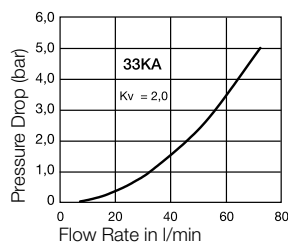
Coupling: Brass / Steel nickel plated

Plug: Steel nickel plated

Seals: NBR

Interchangeability

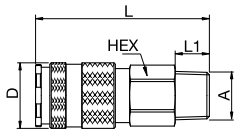
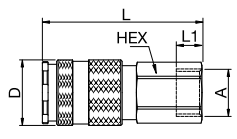
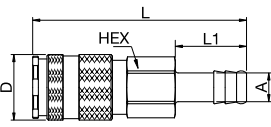
- Atlas Copco QIC 10

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



Coupling – with valve

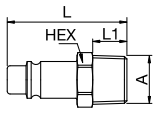
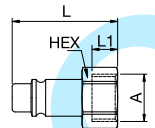
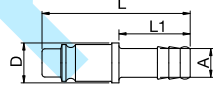
Series 33KA

	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		60	12		23				33KAAK13SPN
	R 3/8	19		59	12		23				33KAAK17SPN
	R 1/2	22		60	17		23				33KAAK21SPN
 <p>Female Thread</p>	G 1/4	19		55	10		23				33KAIW13SPN
	G 3/8	19		54	9		23				33KAIW17SPN
	G 1/2	24		57	12		23				33KAIW21SPN
 <p>Hose Barb</p>	6 mm	19		73	25		23				33KATF06SPN
	8 mm	19		73	25		23				33KATF08SPN
	10 mm	19		73	25		23				33KATF10SPN
	13 mm	19		73	25		23				33KATF13SPN




Plugs – without valve

Series 33KA

	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	14		40	9						33SFAK10SXN
	R 1/4	14		42	12						33SFAK13SXN
	R 3/8	17		42	12						33SFAK17SXN
	R 1/2	22		47	17						33SFAK21SXN
 <p>Female Thread</p>	G 1/8	14		34	7						33SFIW10SXN
	G 1/4	17		37	9						33SFIW13SXN
	G 3/8	17		37	9						33SFIW17SXN
	G 1/2	24		42	12						33SFIW21SXN
 <p>Hose Barb</p>	6 mm			52	25		14				33SFTF06SXN
	8 mm			52	25		14				33SFTF08SXN
	10 mm			52	25		15				33SFTF10SXN
	13 mm			52	25		15				33SFTF13SXN

8 = 50 mm²**84****Technical Description**

Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The high insertion depth is guaranteed by an optimised plug guide. Optimised locking of the plug due to 6-way ball valve.

Dust Protections  (P. 319)
for Coupling Part.-No. SK27S
for Plug Part.-No. SK12S

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.

Material

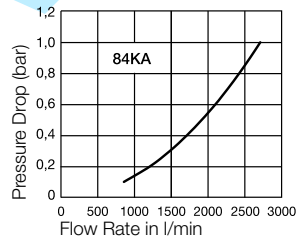
Coupling: Brass / Steel nickel plated

Plug: Steel nickel plated

Seals: NBR

Interchangeability

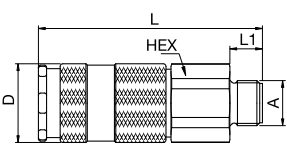
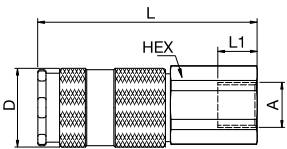
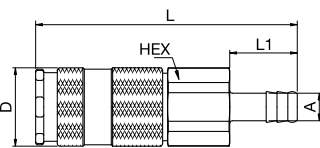
- ISO 6150 C

Flow diagrams**Air**



Coupling – with valve

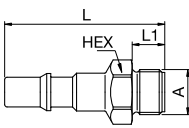
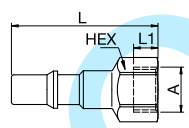
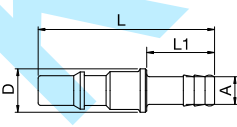
Series 84KA

	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 1/4	27		83	12		29				84KAAW13SPN
	G 3/8	27		83	12		29				84KAAW17SPN
	G 1/2	27		83	15		29				84KAAW21SPN
 <p>Female Thread</p>	G 3/8	27		81	14		29				84KAIW17SPN
 <p>Hose Barb</p>	8 mm	27		97	25		29				84KATF08SPN
	9 mm	27		97	25		29				84KATF09SPN
	10 mm	27		97	25		29				84KATF10SPN
	13 mm	27		97	25		29				84KATF13SPN
	16 mm	27		97	25		29				84KATF16SPN



Plugs – without valve

Series 84KA

	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 1/4	17		57	12						84SFAW13SXN
	G 3/8	21		59	12						84SFAW17SXN
	G 1/2	21		64	15						84SFAW21SXN
 <p>Female Thread</p>	G 1/4	17		53	9						84SFIW13SXN
	G 3/8	19		54	9						84SFIW17SXN
 <p>Hose Barb</p>	8 mm			65	25		16				84SFTF08SXN
	9 mm			65	25		16				84SFTF09SXN
	10 mm			65	25		16				84SFTF10SXN
	13 mm			65	25		16				84SFTF13SXN
	16 mm			65	25		16				84SFTF16SXN



Technical Description

Modular integrated coupling and plug for installation in multi-coupling systems (series 08). High resilience, low coupling forces and great resistance to liquid media due to the special coating of the coupling body.

Working Temperature*

-15°C up to +100°C (NBR) depending on the medium.

* For temperatures below -15°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.



Working Pressure**

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

15 bar

Features

- Minimal, almost imperceptible leakage when uncoupling
- No air locked into the system during the coupling process

Material

Coupling: Brass nickel plated, Steel PTFE coated
Plug: Brass nickel plated, Steel PTFE coated
Seals: FKM

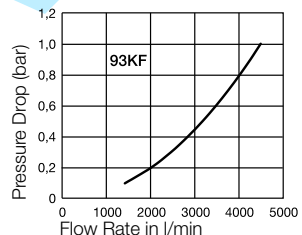
Coupling: Brass nickel plated, Steel PTFE coated
Plug: Brass nickel plated, Steel PTFE coated
Seals: FKM

Interchangeability

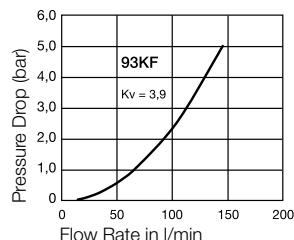
- Rectus Design

Flow diagrams

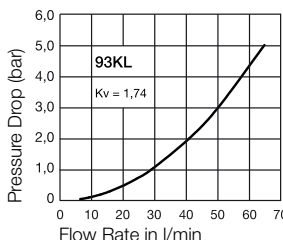
Air



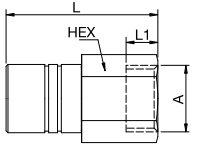
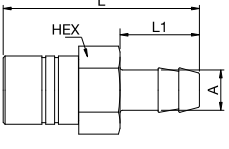
Water



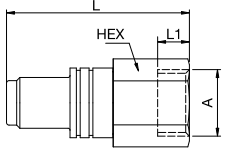
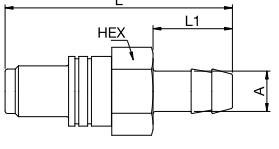
Water



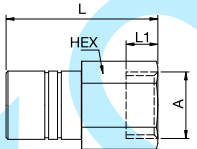
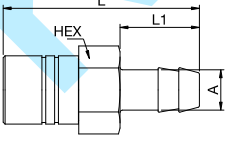
↔ Coupling – without valve Series 93KF

	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 1/2	24		48	10,1						93KFIW21SVN
 <p>Hose Barb</p>	13 mm	24		62	17						93KFTF13SVN

↔ Plugs – without valve Series 93KF

	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 1/2	24		57,5	10,1						93SFIW21SXN
 <p>Hose Barb</p>	13 mm	24		68,5	25						93SFTF13SXN

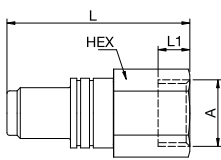
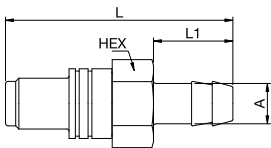
↔ Coupling – flat-sealing Series 93KL

	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 1/2	24		48	10,1						93KLIW21SVN	
 <p>Hose Barb</p>	9 mm	24		54	17						93KLTF09SVN	
	13 mm	24		62	25							93KLTF13SVN



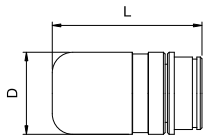
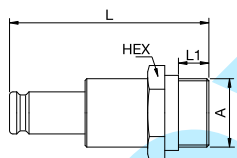
Plugs – flat-sealing

Series 93KL

	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 1/2	24		57,5	10,1						93SLIW21SVN
 <p>Hose Barb</p>	9 mm	24		63,5	17						93SLTF09SVN
	13 mm	24		68,5	25						93SLTF13SVN

Locking Coupling and Bolt

Series 94

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Locking Coupling</p>				45			25				94KX
 <p>Locking Bolt</p>		24		58	13						94SX

KOVARZ S.r.l.



Technische Informationen

Multi-coupling system comprising series 93 modular couplings and base plates for connecting hose combinations. Special coupling body with PTFE coating giving greater robustness, lower coupling forces, and resistance to liquid media.

The standard version consists of a floating plate fitted with 8 quick connect couplings, 2 handles and 2 locking couplings as well as a fixed plate fitted with 8 plugs and 2 locking bolts. The layout is asymmetrical to avoid mixing up the circulation systems.

The safety locking system prevents unintentional disconnection.

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**

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

15 bar

Features

- Minimal, almost imperceptible leakage when uncoupling
- No air locked into the system during the coupling process

Material

Coupling: Brass / Steel
nickel plated, Aluminium plate
Plug: Brass / Steel
nickel plated, Aluminium plate
Seals: FKM

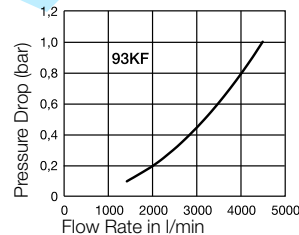
Coupling: Brass / Steel
nickel plated, Aluminium plate
Plug: Brass / Steel
nickel plated, Aluminium plate
Seals: FKM

Interchangeability

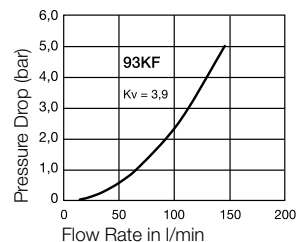
- Rectus Design

Flow diagrams

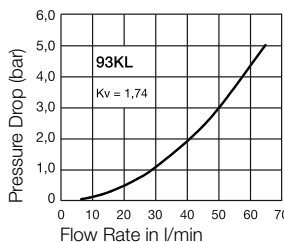
Air



Water

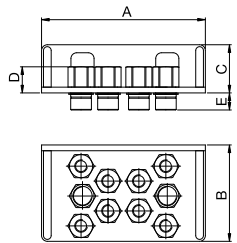
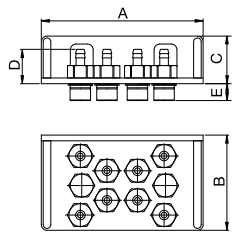


Water



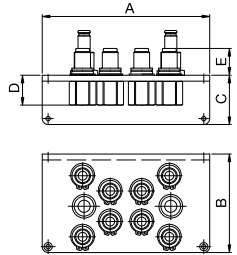
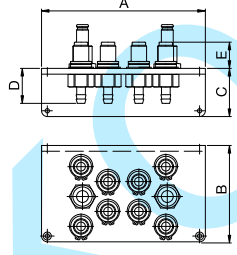
↔ Coupling – without valve

Series 08KF

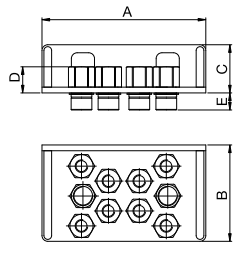
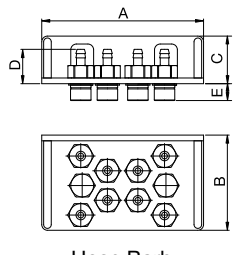
	Connection	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Version	Part Number
 <p>Female Thread</p>	G 1/2	170	100	50	30	18					08KFIW21SVN
 <p>Hose Barb</p>	13 mm	170	100	50	44	18					08KFTF13SVN

↔ Plugs – without valve

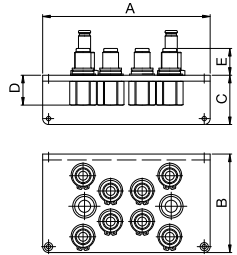
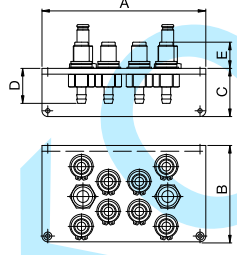
Series 08KF

	Connection	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Version	Part Number
 <p>Female Thread</p>	G 1/2	170	100	50	30	27					08SFIW21SXN
 <p>Hose Barb</p>	13 mm	170	100	50	44	27					08SFTF13SXN

Coupling – flat-sealing **Series 08KL**

	Connection	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Version	Part Number
 <p>Female Thread</p>	G 1/2	170	100	50	30	18					08KLIW21SVN
 <p>Hose Barb</p>	13 mm	170	100	50	44	18					08KLTF13SVN

Plugs – flat-sealing **Series 08KL**

	Connection	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	Version	Part Number
 <p>Female Thread</p>	G 1/2	170	100	50	30	27					08SLIW21SVN
 <p>Hose Barb</p>	13 mm	170	100	50	44	27					08SLTF13SVN

KOVARZ S.r.l.

Nominal Diameter

8,5 = 60 mm²

Rectus Series

45**Technical Description**

Brass coupling with no valve for applications with non-aggressive liquids in the pressure range up to 150 bar. The couplings are corrosion resistant. The system stands out for a high flow with minimal pressure drop.

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****

15 bar

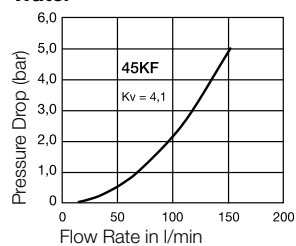
** maximum static working pressure with safety factor 4 to 1.

Material

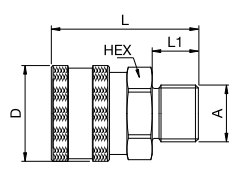
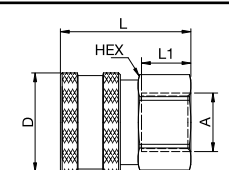
Coupling: Brass
Plug: Steel nickel plated
Seals: NBR

Interchangeability

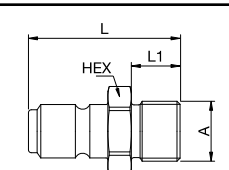
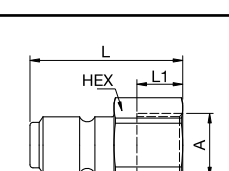
- Hansen
- Parker ST-Series

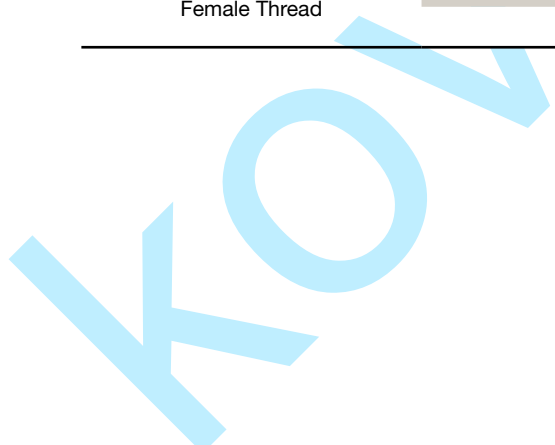
Flow diagrams**Water**

Couplings – without valve **Series 45KF**

	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 1/4	24		43	13,5		28				45KFAW13MPX
	G 3/8	24		43	13,5		28				45KFAW17MPX
 <p>Female Thread</p>	G 1/4	24		37	13,5		28				45KFIW13MPX
	G 3/8	24		37	14		28				45KFIW17MPX

Plugs – without valve **Series 45KF**

	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 1/4	19		42	13,5						45SFAW13SXN
	G 3/8	22		42	13,5						45SFAW17SXN
 <p>Female Thread</p>	G 1/4	19		40	14						45SFIW13SXN
	G 3/8	22		40	14						45SFIW17SXN



Nominal Diameter

8,5 = 60 mm²

Rectus Series

30**Technical Description**

Steel coupling 3/8" according to ISO 6150 B and US MIL-SPEC 4109. Very robust design with steel valve bodies. The high insertion depth is guaranteed by an optimised plug guide.

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.

Material

Coupling: Brass / Steel

Plug: Steel nickel plated

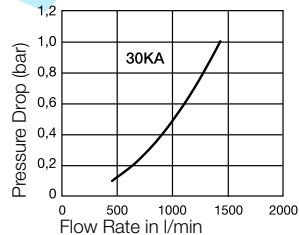
Seals: NBR

Interchangeability

- Industrial. Interchange 3/8"
- US-MIL-SPEC-C-4109
- ISO 6150 B
- Gromelle 900
- ARO
- Hansen 4000
- Parker 30 3/8"

Flow diagrams

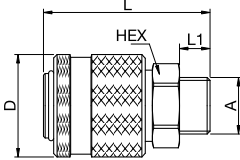
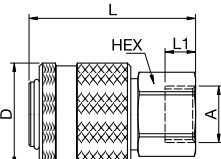
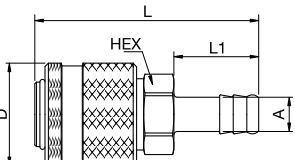
Air





Couplings – with valve

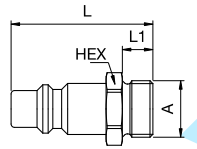
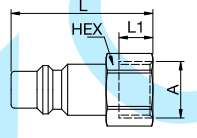
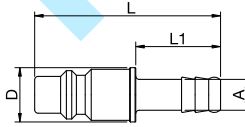
Series 30KA

	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	22		49	9		30			blank	30KAAW13SPX
	G 1/4	22		49	9		30			nickel plated	30KAAW13SPN
	G 3/8	22		49	9		30			blank	30KAAW17SPX
	G 3/8	22		49	9		30			nickel plated	30KAAW17SPN
	G 1/2	22		52	12		30			blank	30KAAW21SPX
	G 1/2	22		52	12		30			nickel plated	30KAAW21SPN
 Female Thread	G 1/4	22		49	11		30			blank	30KAIW13SPX
	G 1/4	22		49	11		30			nickel plated	30KAIW13SPN
	G 3/8	22		49	9		30			blank	30KAIW17SPX
	G 3/8	22		49	9		30			nickel plated	30KAIW17SPN
	G 1/2	22		52	12		30			blank	30KAIW21SPX
	G 1/2	22		52	12		30			nickel plated	30KAIW21SPN
 Hose Barb	6 mm	21		66	25		30			blank	30KATF06SPX
	6 mm	21		66	25		30			nickel plated	30KATF06SPN
	8 mm	21		66	25		30			blank	30KATF08SPX
	8 mm	21		66	25		30			nickel plated	30KATF08SPN
	10 mm	21		66	25		30			blank	30KATF10SPX
	10 mm	21		66	25		30			nickel plated	30KATF10SPN
	13 mm	21		66	25		30			blank	30KATF13SPX
	13 mm	21		66	25		30			nickel plated	30KATF13SPN



Plugs – without valve

Series 30KA

	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	17		42	9						30SFAW13SXN
	G 3/8	19		42	9						30SFAW17SXN
	G 1/2	24		46	12						30SFAW21SXN
 Female Thread	G 1/4	17		40	10						30SFIW13SXN
	G 3/8	19		42	10						30SFIW17SXN
	G 1/2	24		43	12						30SFIW21SXN
 Hose Barb	6 mm			55	25		16				30SFTF06SXN
	8 mm			55	25		16				30SFTF08SXN
	10 mm			55	25		16				30SFTF10SXN
	13 mm			55	25		16				30SFTF13SXN

9 = 63,5 mm²



209



Other designs in series 209

The following other designs can be found from page:

► Stainless Steel P. 214

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*

-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**

15 bar

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

Material

Coupling: Brass nickel plated

Plug: Brass nickel plated

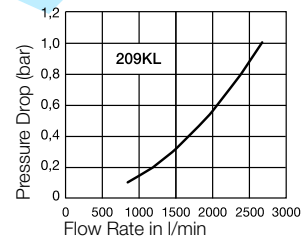
Seals: NBR

Interchangeability

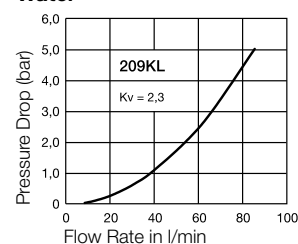
• Rectus Design

Flow diagrams

Air



Water





Couplings – flat-sealing

Series 209KL

	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 1/2	27		92	14		33				209KLIW21MPN
	G 3/4	32		94	14		33				209KLIW26MPN



Plugs – flat-sealing

Series 209KL

	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 1/2	27		79,5	14						209SLIW21MPN
	G 3/4	32		81,5	14						209SLIW26MPN

9 = 63 mm²**40****Technical Description**

Brass coupling system produced for raw applications. The system is suitable for use with non-aggressive liquid media. The couplings are corrosion resistant.

Coupling system with single-hand operation. The ergonomic sleeve design prevents dirt on the valve body.

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.

Material

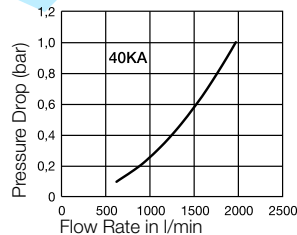
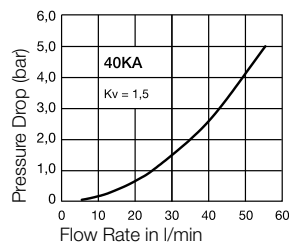
Coupling: Brass

Plug: Steel nickel plated

Seals: NBR

Interchangeability

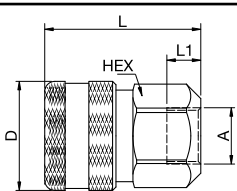
- ARO 310
- Orion 44520
- Orion 44530

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



Couplings – with valve

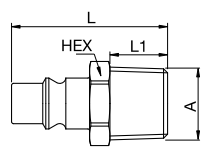
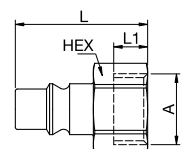
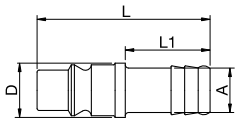
Series 40KA

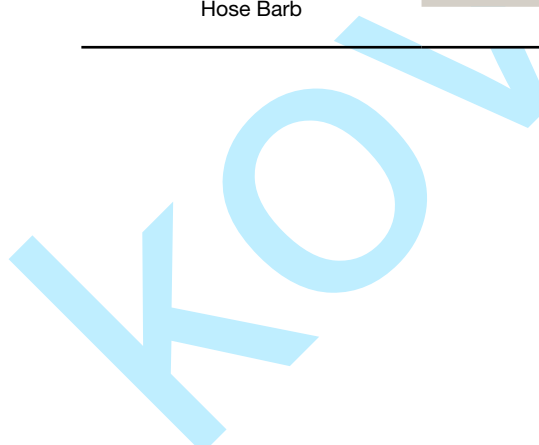
	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Female Thread</p>	G 3/8	27		46	10		32			blank	40KAIW17MPX
	G 3/8	27		46	10		32			nickel plated	40KAIW17MPN
	G 1/2	27		46	11		32			blank	40KAIW21MPX
	G 1/2	27		46	11		32			nickel plated	40KAIW21MPN



Plugs – without valve

Series 40KA

	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	16		40	12						40SFAK17SXN
	R 1/2	16		46	17						40SFAK21SXN
	R 3/4	16		51	19						40SFAK26SXN
 <p>Female Thread</p>	G 3/8	19		35	9						40SFIW17SXN
	G 1/2	24		39	12						40SFIW21SXN
 <p>Hose Barb</p>	6 mm			51	25		16				40SFTF06SXN
	8 mm			51	25		16				40SFTF08SXN
	10 mm			51	25		16				40SFTF10SXN
	13 mm			51	25		16				40SFTF13SXN
	19 mm			51	25		21				40SFTF19SXN





Technical Description

1/2" universal industrial coupling with standard European profile for use with large pneumatic consumers. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The series stands out for its robust design (steel sleeve), extremely high flow 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. SK27S

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 27

The following other designs can be found from page:

- ▶ Stainless Steel P. 216
- ▶ Safety Self-Venting P. 296



Working Pressure**

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

35 bar

Material

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

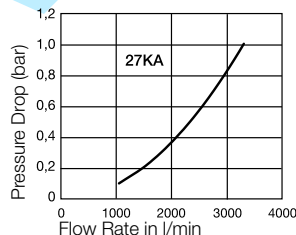
Coupling: Brass
Plug: Brass nickel plated
Seals: NBR

Interchangeability

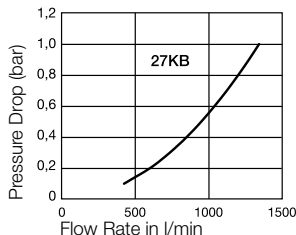
- Rectus 41
- Rectus 1700
- Rectus 1727
- Cejn 410

Flow diagrams

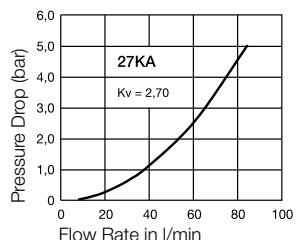
Air



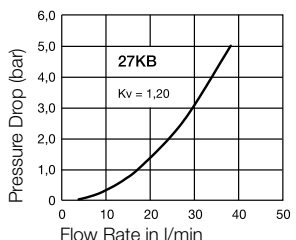
Air



Water



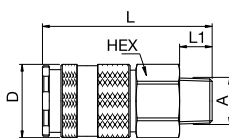
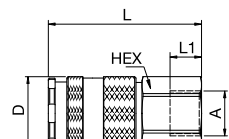
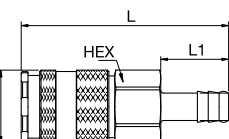
Water





Couplings – with valve

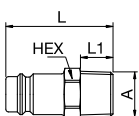
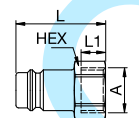
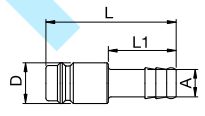
Series 27KA

	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	24		63	12		27				27KAAK13MPN
	R 3/8	24		63	12		27				27KAAK17MPN
	R 1/2	24		65	17		27				27KAAK21MPN
	R 3/4	27		65	17		27				27KAAK26MPN
 <p>Female Thread</p>	G 1/4	24		56	10		27				27KAIW13MPN
	G 3/8	24		56	11		27				27KAIW17MPN
	G 1/2	24		56	12		27				27KAIW21MPN
	G 3/4	27		60	16		27				27KAIW26MPN
 <p>Hose Barb</p>	6 mm	24		76	25		27				27KATF06MPN
	8 mm	24		76	25		27				27KATF08MPN
	9 mm	24		76	25		27				27KATF09MPN
	10 mm	24		76	25		27				27KATF10MPN
	13 mm	24		76	25		27				27KATF13MPN
	16 mm	24		76	20		27				27KATF16MPN
	19 mm	24		76	25		27				27KATF19MPN



Plugs – without valve

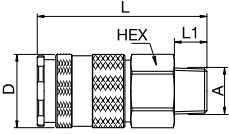
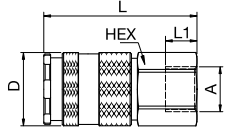
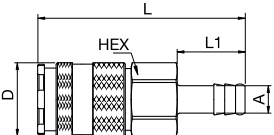
Series 27KA

	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	17		40	12						27SFAK13SXN
	R 3/8	17		40	12						27SFAK17SXN
	R 1/2	22		45	17						27SFAK21SXN
	R 3/4	27		48	19						27SFAK26SXN
 <p>Female Thread</p>	G 1/4	17		33	9						27SFIW13SXN
	G 3/8	19		33	12						27SFIW17SXN
	G 1/2	24		37	12						27SFIW21SXN
	G 3/4	32		42	16						27SFIW26SXN
 <p>Hose Barb</p>	6 mm			48	25		15				27SFTF06SXN
	8 mm			48	25		15				27SFTF08SXN
	9 mm			48	25		15				27SFTF09SXN
	10 mm			48	25		15				27SFTF10SXN
	13 mm			48	25		15				27SFTF13SXN
	16 mm			48	25		18				27SFTF16SXN
	19 mm			48	25		21				27SFTF19SXN

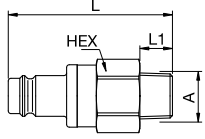
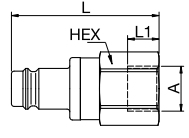
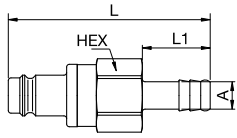


Couplings – with valve

Series 27KB

	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	24		63	12		27			blank	27KBAK13BPX
	R 1/4	24		63	12		27			nickel plated	27KBAK13BPN
	R 3/8	24		63	12		27			blank	27KBAK17BPX
	R 3/8	24		63	12		27			nickel plated	27KBAK17BPN
	R 1/2	24		65	17		27			blank	27KBAK21BPX
	R 1/2	24		65	17		27			nickel plated	27KBAK21BPN
	R 3/4	27		65	17		27			blank	27KBAK26BPX
	R 3/4	27		65	17		27			nickel plated	27KBAK26BPN
 <p>Female Thread</p>	G 1/4	24		56	10		27			blank	27KBIW13BPX
	G 1/4	24		56	10		27			nickel plated	27KBIW13BPN
	G 3/8	24		56	11		27			blank	27KBIW17BPX
	G 3/8	24		56	11		27			nickel plated	27KBIW17BPN
	G 1/2	24		56	12		27			blank	27KBIW21BPX
	G 1/2	24		56	12		27			nickel plated	27KBIW21BPN
	G 3/4	32		60	16		27			blank	27KBIW26BPX
	G 3/4	32		60	16		27			nickel plated	27KBIW26BPN
 <p>Hose Barb</p>	6 mm	24		76	25		27			blank	27KBTF06BPX
	6 mm	24		76	25		27			nickel plated	27KBTF06BPN
	8 mm	24		76	25		27			blank	27KBTF08BPX
	8 mm	24		76	25		27			nickel plated	27KBTF08BPN
	9 mm	24		76	25		27			blank	27KBTF09BPX
	9 mm	24		76	25		27			nickel plated	27KBTF09BPN
	10 mm	24		76	25		27			blank	27KBTF10BPX
	10 mm	24		76	25		27			nickel plated	27KBTF10BPN
	13 mm	24		76	25		27			blank	27KBTF13BPX
	13 mm	24		76	25		27			nickel plated	27KBTF13BPN
	16 mm	24		76	25		27			blank	27KBTF16BPX
	16 mm	24		76	25		27			nickel plated	27KBTF16BPN
19 mm	24		76	25		27			blank	27KBTF19BPX	
19 mm	24		76	25		27			nickel plated	27KBTF19BPN	



	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	24		60,5	12						27SBAK13MPN
	R 3/8	24		60,5	12						27SBAK17MPN
	R 1/2	24		62,5	17						27SBAK21MPN
	R 3/4	27		62,5	17						27SBAK26MPN
 <p>Female Thread</p>	G 1/4	24		54,5	9						27SBIW13MPN
	G 3/8	24		54,5	9						27SBIW17MPN
	G 1/2	24		54,5	12						27SBIW21MPN
	G 3/4	32		58,5	16						27SBIW26MPN
 <p>Hose Barb</p>	6 mm	24		74	25						27SBTF06MPN
	8 mm	24		74	25						27SBTF08MPN
	9 mm	24		74	25						27SBTF09MPN
	10 mm	24		74	25						27SBTF10MPN
	13 mm	24		74	25						27SBTF13MPN
	16 mm	24		74	25						27SBTF16MPN
	19 mm	24		74	25						27SBTF19MPN

KONV



Technical Description

Rectus Tema premium industrial coupling 1/2" with standard European profile. Suitable for compressed air applications with greater than average air consumption. Above-average flow values compared with standard market products. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop.

Dust Protections  (P. 319) for Coupling Part.-No. SK27S

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.

35 bar

Other designs in series 1700

The following other designs can be found from page:

- ▶ Stainless Steel P. 216
- ▶ Safety Self-Venting P. 296

Material

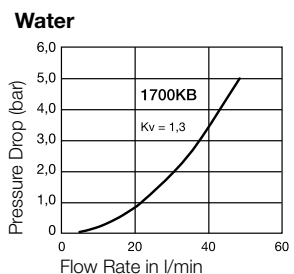
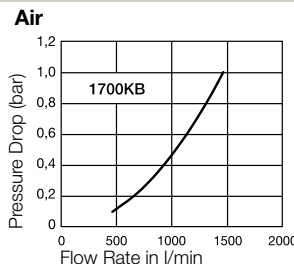
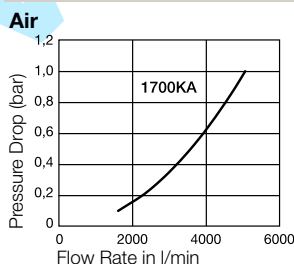
Coupling: Brass nickel plated, Steel QPQ treated
Plug: Steel nickel plated
Seals: NBR

Coupling: Brass nickel plated
Plug: Brass nickel plated
Seals: NBR

Interchangeability

- Rectus 27
- Rectus 1727
- Cejn 410

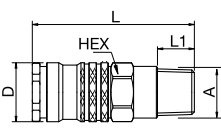
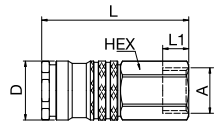
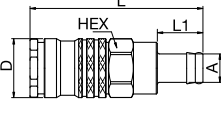
Flow diagrams





Couplings – with valve

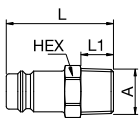
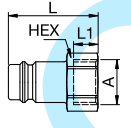
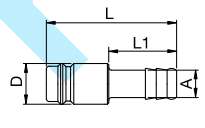
Series 1700KA

	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	24		70	12		27				1700KAAK17SPN
	R 1/2	24		75	17		27				1700KAAK21SPN
	R 3/4	27		64	17		27				1700KAAK26SPN
 <p>Female Thread</p>	G 3/8	24		64,5	10		27				1700KAIW17SPN
	G 1/2	24		68	11		27				1700KAIW21SPN
	G 3/4	32		69	14		27				1700KAIW26SPN
 <p>Hose Barb</p>	10 mm	24		80	21		27				1700KATF10SPN
	13 mm	24		80	21		27				1700KATF13SPN
	16 mm	24		80	21		27				1700KATF16SPN



Plugs – without valve

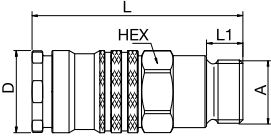
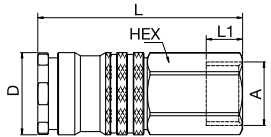
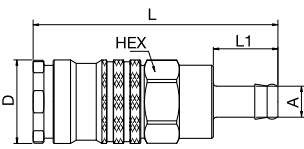
Series 27SF

	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	17		40	12						27SFAK13SXN
	R 3/8	17		40	12						27SFAK17SXN
	R 1/2	22		45	17						27SFAK21SXN
	R 3/4	27		48	19						27SFAK26SXN
 <p>Female Thread</p>	G 1/4	17		33	9						27SFIW13SXN
	G 3/8	19		33	12						27SFIW17SXN
	G 1/2	24		37	12						27SFIW21SXN
	G 3/4	32		42	16						27SFIW26SXN
 <p>Hose Barb</p>	6 mm			48	25		15				27SFTF06SXN
	8 mm			48	25		15				27SFTF08SXN
	9 mm			48	25		15				27SFTF09SXN
	10 mm			48	25		15				27SFTF10SXN
	13 mm			48	25		15				27SFTF13SXN
	16 mm			48	25		18				27SFTF16SXN
19 mm			48	25		21				27SFTF19SXN	



Couplings – with valve

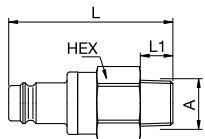
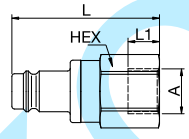
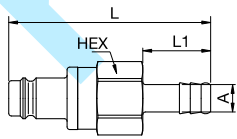
Series 1700KB

	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	24		64,5	7		27				1700KBAW17BPN
	G 1/2	24		69,5	12		27				1700KBAW21BPN
	G 3/4	30		73,5	16		27				1700KBAW26BPN
 <p>Female Thread</p>	G 3/8	24		67,5	12		27				1700KBIW17BPN
	G 1/2	24		67,5	12		27				1700KBIW21BPN
	G 3/4	32		73,5	16		27				1700KBIW26BPN
 <p>Hose Barb</p>	10 mm	24		79,5	21		27				1700KBTF10BPN
	13 mm	24		79,5	21		27				1700KBTF13BPN
	16 mm	24		79,5	21		27				1700KBTF16BPN
	19 mm	24		79,5	21		27				1700KBTF19BPN



Plugs – with valve

Series 27SB

	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	24		60,5	12						27SBAK13MPN
	R 3/8	24		60,5	12						27SBAK17MPN
	R 1/2	24		62,5	17						27SBAK21MPN
	R 3/4	27		62,5	17						27SBAK26MPN
 <p>Female Thread</p>	G 1/4	24		54,5	9						27SBIW13MPN
	G 3/8	24		54,5	9						27SBIW17MPN
	G 1/2	24		54,5	12						27SBIW21MPN
	G 3/4	32		58,5	16						27SBIW26MPN
 <p>Hose Barb</p>	6 mm	24		74	25						27SBTF06MPN
	8 mm	24		74	25						27SBTF08MPN
	9 mm	24		74	25						27SBTF09MPN
	10 mm	24		74	25						27SBTF10MPN
	13 mm	24		74	25						27SBTF13MPN
	16 mm	24		74	25						27SBTF16MPN
19 mm	24		74	25						27SBTF19MPN	

KOVARZ S.r.l.

Nominal Diameter

10 = 80 mm²

Rectus Series

1727**Other designs in series 1727**

The following other designs can be found from page:

- ▶ Stainless Steel P. 216
- ▶ Safety Self-Venting P. 290

Technical Description

Rectus Tema premium industrial coupling 1/2" with standard European profile. Suitable for compressed air applications with greater than average air consumption. Above-average flow values compared with standard market products. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. Extremely robust and ergonomically shaped, 2-component plastic sleeve.

**Working Pressure****

35 bar

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

Material

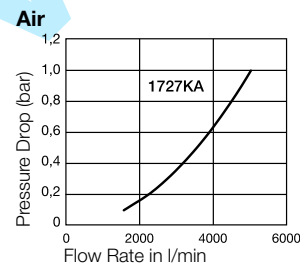
Coupling: Brass nickel plated, Steel QPQ treated, PA6+TPE

Plug: Steel nickel plated

Seals: NBR

Interchangeability

- Rectus 27
- Rectus 1700
- Cejn 410

Flow diagrams

Dust Protections  (P. 319)
for Coupling Part.-No. SK27S
for Plug Part.-No. SK16S

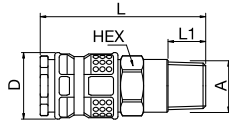
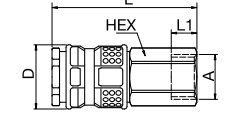
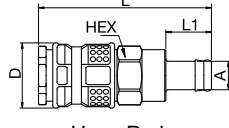
Working Temperature*
-20°C up to +40°C (NBR)
depending on the medium.

* For temperatures below -20°C and over +40°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.



Couplings – with valve

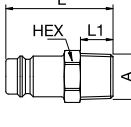
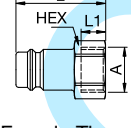
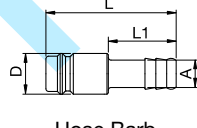
Series 1727KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	R 3/8	24		70	12		30				1727KAAK17SPN
	R 1/2	24		75	17		30				1727KAAK21SPN
	R 3/4	27		64	17		30				1727KAAK26SPN
 Female Thread	G 3/8	24		64,5	10		30				1727KAIW17SPN
	G 1/2	24		68	12		30				1727KAIW21SPN
	G 3/4	32		69	14		30				1727KAIW26SPN
 Hose Barb	10 mm	24		80	21		30				1727KATF10SPN
	13 mm	24		80	21		30				1727KATF13SPN
	16 mm	24		80	21		30				1727KATF16SPN



Plugs – without valve

Series 27SF

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	17		40	12						27SFAK13SXN
	R 3/8	17		40	12						27SFAK17SXN
	R 1/2	22		45	17						27SFAK21SXN
	R 3/4	27		48	19						27SFAK26SXN
 Female Thread	G 1/4	17		33	9						27SFIW13SXN
	G 3/8	19		33	12						27SFIW17SXN
	G 1/2	24		37	12						27SFIW21SXN
	G 3/4	32		42	16						27SFIW26SXN
 Hose Barb	6 mm			48	25		15				27SFTF06SXN
	8 mm			48	25		15				27SFTF08SXN
	9 mm			48	25		15				27SFTF09SXN
	10 mm			48	25		15				27SFTF10SXN
	13 mm			48	25		15				27SFTF13SXN
	16 mm			48	25		18				27SFTF16SXN
19 mm			48	25		21				27SFTF19SXN	



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

- | | |
|--|--|
| <ul style="list-style-type: none"> • Single-hand operation • Particularly suited to medium-sized to large pneumatic systems and compressed air tools | <ul style="list-style-type: none"> • 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

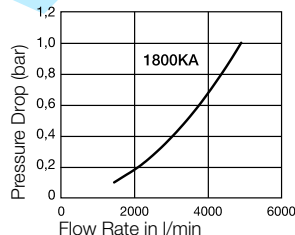
Coupling: Brass nickel plated and chrome plated
Plug: Brass nickel plated and chrome plated
Seals: NBR

Interchangeability

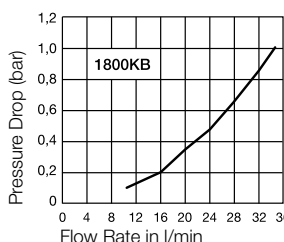
- Rectus 32
- Cejn 408

Flow diagrams

Air



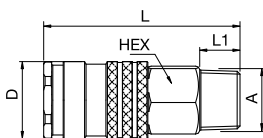
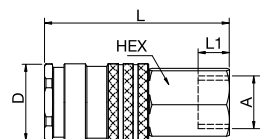
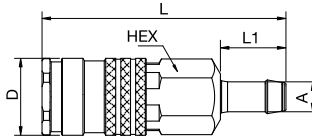
Water





Couplings – with valve

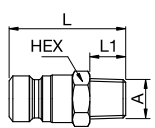
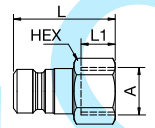
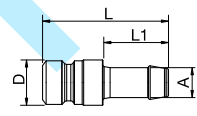
Series 1800KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	R 3/8	23		69	11		27				1800KAAK17MPN
	R 1/2	23		69	13		27				1800KAAK21MPN
	R 3/4	27		73	15		27				1800KAAK26MPN
 Female Thread	G 3/8	23		65	10		27				1800KAIW17MPN
	G 1/2	25		65	10		27				1800KAIW21MPN
	G 3/4	30		67	11		27				1800KAIW26MPN
 Hose Barb	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
 Male Thread	R 1/8	17		36	10						1800SFAK10SXZ
	R 1/4	17		39	12						1800SFAK13SXZ
	G 1/4	17		35	9						1800SFAW13SXZ
	R 3/8	17		38	12						1800SFAK17SXZ
	G 3/8	22		36	10						1800SFAW17SXZ
	R 1/2	22		40	14						1800SFAK21SXZ
	R 3/4	27		43	16						1800SFAK26SXZ
 Female Thread	G 1/4	17		36	10						1800SFIW13SXZ
	G 3/8	22		36	10						1800SFIW17SXZ
	G 1/2	27		39	12						1800SFIW21SXZ
 Hose Barb	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				1800SFTF16SXZ
	19 mm			47	24		23				1800SFTF19SXZ



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

Cross-Reference-List

Connection	Thread	Rectus Part Number old	Tema Part Number old	Part Number new	Page
 Couplings – with valve					
Male Thread	R 1/2		1800 NA	1800KBAK21MPN	142
Female Thread	G 3/8		1800 N	1800KBIW17MPN	142
	G 1/2		1800 NB	1800KBIW21MPN	142
	G 3/4		1800 NC	1800KBIW26MPN	142
 Plugs – with valve					
Male Thread	G 1/2		18420 MN	1800SBAK21MPC	142
Female Thread	G 3/8		18410 MN	1800SBIW17MPC	142
	G 3/4		18430 MN	1800SBIW26MPC	142

KOVARZ S.r.l.

**Technical Description**

Industrial coupling with Atlas Copco-Profile. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. Optimal for use with large pneumatic consumers due to the robust design and steel sleeve. The collar design minimises damage to the valve body.

Dust Protections  (P. 319)
for Coupling Part.-No. SK27S

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.

Material

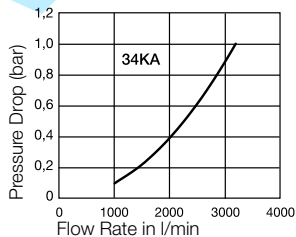
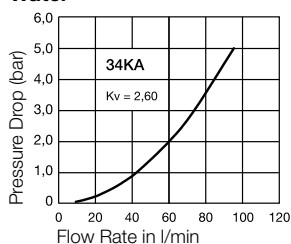
Coupling: Brass / Steel nickel plated

Plug: Steel nickel plated

Seals: NBR

Interchangeability

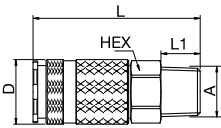
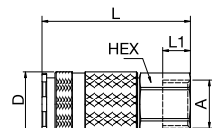
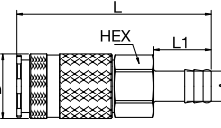
- Atlas Copco QIC 15

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



Couplings – with valve

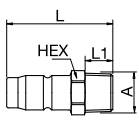
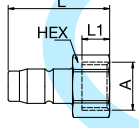

Series 34KA

	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	24		70	12		28				34KAAK13SPN
	R 3/8	24		70	12		28				34KAAK17SPN
	R 1/2	24		72	12		28				34KAAK21SPN
	R 3/4	27		72	12		28				34KAAK26SPN
 <p>Female Thread</p>	G 1/4	24		64	9		28				34KAIW13SPN
	G 3/8	24		64	12		28				34KAIW17SPN
	G 1/2	24		64	12		28				34KAIW21SPN
 <p>Hose Barb</p>	6 mm	24		84	25		28				34KATF06SPN
	8 mm	24		84	25		28				34KATF08SPN
	10 mm	24		84	25		28				34KATF10SPN
	13 mm	24		84	25		28				34KATF13SPN
	16 mm	24		84	25		28				34KATF16SPN
	19 mm	24		84	25		28				34KATF19SPN



Plugs – without valve

Series 34KA

	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	17		46	12						34SFAK13SXN
	R 3/8	19		46	12						34SFAK17SXN
	R 1/2	22		52	17						34SFAK21SXN
 <p>Female Thread</p>	G 3/8	19		40	9						34SFIW17SXN
	G 1/2	24		44	12						34SFIW21SXN
 <p>Hose Barb</p>	6 mm			55	25		15				34SFTF06SXN
	10 mm			55	25		15				34SFTF10SXN
	13 mm			55	25		15				34SFTF13SXN
	16 mm			55	25		18				34SFTF16SXN

**Technical Description**

Brass coupling with no valve for applications with liquids in the pressure range up to 35 bar. The couplings are corrosion resistant. The system stands out for a high flow with minimal pressure drop.

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.

Material

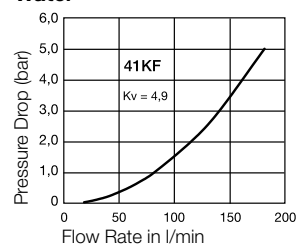
Coupling: Brass nickel plated

Plug: Brass nickel plated

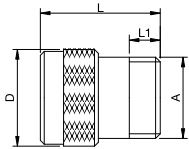
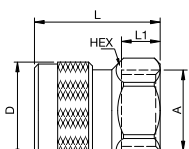
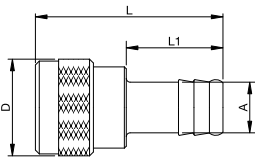
Seals: NBR

Interchangeability

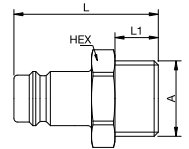
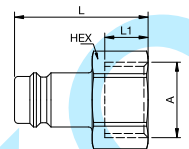
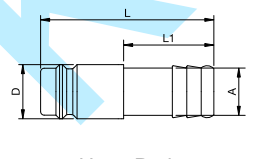
- Rectus 27
- Cejn 417

Flow diagrams**Water**

Couplings – without valve **Series 41KF**

	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			31	8		25				41KFAW21MPN
	G 3/4			32,5	9		25				41KFAW26MPN
 <p>Female Thread</p>	G 1/2	24		32,5	10		25				41KFIW21MPN
	G 3/4	30		32,5	10		25				41KFIW26MPN
	M 22 x 1	24		32,5	10		25				41KFIW22MPN
 <p>Hose Barb</p>	10 mm			48,5	25		25				41KFTF10MPN
	13 mm			48,5	25		25				41KFTF13MPN
	16 mm			48,5	25		25				41KFTF16MPN
	19 mm			48,5	25		25				41KFTF19MPN

Plugs – without valve **Series 41KF**

	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	24		40	12						41SFAW21MXN
	G 3/4	32		45	16						41SFAW26MXN
 <p>Female Thread</p>	G 1/2	24		37	12						41SFIW21MXN
	G 3/4	32		42	16						41SFIW26MXN
	M 22 x 1	24		36	12						41SFIW22MXN
 <p>Hose Barb</p>	8 mm			48	25		15				41SFTF08MXN
	10 mm			48	25		15				41SFTF10MXN
	13 mm			48	25		15				41SFTF13MXN
	16 mm			48	25		18				41SFTF16MXN
	19 mm			48	25		21				41SFTF19MXN

**Technical Description**

Brass coupling with no valve for applications with liquids in the pressure range up to 35 bar. The couplings are corrosion resistant. The system stands out for a high flow with minimal pressure drop.

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.

Material

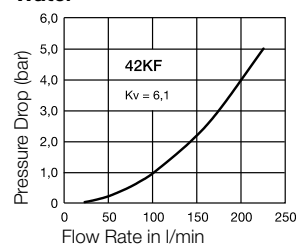
Coupling: Brass chrome plated

Plug: Brass chrome plated

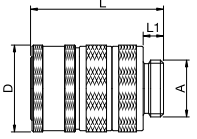
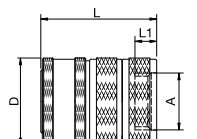
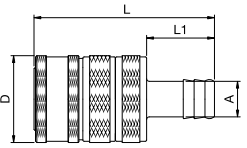
Seals: NBR

Interchangeability

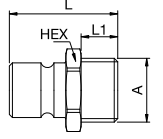
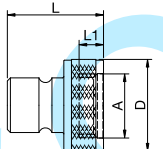
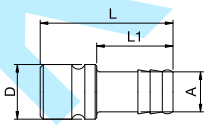
- ABA-Beul

Flow diagrams**Water**

Couplings – without valve **Series 42KF**

	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			49	7,5		32				42KFAW21MPC
	G 3/4			49	7,5		32				42KFAW26MPC
 <p>Female Thread</p>	G 1/2			34	8		32				42KFIW21MPC
	G 3/4			34	8		32				42KFIW26MPC
 <p>Hose Barb</p>	9 mm			55	25		32				42KFTF09MPC
	13 mm			55	25		32				42KFTF13MPC
	19 mm			55	25		32				42KFTF19MPC

Plugs – without valve **Series 42KF**

	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	24		35,5	12						42SFAW21MXC
	G 3/4	32		42,5	16						42SFAW26MXC
 <p>Female Thread</p>	G 1/2			31,5	8		30				42SFIW21MXC
	G 3/4			31,5	8		30				42SFIW26MXC
 <p>Hose Barb</p>	9 mm			48	25		15				42SFTF09MXC
	13 mm			48	25		15				42SFTF13MXC
	19 mm			48	25		15				42SFTF19MXC

**Technical Description**

Robust brass coupling system 1/2" according to ISO 6150 B and US MIL-SPEC 4109. Coupling system with single-hand operation. The high insertion depth is guaranteed by an optimised plug guide.

Dust Protections  (P. 319)
for Coupling Part.-No. SK27S
for Plug Part.-No. SK16S

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.

Material

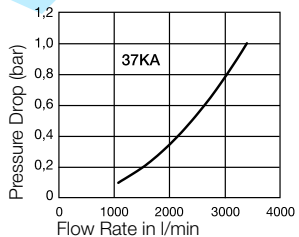
Coupling: Brass
Plug: Steel nickel plated
Seals: NBR

Interchangeability

- Industrial Interchange 1/2"
- US-MIL-SPEC C-4109 1/2"
- ISO 6150-B
- Gromelle 1300
- Hansen 5000

Flow diagrams

Air





Couplings – with valve

Series 37KA

Brass/Steel

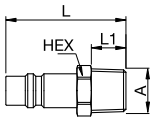
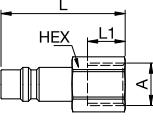
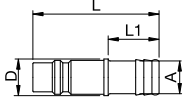
Low Pressure

	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	30		70,5	9		35			blank	37KAAW17MPX
	G 3/8	30		70,5	9		35			nickel plated	37KAAW17MPN
	1/2" NPT	30		79	17		35			blank	37KAAN21MPX
	1/2" NPT	30		79	17		35			nickel plated	37KAAN21MPN
	G 1/2	30		76,5	12		35			blank	37KAAW21MPX
	G 1/2	30		76,5	12		35			nickel plated	37KAAW21MPN
	3/4" NPT	30		81	19		35			blank	37KAAN26MPX
	3/4" NPT	30		81	19		35			nickel plated	37KAAN26MPN
	G 3/4	30		77,5	13		35			blank	37KAAW26MPX
	G 3/4	30		77,5	13		35			nickel plated	37KAAW26MPN
<p>Female Thread</p>	3/8" NPSF	30		76	14		35			blank	37KAIN17MPX
	3/8" NPSF	30		76	14		35			nickel plated	37KAIN17MPN
	1/2" NPSF	30		83	23		35			blank	37KAIN21MPX
	1/2" NPSF	30		83	23		35			nickel plated	37KAIN21MPN
	3/4" NPSF	32		84	24		35			blank	37KAIN26MPX
	3/4" NPSF	32		84	24		35			nickel plated	37KAIN26MPN
<p>Hose Barb</p>	10 mm	30		86	25		35			blank	37KATF10MPX
	10 mm	30		86	25		35			nickel plated	37KATF10MPN
	13 mm	30		86	25		35			blank	37KATF13MPX
	13 mm	30		86	25		35			nickel plated	37KATF13MPN
	16 mm	30		86	25		35			blank	37KATF16MPX
	16 mm	30		86	25		35			nickel plated	37KATF16MPN
	19 mm	30		86	25		35			blank	37KATF19MPX
	19 mm	30		86	25		35			nickel plated	37KATF19MPN

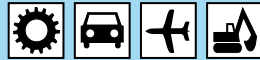


Plugs – without valve

Series 37KA

	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		60	17						37SFAK21SXN
	R 3/4	27		61	19						37SFAK26SXN
 <p>Female Thread</p>	G 1/2	24		50	10						37SFIW21SXN
	G 3/4	32		57	14						37SFIW26SXN
 <p>Hose Barb</p>	10 mm			62	25		17				37SFTF10SXN
	13 mm			62	25		17				37SFTF13SXN
	16 mm			62	25		18				37SFTF16SXN
	19 mm			72	35		21				37SFTF19SXN

KOVARZ S.r.l.



Technical Description

German industrial profile for compressed air applications. UltraFlo valve for optimum flow and low pressure drop. Robust structure, optimised with respect to size and performance. Especially suitable for oscillating forces due to steel sleeve and steel valve bodies. The collar design minimises damage to the valve body.

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.

35 bar

Features

- Brass design particularly suited to use with liquids

Material

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

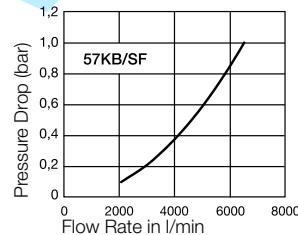
Coupling: Brass / Steel nickel plated
Plug: Brass nickel plated
Seals: NBR

Interchangeability

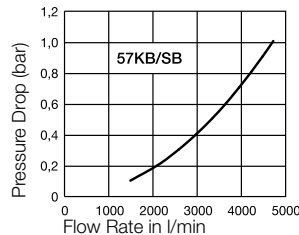
- Walther LP012

Flow diagrams

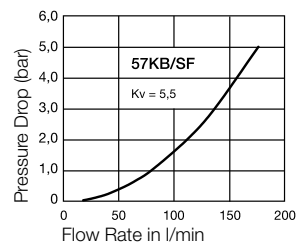
Air



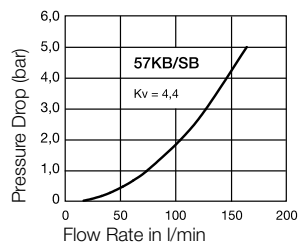
Air



Water



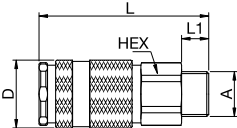
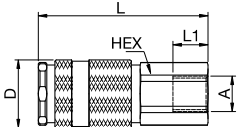
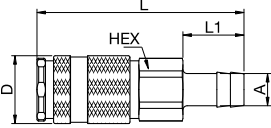
Water





Couplings – with valve

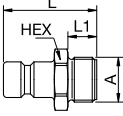
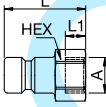
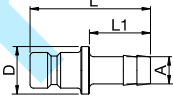
Series 57KB

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	G 1/2	34		98	12		40				57KBAW21BPN
	G 3/4	34		100	16		40				57KBAW26BPN
	G 1	41		100	19		40				57KBAW33BPN
 Female Thread	G 1/2	34		100	19		40				57KBIW21BPN
	G 3/4	34		100	16		40				57KBIW26BPN
	G 1	41		101	20		40				57KBIW33BPN
 Hose Barb	16 mm	34		122	36		40				57KBTF16BPN
	19 mm	34		122	36		40				57KBTF19BPN



Plugs – without valve

Series 57SF

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	G 3/8	27		49	12						57SFAW17SXN
	G 1/2	27		52	15						57SFAW21SXN
	G 3/4	32		55	17						57SFAW26SXN
	G 1/2	41		60	20						57SFAW33SXN
 Female Thread	G 1/2	27		48	15						57SFIW21SXN
	G 3/4	32		54	20						57SFIW26SXN
 Hose Barb	13 mm			63	28		28				57SFTF13SXN
	16 mm			71	36		28				57SFTF16SXN
	19 mm			71	36		28				57SFTF19SXN



Plugs – with valve

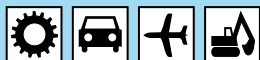
Series 57SB

	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	34		86	12						57SBAW17MPN
	G 1/2	34		83	12						57SBAW21MPN
	G 3/4	34		85	16						57SBAW26MPN
	G 1	41		85	19						57SBAW33MPN
<p>Female Thread</p>	G 1/2	34		85	19						57SBIW21MPN
	G 3/4	34		85	16						57SBIW26MPN
<p>Hose Barb</p>	13 mm	34		101	28						57SBTF13MPN
	16 mm	34		107	36						57SBTF16MPN
	19 mm	34		107	36						57SBTF19MPN

KOVAR

KOVARZ S.r.l.

Nominal Diameter

12,4 = 120 mm²

Rectus Series

1900**Technical Description**

Robust, corrosion resistant coupling system in brass with high flow values for use with liquids in the pressure range up to 50 bar.

Two-hand operation, i.e. both hands are required when connect/disconnect. The main seal of the coupling has a special disc shape, which extends the durability of the coupling. To guarantee greater flexibility, we also offer plugs with no valve.

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****

50 bar

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

50 bar

Material

Coupling: Brass nickel plated and chrome plated

Plug: Brass nickel plated and chrome plated

Seals: NBR

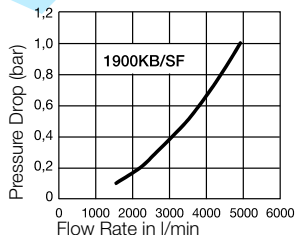
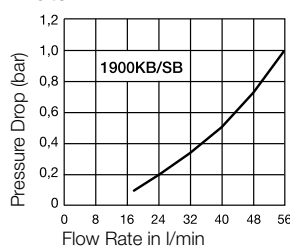
Coupling: Brass nickel plated and chrome plated

Plug: Brass nickel plated and chrome plated

Seals: NBR

Interchangeability

- Tema Design

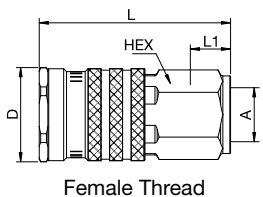
Flow diagrams**Air****Water**



Couplings – with valve

Series 1900KB

Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
G 1/2	27		67	12		33				1900KBIW21MPN
G 3/4	30		68	12		33				1900KBIW26MPN



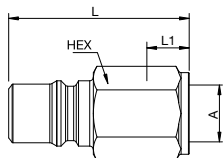
Female Thread



Plugs – without valve

Series 1900SF

Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
G 1/2	27		60	12						1900SFIW21MXC
G 3/4	30		62	12						1900SFIW26MXC



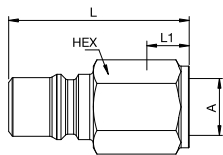
Female Thread



Plugs – with valve





Series 1900SB

Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
G 1/2	27		60	12						1900SBIW21MPC
G 3/4	30		62	12						1900SBIW26MPC



Female Thread

Cross-Reference-List

Connection	Thread	Rectus Part Number old	Tema Part Number old	Part Number new	Page
  Couplings – with valve					
Female Thread	G 1/2		1900 NB	1900KBIW21MPN	161
	G 3/4		1900 NC	1900KBIW26MPN	161
 Plugs – without valve					
Female Thread	G 1/2		19420 M	1900SFIW21MXC	161
	G 3/4		19430 M	1900SFIW26MXC	161
 Plugs – with valve					
Female Thread	G 1/2		19420 MN	1900SBIW21MPC	161
	G 3/4		19430 MN	1900SBIW26MPC	161

KOVARZ S.r.l.

**Technical Description**

Robust coupling system in steel, which is particularly suited to use in the construction industry and mining. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop.

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.

Material

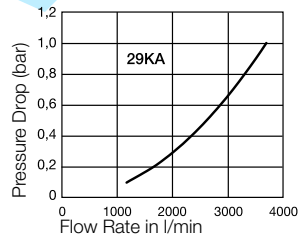
Coupling: Steel zinc plated

Plug: Steel zinc plated

Seals: NBR

Interchangeability

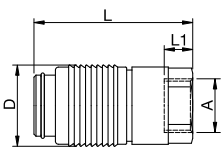
- Rectus Design

Flow diagrams**Air**



Couplings – with valve

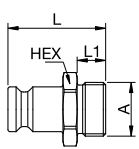
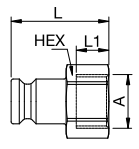
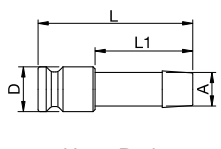
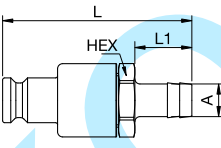
Series 29KA

	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 1/2			78	13		40				29KAIW21SPZ
	G 3/4			78	16		40				29KAIW26SPZ



Plugs – without valve

Series 29KA

	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	24		48	13						29SFAW21SPZ
	G 3/4	32		48	14						29SFAW26SPZ
 <p>Female Thread</p>	G 1/2	27		44	12						29SFIW21SPZ
	G 3/4	32		48	16						29SFIW26SPZ
 <p>Hose Barb</p>	13 mm			76	49		22				29SFTF13SPZ
	19 mm			76	49		22				29SFTF19SPZ
 <p>Recoil Eliminator, with Hose Barb</p>	13 mm	32		93	28						29SRTF13SPZ
	19 mm	32		101	36						29SRTF19SPZ

**Technical Description**

Compact industrial coupling system in brass for use with numerous gaseous and liquid media. UltraFlo valve for optimum flow and low pressure drop.

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.

35 bar

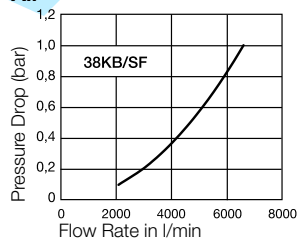
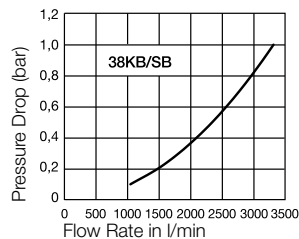
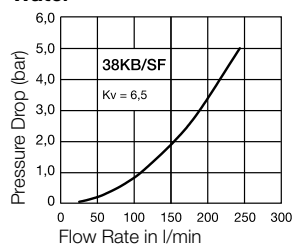
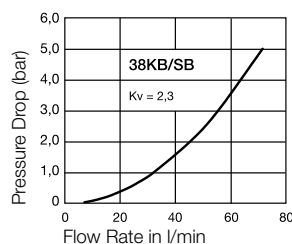
Material

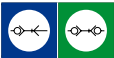
Coupling: Brass
Plug: Brass
Seals: NBR

Coupling: Brass
Plug: Brass
Seals: NBR

Interchangeability

- Hansen 6000

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

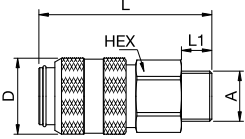
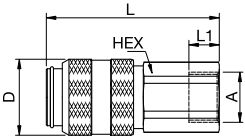
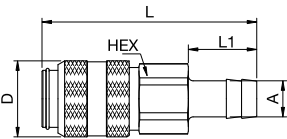


Couplings – with valve

Series 38KB

Brass/Steel

Low Pressure

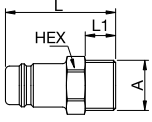
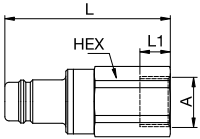
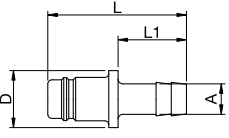
	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	G 1/2	34		89	12		40			blank	38KBAW21MPX
	G 1/2	34		89	12		40			nickel plated	38KBAW21MPN
	G 3/4	34		91	16		40			blank	38KBAW26MPX
	G 3/4	34		91	16		40			nickel plated	38KBAW26MPN
	G 1	41		91	19		40			blank	38KBAW33MPX
	G 1	41		91	19		40			nickel plated	38KBAW33MPN
 <p>Female Thread</p>	G 1/2	34		95	20		40			blank	38KBIW21MPX
	G 1/2	34		95	20		40			nickel plated	38KBIW21MPN
	G 3/4	34		91	14		40			blank	38KBIW26MPX
	G 3/4	34		91	14		40			nickel plated	38KBIW26MPN
	G 1	41		92	20		40			blank	38KBIW33MPX
	G 1	41		92	20		40			nickel plated	38KBIW33MPN
 <p>Hose Barb</p>	13 mm	34		105	28		40			blank	38KBTF13MPX
	13 mm	34		105	28		40			nickel plated	38KBTF13MPN
	16 mm	34		113	36		40			blank	38KBTF16MPX
	16 mm	34		113	36		40			nickel plated	38KBTF16MPN
	19 mm	34		113	36		40			blank	38KBTF19MPX
	19 mm	34		113	36		40			nickel plated	38KBTF19MPN
	25 mm	34		109	36		40			blank	38KBTF25MPX
	25 mm	34		109	36		40			nickel plated	38KBTF25MPN

KONVER

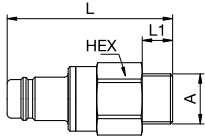
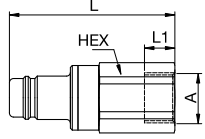
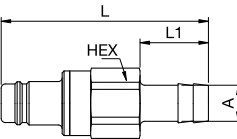


Plugs – without valve

Series 38SF

	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	24		54	12					blank	38SFAW21MXX
	G 1/2	24		54	12					nickel plated	38SFAW21MXN
	G 3/4	27		58	16					blank	38SFAW26MXX
	G 3/4	27		58	16					nickel plated	38SFAW26MXN
	G 1	36		63	19					blank	38SFAW33MXX
	G 1	36		63	19					nickel plated	38SFAW33MXN
 <p>Female Thread</p>	G 1/2	24		49	12					blank	38SFIW21MXX
	G 1/2	24		49	12					nickel plated	38SFIW21MXN
	G 3/4	30		54	18					blank	38SFIW26MXX
	G 3/4	30		54	18					nickel plated	38SFIW26MXN
	G 1	41		61	24					blank	38SFIW33MXX
	G 1	41		61	24					nickel plated	38SFIW33MXN
 <p>Hose Barb</p>	13 mm			65	28		30			blank	38SFTF13MXX
	13 mm			65	28		30			nickel plated	38SFTF13MXN
	16 mm			73	36		30			blank	38SFTF16MXX
	16 mm			73	36		30			nickel plated	38SFTF16MXN
	19 mm			73	36		30			blank	38SFTF19MXX
	19 mm			73	36		30			nickel plated	38SFTF19MXN
	25 mm			76	36		30			blank	38SFTF25MXX
	25 mm			76	36		30			nickel plated	38SFTF25MXN



	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	34		85	12					blank	38SBAW21MPX
	G 1/2	34		85	12					nickel plated	38SBAW21MPN
	G 3/4	34		87	16					blank	38SBAW26MPX
	G 3/4	34		87	16					nickel plated	38SBAW26MPN
	G 1	41		87	19					blank	38SBAW33MPX
	G 1	41		87	19					nickel plated	38SBAW33MPN
 <p>Female Thread</p>	G 1/2	34		87	16					blank	38SBIW21MPX
	G 1/2	34		87	16					nickel plated	38SBIW21MPN
	G 3/4	34		87	16					blank	38SBIW26MPX
	G 3/4	34		87	16					nickel plated	38SBIW26MPN
	G 1	41		88	26					blank	38SBIW33MPX
	G 1	41		88	26					nickel plated	38SBIW33MPN
 <p>Hose Barb</p>	13 mm	34		103	28					blank	38SBTF13MPX
	13 mm	34		103	28					nickel plated	38SBTF13MPN
	16 mm	34		109	36					blank	38SBTF16MPX
	16 mm	34		109	36					nickel plated	38SBTF16MPN
	19 mm	34		109	36					blank	38SBTF19MPX
	19 mm	34		109	36					nickel plated	38SBTF19MPN
	25 mm	34		105	36					blank	38SBTF25MPX
	25 mm	34		105	36					nickel plated	38SBTF25MPN

KONVEN



Technical Description

Compact industrial coupling system in brass for use with numerous gaseous and liquid media. UltraFlo valve for optimum flow and low pressure drop.

Working Temperature*

-20°C up to +100°C (NBR) depending on the medium.

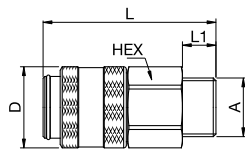
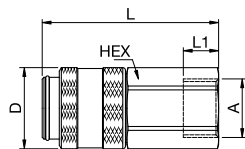
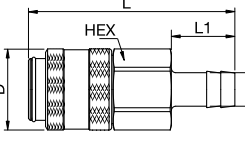
* For temperatures below -20°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.

<p>Working Pressure** 35 bar ** maximum static working pressure with safety factor 4 to 1.</p>	<p>35 bar</p>	<p>8 bar</p>
<p>Features</p> <ul style="list-style-type: none"> • Minimal, almost imperceptible leakage when uncoupling • No air locked into the system during the coupling process 		
<p>Material</p> <p>Coupling: Brass Plug: Brass Seals: NBR</p>		
<p>Interchangeability</p> <ul style="list-style-type: none"> • Hansen 7000 		
<p>Flow diagrams</p>		
<p>Air</p>	<p>Air</p>	<p>Air</p>
<p>Water</p>	<p>Water</p>	<p>Water</p>



Couplings – with valve

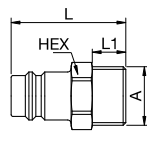
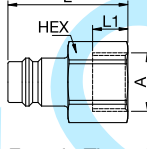
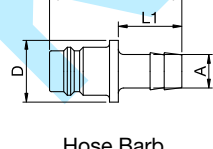
Series 39KB

	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 3/4	41		95	16		46			blank	39KBAW26MPX	
	G 3/4	41		95	16		46			nickel plated	39KBAW26MPN	
	G 1	41		98	19		46			blank	39KBAW33MPX	
	G 1	41		98	19		46			nickel plated	39KBAW33MPN	
	G 1 1/4	46		98	19		46			blank	39KBAW42MPX	
	G 1 1/4	46		98	19		46			nickel plated	39KBAW42MPN	
 <p>Female Thread</p>	G 3/4	41		99	20		46			blank	39KBIW26MPX	
	G 3/4	41		99	20		46			nickel plated	39KBIW26MPN	
	G 1	41		100	20		46			blank	39KBIW33MPX	
	G 1	41		100	20		46			nickel plated	39KBIW33MPN	
	G 1 1/4	50		105	22		46			blank	39KBIW42MPX	
	G 1 1/4	50		105	22		46			nickel plated	39KBIW42MPN	
 <p>Hose Barb</p>	19 mm	41		115	36		46			blank	39KBTf19MPX	
	19 mm	41		115	36		46			nickel plated	39KBTf19MPN	
	25 mm	41		125	48		46			blank	39KBTf25MPX	
	25 mm	41		125	48		46			nickel plated	39KBTf25MPN	



Plugs – without valve

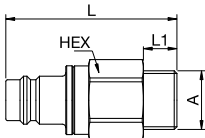
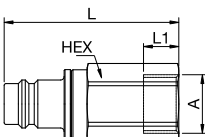
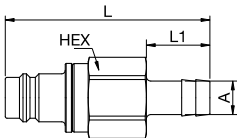
Series 39SF

	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 3/4	30		60	16					blank	39SFAW26MXX	
	G 3/4	30		60	16					nickel plated	39SFAW26MXN	
	G 1	34		65	19					blank	39SFAW33MXX	
	G 1	34		65	19					nickel plated	39SFAW33MXN	
	G 1 1/4	46		68	19					blank	39SFAW42MXX	
	G 1 1/4	46		68	19					nickel plated	39SFAW42MXN	
 <p>Female Thread</p>	G 3/4	32		58	16					blank	39SFIW26MXX	
	G 3/4	32		58	16					nickel plated	39SFIW26MXN	
	G 1	41		68	24					blank	39SFIW33MXX	
	G 1	41		68	24					nickel plated	39SFIW33MXN	
	G 1 1/4	50		70	26					blank	39SFIW42MXX	
	G 1 1/4	50		70	26					nickel plated	39SFIW42MXN	
 <p>Hose Barb</p>	19 mm			75	36		35			blank	39SFTF19MXX	
	19 mm			75	36		35			nickel plated	39SFTF19MXN	
	25 mm			87	48		35			blank	39SFTF25MXX	
	25 mm			87	48		35			nickel plated	39SFTF25MXN	



Plugs – with valve

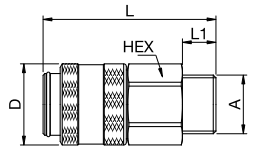
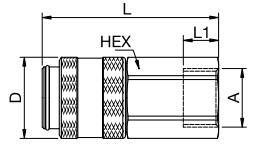
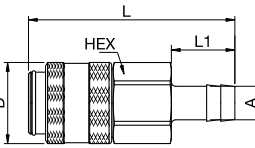
Series 39SB

	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 3/4	41		92	16					blank	39SBAW26MPX
	G 3/4	41		92	16					nickel plated	39SBAW26MPN
	G 1	41		95	19					blank	39SBAW33MPX
	G 1	41		95	19					nickel plated	39SBAW33MPN
	G 1 1/4	46		95	19					blank	39SBAW42MPX
	G 1 1/4	46		95	19					nickel plated	39SBAW42MPN
 <p>Female Thread</p>	G 3/4	41		96	19					blank	39SBIW26MPX
	G 3/4	41		96	19					nickel plated	39SBIW26MPN
	G 1	41		97	24					blank	39SBIW33MPX
	G 1	41		97	24					nickel plated	39SBIW33MPN
	G 1 1/4	50		102	26					blank	39SBIW42MPX
	G 1 1/4	50		102	26					nickel plated	39SBIW42MPN
 <p>Hose Barb</p>	19 mm	41		114	36					blank	39SBTF19MPX
	19 mm	41		114	36					nickel plated	39SBTF19MPN
	25 mm	41		124	48					blank	39SBTF25MPX
	25 mm	41		124	48					nickel plated	39SBTF25MPN



Couplings – flat-sealing

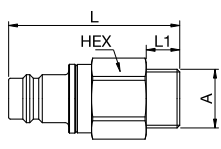
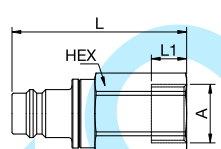
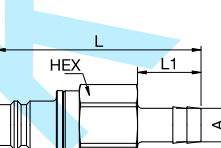
Series 39KL

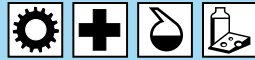
	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number	
 Male Thread	G 3/4	41		95	16		46			blank	39KLAW26MPX	
	G 3/4	41		95	16		46			nickel plated	39KLAW26MPN	
	G 1	41		98	19		46			blank	39KLAW33MPX	
	G 1	41		98	19		46			nickel plated	39KLAW33MPN	
	G 1 1/4	41		98	19		46			blank	39KLAW42MPX	
	G 1 1/4	41		98	19		46			nickel plated	39KLAW42MPN	
 Female Thread	G 3/4	41		99	20		46			blank	39KLIW26MPX	
	G 3/4	41		99	20		46			nickel plated	39KLIW26MPN	
	G 1	41		100	20		46			blank	39KLIW33MPX	
	G 1	41		100	20		46			nickel plated	39KLIW33MPN	
	G 1 1/4	50		105	22		46			blank	39KLIW42MPX	
	G 1 1/4	50		105	22		46			nickel plated	39KLIW42MPN	
 Hose Barb	19 mm	41		115	36		46			blank	39KLTF19MPX	
	19 mm	41		115	36		46			nickel plated	39KLTF19MPN	
	25 mm	41		125	48		46			blank	39KLTF25MPX	
	25 mm	41		125	48		46			nickel plated	39KLTF25MPN	



Plugs – flat-sealing

Series 39KL

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number	
 Male Thread	G 3/4	41		92	16					blank	39SLAW26MPX	
	G 3/4	41		92	16					nickel plated	39SLAW26MPN	
	G 1	41		95	19					blank	39SLAW33MPX	
	G 1	41		95	19					nickel plated	39SLAW33MPN	
	G 1 1/4	41		95	19					blank	39SLAW42MPX	
	G 1 1/4	41		95	19					nickel plated	39SLAW42MPN	
 Female Thread	G 3/4	41		96	16					blank	39SLIW26MPX	
	G 3/4	41		96	16					nickel plated	39SLIW26MPN	
	G 1	41		97	24					blank	39SLIW33MPX	
	G 1	41		97	24					nickel plated	39SLIW33MPN	
	G 1 1/4	50		102	26					blank	39SLIW42MPX	
	G 1 1/4	50		102	26					nickel plated	39SLIW42MPN	
 Hose Barb	19 mm	41		114	36					blank	39SLTF19MPX	
	19 mm	41		114	36					nickel plated	39SLTF19MPN	
	25 mm	41		124	48					blank	39SLTF25MPX	
	25 mm	41		124	48					nickel plated	39SLTF25MPN	

**Technical Description**

Coupling series in sizes 1/8" to 1" with plug profile compliant with ISO 7241-1 series B. Particularly suited to use with liquid media.

Coupling system with two-hand operation, i.e. both hands are required when coupling/uncoupling. The coupling series stands out for its high flow rates against a low pressure drop.

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****

see chart

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

Other designs in series 70

The following other designs can be found from page:

- ▶ Stainless Steel P. 224
- ▶ Thermoplastic P. 246

Material

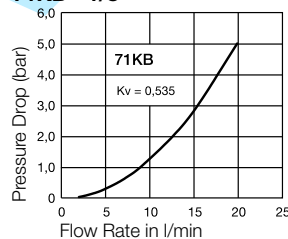
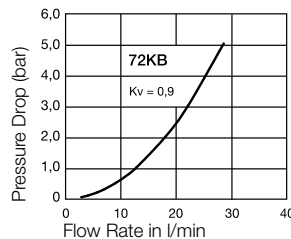
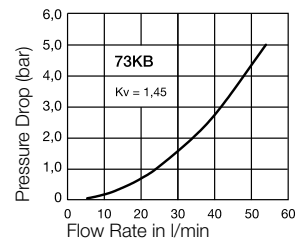
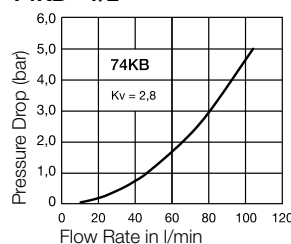
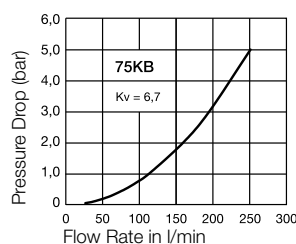
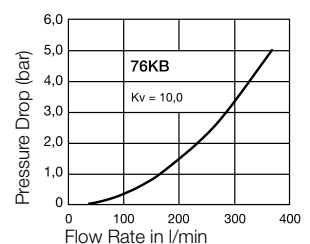
Coupling: Brass

Plug: Brass

Seals: NBR

Interchangeability

- ISO 7241-1 Series B

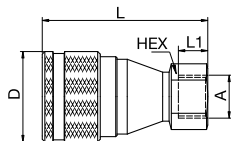
Flow diagrams Water**71KB - 1/8"****72KB - 1/4"****73KB - 3/8"****74KB - 1/2"****75KB - 3/4"****76KB - 1"**



Couplings – with valve

Series 70KB

Size	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	D mm	Version	Working Pressure max. / bar	Part Number
1/8"	G 1/8	14		48,5	7	25	blank	250	71KBIW10MPX
1/8"	G 1/8	14		48,5	7	25	nickel plated	250	71KBIW10MPN
1/4"	G 1/4	19		57,5	10	25	blank	200	72KBIW13MPX
1/4"	G 1/4	19		57,5	10	25	nickel plated	200	72KBIW13MPN
3/8"	G 3/8	22		64	11,5	35	blank	200	73KBIW17MPX
3/8"	G 3/8	22		64	11,5	35	nickel plated	200	73KBIW17MPN
1/2"	G 1/2	27		76	16	44,5	blank	150	74KBIW21MPX
1/2"	G 1/2	27		76	16	44,5	nickel plated	150	74KBIW21MPN
3/4"	G 3/4	34		96	24	55	blank	100	75KBIW26MPX
3/4"	G 3/4	34		96	24	55	nickel plated	100	75KBIW26MPN
1"	G 1	41		105,5	24	62	blank	100	76KBIW33MPX
1"	G 1	41		105,5	24	62	nickel plated	100	76KBIW33MPN



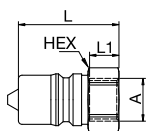
Female Thread



Plugs – with valve

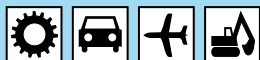
Series 70KB

Size	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	D mm	Version	Working Pressure max. / bar	Part Number
1/8"	G 1/8	14		29,5	7		blank	250	71SBIW10MPX
1/8"	G 1/8	14		29,5	7		nickel plated	250	71SBIW10MPN
1/4"	G 1/4	19		35	10		blank	200	72SBIW13MPX
1/4"	G 1/4	19		35	10		nickel plated	200	72SBIW13MPN
3/8"	G 3/8	22		39	11,5		blank	200	73SBIW17MPX
3/8"	G 3/8	22		39	11,5		nickel plated	200	73SBIW17MPN
1/2"	G 1/2	27		48	16		blank	150	74SBIW21MPX
1/2"	G 1/2	27		48	16		nickel plated	150	74SBIW21MPN
3/4"	G 3/4	36		60	24		blank	100	75SBIW26MPX
3/4"	G 3/4	36		60	24		nickel plated	100	75SBIW26MPN
1"	G 1	41		65	24		blank	100	76SBIW33MPX
1"	G 1	41		65	24		nickel plated	100	76SBIW33MPN



Female Thread

Nominal Diameter

22 = 380 mm²

Tema Series

2100**Technical Description**

Series 2100 is used mainly in the area of compressed air. The system is particularly suited to large pneumatic plants and compressed air tools with a very high flow. This series has a special safety function, which requires a turn and push/pull movement during connection and disconnection. It also has an automatic pressure release function, which facilitates easy handling. A coupling system with very high flow rates, robust design, high corrosion resistance and a safety function.

Dust Protections  (P. 319)
for Coupling Part.-No. 10026
for Plug Part.-No. 5026-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****

20 bar

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

Material

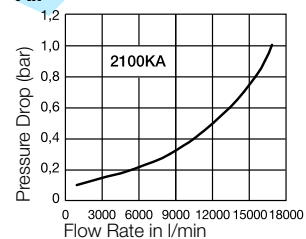
Coupling: Brass / Steel hardened, zinc plated and passivated

Plug: Steel hardened, zinc plated and passivated

Seals: NBR

Interchangeability

- Tema Design

Flow diagrams**Air**



Couplings – with valve

Series 2100KA

	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	41		82	14		48				2100KAIW33MPX





Plugs – without valve

Series 2100KA

	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	36		57	14						2100SFAW33SXZ
<p>Hose Barb</p>	19 mm			74	36						2100SFTF19SXZ
	25 mm			40	36						2100SFTF25SXZ
	32 mm			42	43						2100SFTF32SXZ

KONVEN

Cross-Reference-List

Connection	Thread	Rectus Part Number old	Tema Part Number old	Part Number new	Page
 Couplings – with valve					
Female Thread	G 1		2100	2100KAIW33MPX	177
 Plugs – without valve					
Male Thread	G 1		21210	2100SFAW33SXZ	177
					177
Hose Barb	19 mm		21019-QC	2100SFTF19SXZ	177
	25 mm		21025	2100SFTF25SXZ	177
	32 mm		21032-QC	2100SFTF32SXZ	177

KOVARZ S.r.l.