



Nominal Diameter

1,5 = 1,8 mm²

RECTUS Series

02KA

actual size

**Technical Description**

Smallest mini industrial coupling, suitable for air and gas applications. Primarily in medicine, didactics and model building. Specific application for liquids due to size.

Advantages

Single handed operation.
Extremely small dimensions.

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor 4 to 1.

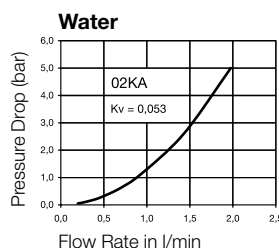
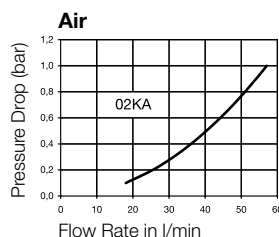
Interchangeability

RECTUS Design

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Chart**Material****Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR

Plug

Plug

Brass

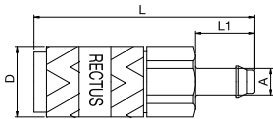
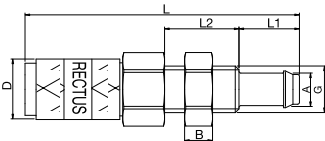
Brass, Nickel Plated

Couplings**RECTUS Series 02KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	M 3	6	19	6,5	3					Standard	02KA AM03 MPX
										Nickel Plated	02KA AM03MPN
 Female Thread	M 3	6	19	6,5	3					Standard	02KA IM03 MPX
										Nickel Plated	02KA IM03 MPN

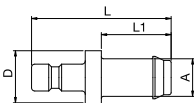
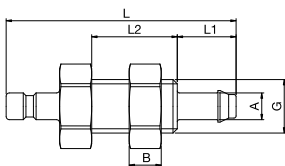
Couplings

RECTUS Series 02KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	2 mm	6	21	6,5	5,5					Standard	02KA TF02 MPX
										Nickel Plated	02KA TF02 MPN
	3 mm	6	22	6,5	6,5					Standard	02KA TF03 MPX
										Nickel Plated	02KA TF03 MPN
 Panel Mount, Hose Barb	2 mm	7	29	6,5	5,5	8	7	3	M 5	Standard	02KA TS02 MPX
										Nickel Plated	02KA TS02 MPN
	3 mm	7	30	6,5	6,5	8	7	3	M 5	Standard	02KA TS03 MPX
										Nickel Plated	02KA TS03 MPN

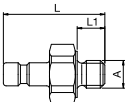
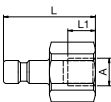
Plugs

RECTUS Series 02KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	2 mm		12	4	5,5					Standard	02SF TF02 MXX
										Nickel Plated	02SF TF02 MXN
	3 mm		13	5	6,5					Standard	02SF TF03 MXX
 Panel Mount, Hose Barb	2 mm	7	22		5,5	8	7	3	M 5	Standard	02SF TS02 MXX
										Nickel Plated	02SF TS02 MXN
	3 mm	7	23		6,5	8	7	3	M5	Standard	02SF TS03 MXX
										Nickel Plated	02SF TS03 MXN

Plugs

RECTUS Series 02KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	M 3	6	11		3					Standard	02SF AM03 MXX
										Nickel Plated	02SF AM03 MXN
 Female Thread	M 3	6	10		3					Standard	02SF IM03 MXX
										Nickel Plated	02SF IM03 MXN



Nominal Diameter

2,5 = 5 mm²

RECTUS Series

50KA


actual size

**Technical Description**

Mini industrial coupling, can be used with various media. Extremely easy to operate.

Advantages

Single handed operation.
Small installation dimensions.

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

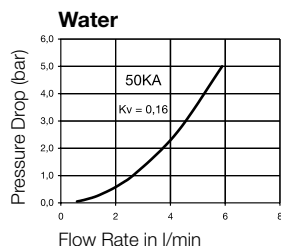
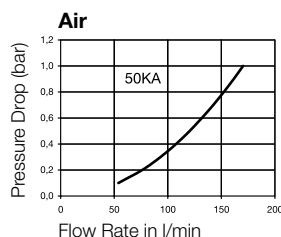
Interchangeability

WALTHER LP002

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Chart**Material****Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

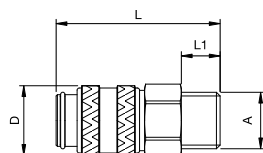
Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR

Plug

Plug

Brass

Brass, Nickel Plated

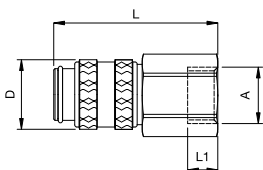
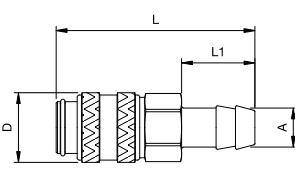
Couplings**RECTUS Series 50KA**

Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/8	14	36	16	7					Standard	50KA AW10 MPXS
									Nickel Plated	50KA AW10 MPNS
G 1/4	17	38	16	9					Standard	50KA AW13 MPXS
									Nickel Plated	50KA AW13 MPNS

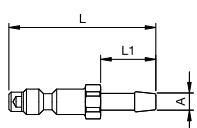
Couplings

RECTUS Series 50KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Female Thread	G 1/8	14	36	16	9					Standard	50KA IW10 MPXS
										Nickel Plated	50KA IW10 MPNS
	G 1/4	17	38	16	9					Standard	50KA IW13 MPXS
										Nickel Plated	50KA IW13 MPNS
 Hose Barb	4 mm	14	46	16	17					Standard	50KA TF04 MPXS
										Nickel Plated	50KA TF04 MPNS
	6 mm	14	46	16	17					Standard	50KA TF06 MPXS
										Nickel Plated	50KA TF06 MPNS
	9 mm	14	46	16	17					Standard	50KA TF09 MPXS
										Nickel Plated	50KA TF09 MPNS
	10 mm	14	46	16	17					Standard	50KA TF10 MPXS
										Nickel Plated	50KA TF10 MPNS

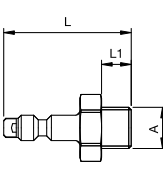
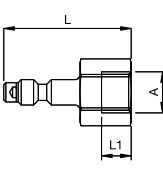
Plugs

RECTUS Series 50KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	4 mm	7	35		13					Standard	50SF TF04 MXX
										Nickel Plated	50SF TF04 MXN
	6 mm	7	35		13					Standard	50SF TF06 MXX
										Nickel Plated	50SF TF06 MXN

Plugs

RECTUS Series 50KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 1/8	14	30		7					Standard	50SF AW10 MXX
										Nickel Plated	50SF AW10 MXN
 Female Thread	G 1/8	14	30		7					Standard	50SF IW10 MXX
										Nickel Plated	50SF IW10 MXN



Nominal Diameter

2,7 = 6 mm²

RECTUS Series

20KA



actual size

**Technical Description**

Mini industrial coupling, internationally used profile. Notable for a high flow and numerous application options with various media. Frequent use in mini-pneumatics, medical technology and chemistry/pharmacy.

Advantages

Single handed operation.
Small dimensions.

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

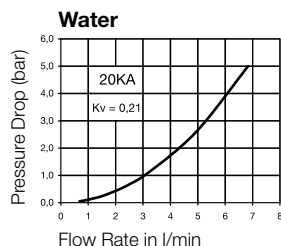
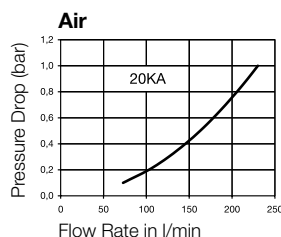
Interchangeability

RECTUS 91
WALTHER 06-003

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Chart

You will find the following alternative versions in our current catalogue on page:

- Brass/Steel Double Shut-off P. 120
- Stainless Steel P. 182

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR

Plug

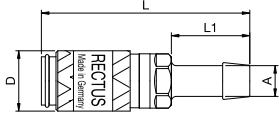
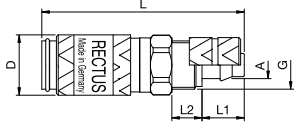
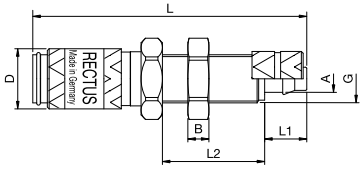
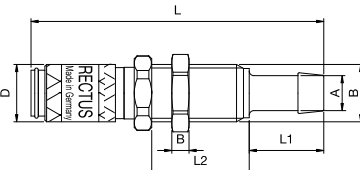
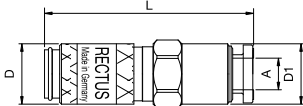
Plug

Brass

Brass, Nickel Plated

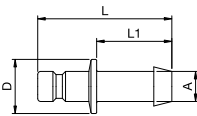
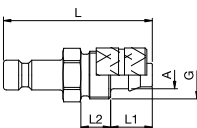
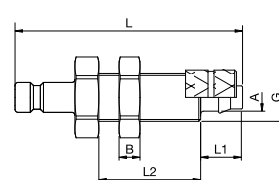
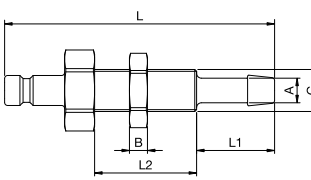
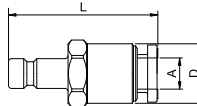
Couplings**RECTUS Series 20KA**

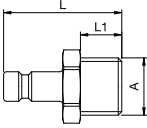
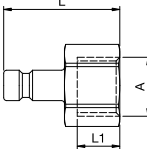
	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
Male Thread	M 5	9	26	10	5					Standard	20KA AM05 MPX
										Nickel Plated	20KA AM05 MPN
	G 1/8	11	28	10	7					Standard	20KA AW10 MPX
										Nickel Plated	20KA AW10 MPN
Female Thread	M 5	9	26	10	5					Standard	20KA IM05 MPX
										Nickel Plated	20KA IM05 MPN
	G 1/8	12	28	10	7					Standard	20KA IW10 MPX
										Nickel Plated	20KA IW10 MPN

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	3 mm		35	10	13					Standard	20KA TF03 MPX	
										Nickel Plated	20KA TF03 MPN	
	4 mm		35	10	13					Standard	20KA TF04 MPX	
										Nickel Plated	20KA TF04 MPN	
	5 mm		34	10	13					Standard	20KA TF05 MPX	
										Nickel Plated	20KA TF05 MPN	
 Plastic Hose Connection	3 x 4 mm	9	34	10	7	5			M 7 x 0,5	Standard	20KA KO04 MPX	
										Nickel Plated	20KA KO04 MPN	
	3 x 5 mm	9	34	10	7	5			M 7 x 0,5	Standard	20KA KO05 MPX	
										Nickel Plated	20KA KO05 MPN	
	4 x 6 mm	9	34	10	7	5			M 8 x 0,5	Standard	20KA KO06 MPX	
										Nickel Plated	20KA KO06 MPN	
 Panel Mount, Plastic Hose Connection	3 x 4 mm	12	45	10	7	17	11	3	M 7 x 0,5	Standard	20KA KS04 MPX	
										Nickel Plated	20KA KS04 MPN	
	3 x 5 mm	12	45	10	7	17	11	3	M 7 x 0,5	Standard	20KA KS05 MPX	
										Nickel Plated	20KA KS05 MPN	
	4 x 6 mm	12	45	10	7	12	11	3	M 8 x 0,5	Standard	20KA KS06 MPX	
										Nickel Plated	20KA KS06 MPN	
 Panel Mount, Hose Barb	3 mm	12	51	10	13	17	11	3	M 7 x 0,5	Standard	20KA TS03 MPX	
										Nickel Plated	20KA TS03 MPN	
	4 mm	12	51	10	13	17	11	3	M 7 x 0,5	Standard	20KA TS04 MPX	
										Nickel Plated	20KA TS04 MPN	
	6 mm	12	51	10	13	17	12	3	M 10 x 1	Standard	20KA TS06 MPX	
										Nickel Plated	20KA TS06 MPN	
 Push-In	4 mm	10	35	10						Standard	20KA RP04 MPN	

Plugs

RECTUS Series 20KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	3 mm		24	7	13					Standard	20SF TF03 MXX	
										Nickel Plated	20SF TF03 MXN	
	4 mm		24	7	13					Standard	20SF TF04 MXX	
										Nickel Plated	20SF TF04 MXN	
 Plastic Hose Connection	3 x 4 mm	7	25		7	5			M 7 x 0,5	Standard	20SF KO04 MXX	
										Nickel Plated	20SF KO04 MXN	
	3 x 5 mm	7	25		7	5			M 7 x 0,5	Standard	20SF KO05 MXX	
										Nickel Plated	20SF KO05 MXN	
 Panel Mount, Plastic Hose Connection	3 x 4 mm	11	38		7	17	11	3	M 7 x 0,5	Standard	20SF KS04 MXX	
										Nickel Plated	20SF KS04 MXN	
	3 x 5 mm	11	38		7	17	11	3	M 7 x 0,5	Standard	20SF KS05 MXX	
										Nickel Plated	20SF KS05 MXN	
 Panel Mount, Hose Barb	3 mm	12	45		13	18	11	3,5	M 7 x 0,5	Standard	20SF TS03 MXX	
										Nickel Plated	20SF TS03 MXN	
	4 mm	12	45		13	17	11	3	M 7 x 0,5	Standard	20SF TS04 MXX	
										Nickel Plated	20SF TS04 MXN	
 Push-In	4 mm	10	35	10						Nickel Plated	20SF RP04 MPN	

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Male Thread	M 5	7	18		5					Standard	20SF AM05 MXX	
										Nickel Plated	20SF AM05 MXN	
	G 1/8	11	20		7					Standard	20SF AW10 MXX	
										Nickel Plated	20SF AW10 MXN	
 Female Thread	M 5	7	17		5					Standard	20SF IM05 MXX	
										Nickel Plated	20SF IM05 MXN	
	G 1/8	12	19		7					Standard	20SF IW10 MXX	
										Nickel Plated	20SF IW10 MXN	



Nominal Diameter

2,7 = 6 mm²

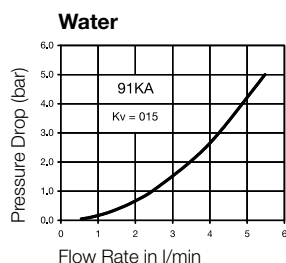
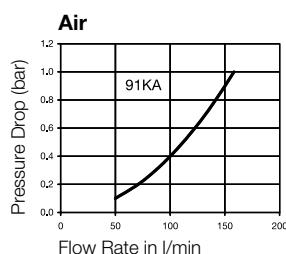
RECTUS Series

91KA


actual size

**Technical Description**

The 91 series is a variation of the 20 series couplings. The valve has been shortened in respect that the plug seals before the coupling valve opens. In spite of the short valve the well-proven single hand operation is retained, as the ball-lock is replaced by a pin-lock. This extends the external diameter of the sleeve from 10 to 13 mm.

Chart**Advantages**

Single handed operation. No loss through leakage during coupling.

Interchangeability

RECTUS 20
WALTHER 06-003

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Pins
Seals

Standard

Brass
Brass
Brass
Brass
AISI 303
AISI 420
NBR

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR

Plug

Plug

Brass

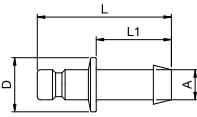
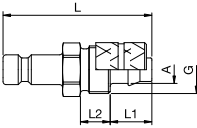
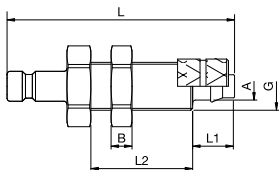
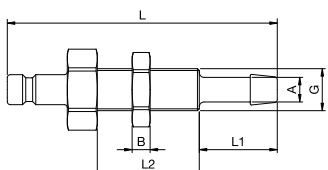
Brass, Nickel Plated

Couplings**RECTUS Series 91KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
Male Thread	M 5	9	26	13	5					Standard	91KA AM05 MPX
										Nickel Plated	91KA AM05 MPN
	G 1/8	11	28	13	7					Standard	91KA AW10 MPX
										Nickel Plated	91KA AW10 MPN
Female Thread	M 5	9	25	13	5					Standard	91KA IM05 MPX
										Nickel Plated	91KA IM05 MPN
	G 1/8	12	28	13	7					Standard	91KA IW10 MPX
										Nickel Plated	91KA IW10 MPN
Hose Barb	4 mm		35	13	13					Standard	91KA TF04 MPX
										Nickel Plated	91KA TF04 MPN

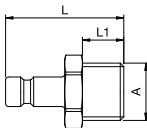
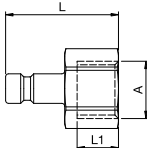
Plugs

RECTUS Series 91KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	3 mm		24	7	13					Standard	20SF TF03 MXX
										Nickel Plated	20SF TF03 MXN
	4 mm		24	7	13					Standard	20SF TF04 MXX
										Nickel Plated	20SF TF04 MXN
	5 mm		22	9	13					Standard	20SF TF05 MXX
										Nickel Plated	20SF TF05 MXN
 Plastic Hose Connection	3 x 4 mm	7	25		7	5			M 7 x 0,5	Standard	20SF KO04 MXX
										Nickel Plated	20SF KO04 MXN
	3 x 5 mm	7	25		7	5			M 7 x 0,5	Standard	20SF KO05 MXX
										Nickel Plated	20SF KO05 MXN
	4 x 6 mm	8	25		7	5			M 8 x 0,5	Standard	20SF KO06 MXX
										Nickel Plated	20SF KO06 MXN
 Panel Mount Plastic Hose Connection	3 x 4 mm	11	38		7	17	11	3	M 7 x 0,5	Standard	20SF KS04 MXX
										Nickel Plated	20SF KS04 MXN
	3 x 5 mm	11	38		7	17	11	3	M 7 x 0,5	Standard	20SF KS05 MXX
										Nickel Plated	20SF KS05 MXN
	4 x 6 mm	12	38		7	17	12	3	M 8 x 0,5	Standard	20SF KS06 MXX
										Nickel Plated	20SF KS06 MXN
 Panel Mount, Hose Barb	3 mm	12	45		13	18	11	4	M 7 x 0,5	Standard	20SF TS03 MXX
										Nickel Plated	20SF TS03 MXN
	4 mm	12	45		13	17	11	3	M 7 x 0,5	Standard	20SF TS04 MXX
										Nickel Plated	20SF TS04 MXN

Plugs

RECTUS Series 20SF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	M 5	7	18		5					Standard	20SF AM05 MXX
										Nickel Plated	20SF AM05 MXN
	G 1/8	11	20		7					Standard	20SF AW10 MXX
										Nickel Plated	20SF AW10 MXN
 Female Thread	M 5	7	17		5					Standard	20SF IM05 MXX
										Nickel Plated	20SF IM05 MXN
	G 1/8	12	19		7					Standard	20SF IW10 MXX
										Nickel Plated	20SF IW10 MXN



Nominal Diameter

5 = 20 mm²

RECTUS Series

17KA

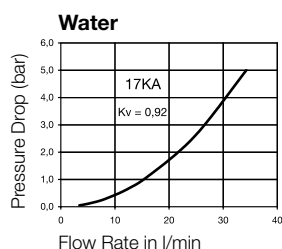
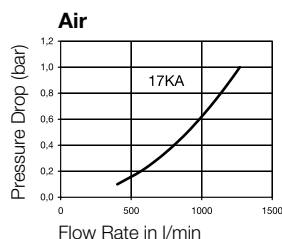

actual size



Technical Description

English profile industrial coupling with UltraFlo technology, giving high flow performance. Specially suited to compressed air applications. Brass/steel design developed for industry. Compact dimensions and single handed operation make it suitable for numerous applications.

Chart



Advantages

Single handed operation. Small dimensions, light weight. High flow valve.

Interchangeability

SCHRADER NW 5

Material

Coupling

Back Body
Valve Body
Sleeve
Valve
Inner Sleeve
Spring Plate
Spring and Locking Ring
Locking Balls
Seals

Plug

Plug

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

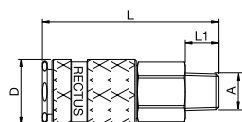
Standard

Brass, Nickel Plated
Steel Hardened and Nickel Plated
Steel Hardened and Nickel Plated
Brass
Brass
Brass
AISI 303
AISI 420
NBR

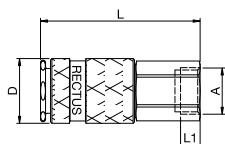
Steel Hardened, Nickel Plated

Couplings

RECTUS Series 17KA



Male Thread

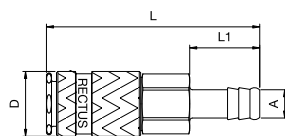


Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/4	19	63	23	12					Standard	17KA AK13 SPN
R 3/8	19	62	23	12					Standard	17KA AK17 SPN
R 1/2	22	63	23	17					Standard	17KA AK21 SPN
G 1/4	19	58	23	9					Standard	17KA IW13 SPN
G 3/8	19	57	23	9					Standard	17KA IW17 SPN
G 1/2	24	60	23	12					Standard	17KA IW21 SPN

Couplings

RECTUS Series 17KA

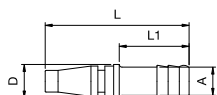


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm	19	76	23	25					Standard	17KA TF06 SPN
8 mm	19	76	23	25					Standard	17KA TF08 SPN
10 mm	19	76	23	25					Standard	17KA TF10 SPN
13 mm	19	76	23	25					Standard	17KA TF13 SPN

Plugs

RECTUS Series 17KA

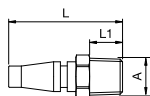


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm		58	12	25					Standard	17SF TF06 SXN
8 mm		52	12	25					Standard	17SF TF08 SXN
10 mm		52	12	25					Standard	17SF TF10 SXN

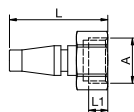
Plugs

RECTUS Series 17KA



Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/8	11	37		9					Standard	17SF AK10 SXN
R 1/4	14	42		12					Standard	17SF AK13 SXN



Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/8	14	33		7					Standard	17SF IW10 SXN
G 1/4	17	36		9					Standard	17SF IW13 SXN



Nominal Diameter

5 = 20 mm²



RECTUS Series

21KA

actual size



Technical Description

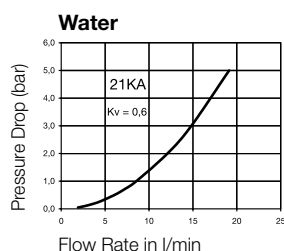
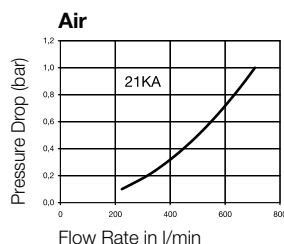
Mini industrial coupling, the world's most commonly used profile. Above average flow performance for liquid and gaseous media. Large band width in materials and valve variants.

Dust Caps (P. 331)

for coupling Part.-No. SK16S



Chart



Advantages

Single handed operation.
Small dimensions. All versions interchangeable.

Interchangeability

RECTUS 90
CAMOZZI
EWO
KANI

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to + 200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below -20°C and above + 100°C special seals are available on request.

Material

Coupling

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR

Plug

Plug

Brass

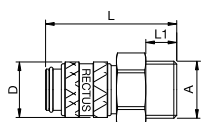
Brass, Nickel Plated

You will find the following alternative versions in our current catalogue on page:

- Brass/Steel Double Shut-off P. 125
- Stainless Steel P. 185
- Thermoplastics P. 242
- Safety P. 266
- Coded Systems S. 300

Couplings

RECTUS Series 21KA



Male Thread

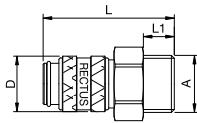
Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 mm	B mm	G mm	Version	Part Number
G 1/8	14	36	16	7					Standard	21KA AW10 MPX
									Nickel Plated	21KA AW10 MPN
G 1/4	17	38	16	9					Standard	21KA AW13 MPX
									Nickel Plated	21KA AW13 MPN
G 3/8	19	38	16	9					Standard	21KA AW17 MPX
									Nickel Plated	21KA AW17 MPN
M 12 x 1,5	17	39	16	10					Standard	21KA AD12 MPX
									Nickel Plated	21KA AD12 MPN

Couplings

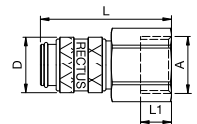
RECTUS Series 21KA

Brass/Steel

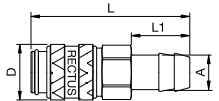
Low Pressure



Male Thread



Female Thread

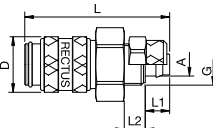
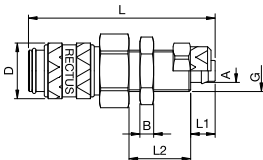
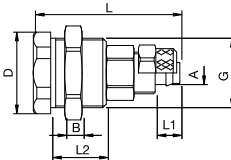
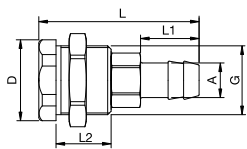
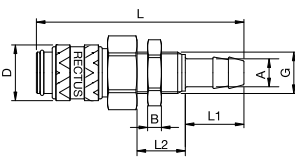


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
M 14 x 1,5	17	39	16	10					Standard	21KA AD14 MPX
									Nickel Plated	21KA AD14 MPN
G 1/8	14	36	16	9					Standard	21KA IW10 MPX
									Nickel Plated	21KA IW10 MPN
G 1/4	17	38	16	9					Standard	21KA IW13 MPX
									Nickel Plated	21KA IW13 MPN
G 3/8	19	38	16	9					Standard	21KA IW17 MPX
									Nickel Plated	21KA IW17 MPN
M 12 x 1,5	17	38	16	6					Standard	21KA IM12 MPX
									Nickel Plated	21KA IM12 MPN
M 14 x 1,5	17	38	16	6					Standard	21KA IM14 MPX
									Nickel Plated	21KA IM14 MPN
4 mm	14	46	16	17					Standard	21KA TF04 MPX
									Nickel Plated	21KA TF04 MPN
6 mm	14	46	16	17					Standard	21KA TF06 MPX
									Nickel Plated	21KA TF06 MPN
8 mm	14	46	16	17					Standard	21KA TF08 MPX
									Nickel Plated	21KA TF08 MPN
9 mm	14	46	16	17					Standard	21KA TF09 MPX
									Nickel Plated	21KA TF09 MPN
10 mm	14	46	16	17					Standard	21KA TF10 MPX
									Nickel Plated	21KA TF10 MPN
6 mm Parker	14	50	16	20					Standard	21KA TP06 MPX
									Nickel Plated	21KA TP06 MPN

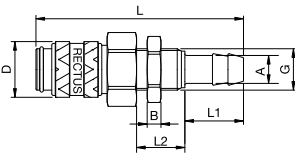
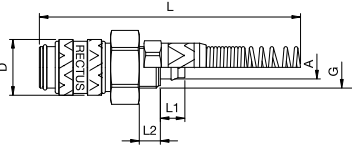
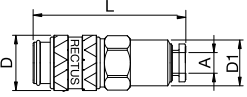
Couplings

RECTUS Series 21KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Plastic Hose Connection	4 x 6 mm	14	42	16	7	6			M 10 x 1	Standard	21KA KO06 MPX
										Nickel Plated	21KA KO06 MPN
	6 x 8 mm	14	42	16	7	6			M 12 x 1	Standard	21KA KO08 MPX
										Nickel Plated	21KA KO08 MPN
 Panel Mount, Plastic Hose Connection	4 x 6 mm	14	54	16	7	18	12	3	M 10 x 1	Standard	21KA KS06 MPX
										Nickel Plated	21KA KS06 MPN
	6 x 8 mm	17	54	16	7	18	17	4	M 12 x 1	Standard	21KA KS08 MPX
										Nickel Plated	21KA KS08 MPN
 Front Panel Installation, Plastic Hose Panel Mount	4 x 6 mm	22	42	24	7	16	24	5	M 20 x 1	Standard	21KA KE06 MPX
										Nickel Plated	21KA KE06 MPN
	6 x 8 mm	22	42	24	7	16	24	5	M 20 x 1	Standard	21KA KE08 MPX
										Nickel Plated	21KA KE08 MPN
 Front Panel Installation, Hose Barb Panel Mount	4 mm	22	46	24	17	16	24	5	M 20 x 1	Standard	21KA TE04 MPX
										Nickel Plated	21KA TE04 MPN
	6 mm	22	46	24	17	16	24	5	M 20 x 1	Standard	21KA TE06 MPX
										Nickel Plated	21KA TE06 MPN
	8 mm	22	46	24	17	16	24	5	M 20 x 1	Standard	21KA TE08 MPX
										Nickel Plated	21KA TE08 MPN
	9 mm	22	46	24	17	16	24	5	M 20 x 1	Standard	21KA TE09 MPX
										Nickel Plated	21KA TE09 MPN
	10 mm	22	46	24	17	16	24	5	M 20 x 1	Standard	21KA TE10 MPX
										Nickel Plated	21KA TE10 MPN
 Panel Mount, Hose Barb	4 mm	12	60	16	17	14	12	4	M 10 x 1	Standard	21KA TS04 MPX
										Nickel Plated	21KA TS04 MPN
	5 mm	17	60	16	17	14	17	4	M 12 x 1	Standard	21KA TS05 MPX
										Nickel Plated	21KA TS05 MPN
	6 mm	17	60	16	17	14	17	4	M 12 x 1	Standard	21KA TS06 MPX
										Nickel Plated	21KA TS06 MPN
	8 mm	17	60	16	17	14	17	4	M 12 x 1	Standard	21KA TS08 MPX
										Nickel Plated	21KA TS08 MPN

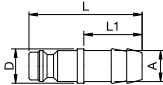
Couplings

RECTUS Series 21KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Panel Mount, Hose Barb	9 mm	17	60	16	17	14	19	4	M 12 x 1	Standard	21KA TS09 MPX
										Nickel Plated	21KA TS09 MPN
	10 mm	17	60	16	17	14	19	4	M 14 x 1	Standard	21KA TS10 MPX
										Nickel Plated	21KA TS10 MPN
	4 x 6 mm	14	125	16	7	6			M 10 x 1	Standard	21KA KK06 MPX
										Nickel Plated	21KA KK06 MPN
 Plastic Hose Connection with Spring Guard	6 x 8 mm	14	130	16	7	6			M 10 x 1	Standard	21KA KK08 MPX
										Nickel Plated	21KA KK08 MPN
	6 mm	14	43,5	16,15						Nickel Plated	21KA RP06 MPN
	8 mm	17	48	16,15						Nickel Plated	21KA RP08 MPN
 Push-In											

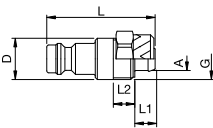
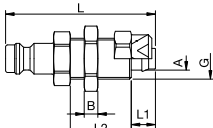
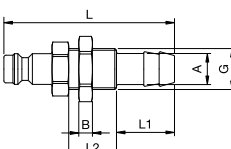
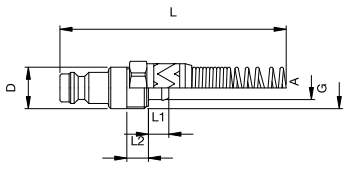
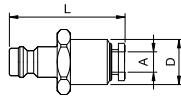
Plugs

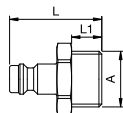
RECTUS Series 21KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	4 mm		32	9	17					Standard	21SF TF04 MXX
										Nickel Plated	21SF TF04 MXN
	5 mm		32	9	17					Standard	21SF TF05 MXX
										Nickel Plated	21SF TF05 MXN
	6 mm		32	9	17					Standard	21SF TF06 MXX
										Nickel Plated	21SF TF06 MXN
	8 mm		32	9	17					Standard	21SF TF08 MXX
										Nickel Plated	21SF TF08 MXN
	9 mm		33	10	17					Standard	21SF TF09 MXX
										Nickel Plated	21SF TF09 MXN
	10 mm		33	12	17					Standard	21SF TF10 MXX
										Nickel Plated	21SF TF10 MXN
	6 mm Parker		36	16	20					Standard	21SF TP06 MXX
										Nickel Plated	21SF TP06 MXN

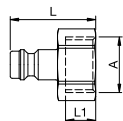
Plugs

RECTUS Series 21KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Plastic Hose Connection	4 x 6 mm		32	10	6	6			M 10 x 1	Standard	21SF KO06 MXX
										Nickel Plated	21SF KO06 MXN
	6 x 8 mm		32	12	6	6			M 12 x 1	Standard	21SF KO08 MXX
										Nickel Plated	21SF KO08 MXN
	8 x 10 mm	17	36		9	8			M 16 x 1	Standard	21SF KO10 MXX
										Nickel Plated	21SF KO10 MXN
	8 x 12 mm	17	36		9	8			M 16 x 1	Standard	21SF KO12 MXXS
										Nickel Plated	21SF KO12 MXNS
 Panel Mount, Plastic Hose Connection	4 x 6 mm	14	43		7	18	12	3	M 10 x 1	Standard	21SF KS06 MXX
										Nickel Plated	21SF KS06 MXN
	6 x 8 mm	14	44		7	18	17	4	M 12 x 1	Standard	21SF KS08 MXX
										Nickel Plated	21SF KS08 MXN
 Panel Mount, Hose Barb	4 mm	14	50		17	14	14	4	M 10 x 1	Standard	21SF TS04 MXX
										Nickel Plated	21SF TS04 MXN
	5 mm	14	50		17	14	17	4	M 12 x 1	Standard	21SF TS05 MXX
										Nickel Plated	21SF TS05 MXN
	6 mm	14	50		17	14	17	4	M 12 x 1	Standard	21SF TS06 MXX
										Nickel Plated	21SF TS06 MXN
	8 mm	14	50		17	14	17	4	M 12 x 1	Standard	21SF TS08 MXX
										Nickel Plated	21SF TS08 MXN
	9 mm	14	50		17	14	17	4	M 12 x 1	Standard	21SF TS09 MXX
										Nickel Plated	21SF TS09 MXN
 Plastic Hose Connection with Spring Guard	4 x 6 mm		115		6	6			M 10 x 1	Standard	21SF KK06 MXX
										Nickel Plated	21SF KK06 MXN
	6 x 8 mm		120		6	6			M 12 x 1	Standard	21SF KK08 MXX
										Nickel Plated	21SF KK08 MXN
 Push-In	6 mm	14	32,8		13,2					Nickel Plated	21SF RP06 MPN
	8 mm	17	37		15,4					Nickel Plated	21SF RP08 MPN



Male Thread



Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/8	14	25		7					Standard	21SF AW10 MXX
									Nickel Plated	21SF AW10 MXN
G 1/4	17	28		9					Standard	21SF AW13 MXX
									Nickel Plated	21SF AW13 MXN
G 3/8	17	28		9					Standard	21SF AW17 MXX
									Nickel Plated	21SF AW17 MXN
M 10 x 1	14	26		8					Standard	21SF AD10 MXX
									Nickel Plated	21SF AD10 MXN
M 12 x 1,5	17	28		10					Standard	21SF AD12 MXX
									Nickel Plated	21SF AD12 MXN
M 14 x 1,5	17	28		10					Standard	21SF AD14 MXX
									Nickel Plated	21SF AD14 MXN
G 1/8	14	25		8					Standard	21SF IW10 MXX
									Nickel Plated	21SF IW10 MXN
G 1/4	17	25		9					Standard	21SF IW13 MXX
									Nickel Plated	21SF IW13 MXN
G 3/8	19	26		9					Standard	21SF IW17 MXX
									Nickel Plated	21SF IW17 MXN
M 10 x 1	14	26		9					Standard	21SF IM10 MXX
									Nickel Plated	21SF IM10 MXN
M 12 x 1,5	17	27		10					Standard	21SF IM12 MXX
									Nickel Plated	21SF IM12 MXN
M 14 x 1,5	17	27		10					Standard	21SF IM14 MXX
									Nickel Plated	21SF IM14 MXN



Nominal Diameter

5 = 20 mm²

RECTUS Series

90KA



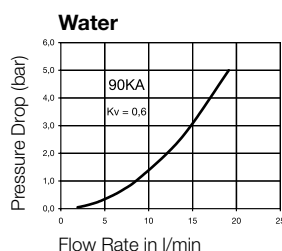
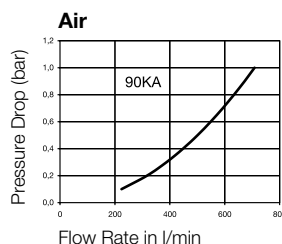
actual size



Technical Description

Small, splash-protected industrial coupling, specially developed for liquid media as the plug profile acts as a seal before the coupling valve is opened. Series 90 is a variant of series 21. Pin locking. Enlarged external sleeve diameter of 20 mm.

Chart



Advantages

Single handed operation. No loss through leakage during coupling.

Interchangeability

RECTUS 21
CAMOZZI
EWO
KANI

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to +316° (FFKM)
depending on the medium

*At a temperature below -20°C and above +100°C special seals are available on request.

Material

Coupling

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Pins
Seals

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR

Plug (21 Series)

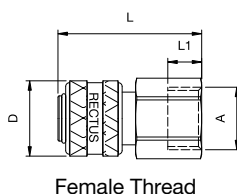
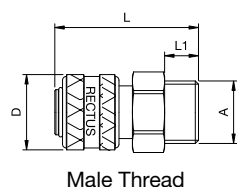
Plug

Brass

Brass, Nickel Plated

Couplings

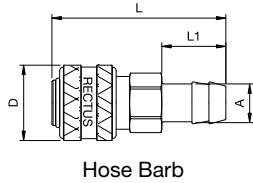
RECTUS Series 90KA



Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/8	14	36	20	7					Standard	90KA AW10 MPX
									Nickel Plated	90KA AW10 MPN
G 1/4	17	38	20	9					Standard	90KA AW13 MPX
									Nickel Plated	90KA AW13 MPN
G 3/8	19	39	20	9					Standard	90KA AW17 MPX
									Nickel Plated	90KA AW17 MPN
G 1/4	17	38	20	9					Standard	90KA IW13 MPX
									Nickel Plated	90KA IW13 MPN
G 3/8	19	38	20	9					Standard	90KA IW17 MPX
									Nickel Plated	90KA IW17 MPN

Couplings

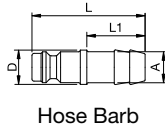
RECTUS Series 90KA



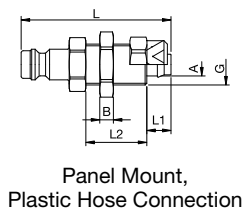
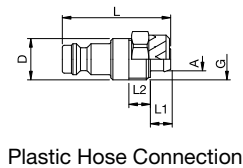
Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm	14	46	20	17					Standard	90KA TF06 MPX
									Nickel Plated	90KA TF06 MPN
8 mm	14	46	20	17					Standard	90KA TF08 MPX
									Nickel Plated	90KA TF08 MPN
9 mm	14	46	20	17					Standard	90KA TF09 MPX
									Nickel Plated	90KA TF09 MPN
10 mm	14	46	20	17					Standard	90KA TF10 MPX
									Nickel Plated	90KA TF10 MPN

Plugs

RECTUS Series 21SF

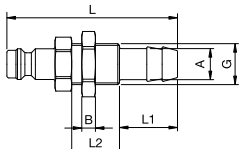
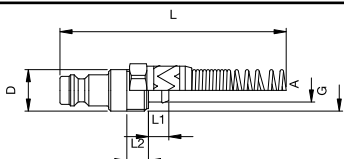


Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
4 mm		32	9	17					Standard	21SF TF04 MXX
									Nickel Plated	21SF TF04 MXN
5 mm		32	9	17					Standard	21SF TF05 MXX
									Nickel Plated	21SF TF05 MXN
6 mm		32	9	17					Standard	21SF TF06 MXX
									Nickel Plated	21SF TF06 MXN
8 mm		32	9	17					Standard	21SF TF08 MXX
									Nickel Plated	21SF TF08 MXN
9 mm		33	10	17					Standard	21SF TF09 MXX
									Nickel Plated	21SF TF09 MXN
10 mm		33	12	17					Standard	21SF TF10 MXX
									Nickel Plated	21SF TF10 MXN
4 x 6 mm		32	10	6	6			M 10 x 1	Standard	21SF KO06 MXX
									Nickel Plated	21SF KO06 MXN
6 x 8 mm		32	12	6	6			M 12 x 1	Standard	21SF KO08 MXX
									Nickel Plated	21SF KO08 MXN
8 x 10 mm	17	36		9	8			M 16 x 1	Standard	21SF KO10 MXX
									Nickel Plated	21SF KO10 MXN
8 x 12 mm	17	36		9	8			M 16 x 1	Standard	21SF KO12 MXXS
									Nickel Plated	21SF KO12 MXNS
4 x 6 mm	14	43		7	18	12	3	M 10 x 1	Standard	21SF KS06 MXX
									Nickel Plated	21SF KS06 MXN
4 x 6 mm	14	44		7	18	17	4	M 12 x 1	Standard	21SF KS08 MXX
									Nickel Plated	21SF KS08 MXN



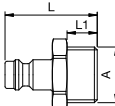
Plugs

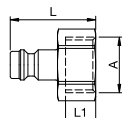
RECTUS Series 21SF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW	B mm	G mm	Version	Part Number	
 Panel Mount Hose Barb	4 mm	14	50		17	14	14	4	M 10 x 1	Standard	21SF TS04 MXX	
										Nickel Plated	21SF TS04 MXN	
	5 mm	14	50		17	14	17	4	M 12 x 1	Standard	21SF TS05 MXX	
										Nickel Plated	21SF TS05 MXN	
	6 mm	14	50		17	14	17	4	M 12 x 1	Standard	21SF TS06 MXX	
										Nickel Plated	21SF TS06 MXN	
	8 mm	14	50		17	14	17	4	M 12 x 1	Standard	21SF TS08 MXX	
										Nickel Plated	21SF TS08 MXN	
	9 mm	14	50		17	14	17	4	M 12 x 1	Standard	21SF TS09 MXX	
										Nickel Plated	21SF TS09 MXN	
	10 mm	17	50		17	14	19	4	M 14 x 1	Standard	21SF TS10 MXX	
										Nickel Plated	21SF TS10 MXN	
 Plastic Hose Connection with Spring Guard	4 x 6 mm		115		6	6			M 10 x 1	Standard	21SF KK06 MXX	
										Nickel Plated	21SF KK06 MXN	
	6 x 8 mm		120		6	6			M 12 x 1	Standard	21SF KK08 MXX	
										Nickel Plated	21SF KK08 MXN	

Plugs

RECTUS Series 21SF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW	B mm	G mm	Version	Part Number	
 Male Thread	G 1/8	14	25		7					Standard	21SF AW10 MXX	
										Nickel Plated	21SF AW10 MXN	
	G 1/4	17	28		9					Standard	21SF AW13 MXX	
										Nickel Plated	21SF AW13 MXN	
	G 3/8	19	28		9					Standard	21SF AW17 MXX	
										Nickel Plated	21SF AW17 MXN	
	M 10 x 1	14	26	8						Standard	21SF AD10 MXX	
										Nickel Plated	21SF AD10 MXN	
	M 12 x 1,5	17	28	10						Standard	21SF AD12 MXX	
										Nickel Plated	21SF AD12 MXN	
	M 14 x 1,5	19	28	10						Standard	21SF AD14 MXX	
										Nickel Plated	21SF AD14 MXN	



Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/8	14	25		8					Standard	21SF IW10 MXX
									Nickel Plated	21SF IW10 MXN
G 1/4	17	25		9					Standard	21SF IW13 MXX
									Nickel Plated	21SF IW13 MXN
G 3/8	19	26		9					Standard	21SF IW17 MXX
									Nickel Plated	21SF IW17MXN
M 10 x 1	14	26		9					Standard	21SF IM10 MXX
									Nickel Plated	21SF IM10 MXN
M 12 x 1,5	17	27		10					Standard	21SF IM12 MXX
									Nickel Plated	21SF IM12 MXN
M 14 x 1,5	17	27		10					Standard	21SF IM14 MXX
									Nickel Plated	21SF IM14 MXN



Nominal Diameter

5,5 = 25 mm²

RECTUS Series

14KA



actual size

**Technical Description**

Robust brass coupling. Numerous connection options. Preferred application: compressed air technology and water connections.

Advantages

Single handed operation.
Plug design optimised through greater insert depth.

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

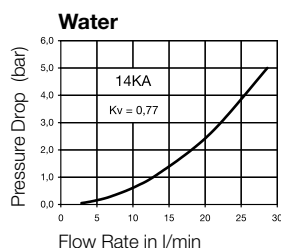
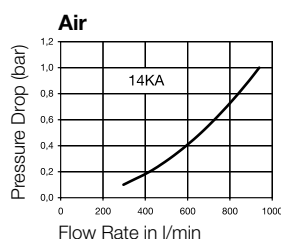
Interchangeability

RECTUS 22
ARO 210
PARKER 50
CEJN 300
ORION 44510
JWL 552 + JWL 532
various Swiss Products

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Chart

You will find the following alternative versions in our current catalogue on page:

► Safety Self-Venting

P. 280

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Pins
Seals

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

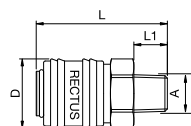
Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR

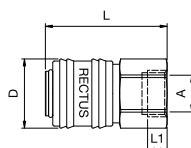
Plug

Plug

Steel Hardened, Nickel Plated or
Brass and Brass, Nickel Plated

Couplings**RECTUS Series 14KA**

Male Thread

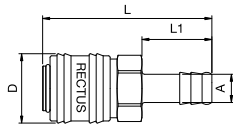


Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/4	22	43	25	9					Standard	14KA AW13 MPX
									Nickel Plated	14KA AW13 MPN
G 3/8	22	43	25	9					Standard	14KA AW17 MPX
									Nickel Plated	14KA AW17 MPN
G 1/2	22	46	25	12					Standard	14KA AW21 MPX
									Nickel Plated	14KA AW21 MPN
G 1/4	22	43	25	9					Standard	14KA IW13 MPX
									Nickel Plated	14KA IW13 MPN
G 3/8	22	43	25	9					Standard	14KA IW17 MPX
									Nickel Plated	14KA IW17 MPN
G 1/2	24	46	25	12					Standard	14KA IW21 MPX
									Nickel Plated	14KA IW21 MPN

Couplings

RECTUS Series 14KA

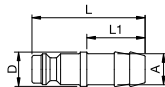


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm	21	60	25	25					Standard	14KA TF06 MPX
									Nickel Plated	14KA TF06 MPN
8 mm	21	60	25	25					Standard	14KA TF08 MPX
									Nickel Plated	14KA TF08 MPN
9 mm	21	60	25	25					Standard	14KA TF09 MPX
									Nickel Plated	14KA TF09 MPN
10 mm	21	60	25	25					Standard	14KA TF10 MPX
									Nickel Plated	14KA TF10 MPN
13 mm	21	60	25	25					Standard	14KA TF13 MPX
									Nickel Plated	14KA TF13 MPN

Plugs

RECTUS Series 22SF

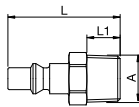


Hose Barb

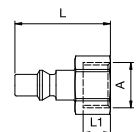
Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm		49	12	25					Standard	22SF TF06 SXN
									Brass	22SF TF06 MXX
									Nickel Plated	22SF TF06 MXN
8 mm		49	12	25					Standard	22SF TF08 SXN
									Brass	22SF TF08 MXX
									Nickel Plated	22SF TF08 MXN
10 mm		49	12	25					Standard	22SF TF10 SXN
									Brass	22SF TF10 MXX
									Nickel Plated	22SF TF10 MXN
13 mm		49	15	25					Standard	22SF TF13 SXN
									Brass	22SF TF13 MXX
									Nickel Plated	22SF TF13 MXN

Plugs

RECTUS Series 22SF



Male Thread



Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/4 G 1/4	14	41		12					Standard	22SF AK13 SXN
									Brass	22SF AK13 MXX
									Nickel Plated	22SF AK13 MXN
R 3/8 G 3/8	17	41		12					Standard	22SF AK17 SXN
									Brass	22SF AK17 MXX
									Nickel Plated	22SF AK17 MXN
R 1/2 G 1/2	22	46		17					Standard	22SF AK21 SXN
									Brass	22SF AK21 MXX
									Nickel Plated	22SF AK21 MXN
G 1/4	17	35		9					Standard	22SF IW13 SXN
									Brass	22SF IW13 MXX
									Nickel Plated	22SF IW13 MXN
G 3/8	19	35		10					Standard	22SF IW17 SXN
									Brass	22SF IW17 MXX
									Nickel Plated	22SF IW17 MXN



Nominal Diameter

5,5 = 25 mm²

RECTUS Series

18KA



actual size

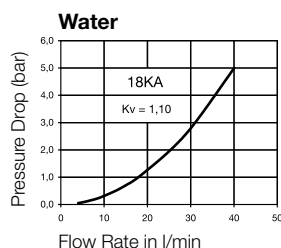
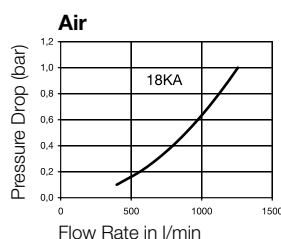
**Technical Description**

ISO 6150 C industrial coupling with UltraFlo technology. Robust design. The steel sleeve counters oscillating forces. System has limited use for liquids (steel sleeve/zinc die cast valve).

Dust Caps (P. 331)

for coupling

Part.-No. SK23S

Chart**Advantages**

Single handed operation.
Innovative valve technology.
Plug design optimised through greater insert depth. High flow valve.

Interchangeability

CEJN 291
OETIKER
ISO 6150 C

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Inner Sleeve
Spring Plate
Spring and Locking Ring
Locking Balls
Seals

Standard

Brass, Nickel Plated
Brass, Nickel Plated
Steel Hardened, Nickel Plated
Zinc Diecasting, Nickel Plated
Brass
Brass
AISI 301
AISI 420
NBR

Plug

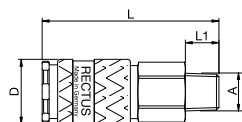
Plug

Steel Hardened, Nickel Plated

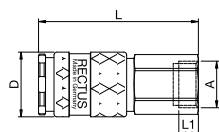
You will find the following alternative versions in our current catalogue on page:

► Safety Self-Venting

P. 282

Couplings**RECTUS Series 18KA**

Male Thread

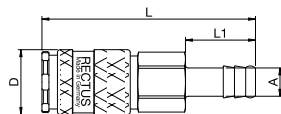


Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/4	19	63	23	12					Standard	18KA AK13 MPN
R 3/8	19	62	23	12					Standard	18KA AK17 MPN
R 1/2	22	63	23	17					Standard	18KA AK21 MPN
G 1/4	19	58	23	9					Standard	18KA IW13 MPN
G 3/8	19	57	23	9					Standard	18KA IW17 MPN
G 1/2	24	60	23	12					Standard	18KA IW21 MPN

Couplings

RECTUS Series 18KA

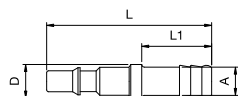


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm	19	76	23	25					Standard	18KA TF06 MPN
8 mm	19	76	23	25					Standard	18KA TF08 MPN
10 mm	19	76	23	25					Standard	18KA TF10 MPN
13 mm	19	76	23	25					Standard	18KA TF13 MPN

Plugs

RECTUS Series 18KA

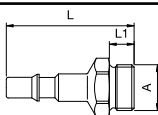


Hose Barb

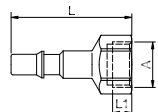
Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm		59	12	25					Standard	18SF TF06 SXN
8 mm		59	12	25					Standard	18SF TF08 SXN
10 mm		59	12	25					Standard	18SF TF10 SXN

Plugs

RECTUS Series 18KA



Male Thread



Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/4	17	41		9					Standard	18SF AW13 SXN
G 3/8	19	41		9					Standard	18SF AW17 SXN
G 1/4	17	43		9					Standard	18SF IW13 SXN
G 3/8	19	44		9					Standard	18SF IW17 SXN



Nominal Diameter

5,5 = 25 mm²

RECTUS Series

19KA



actual size

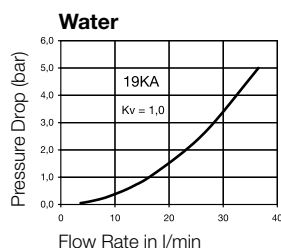
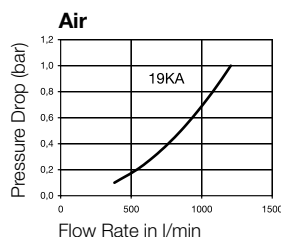
**Technical Description**

English industrial profile with UltraFlo technology. Compact dimensions. Robust coupling for compressed air applications. The steel sleeve counters oscillating forces.

Dust Caps (P. 331)

for coupling

Part.-No. SK23S

Chart**Advantages**

Single handed operation. Plug design optimised through greater insert depth. High flow valve.

Interchangeability

PCL 60 (UK)

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Inner Sleeve
Spring Plate
Spring and Locking Ring
Locking Balls
Seals

Plug

Plug

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

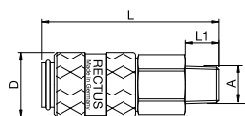
-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

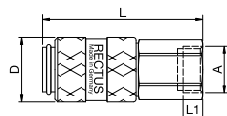
Standard

Brass, Nickel Plated
Brass, Nickel Plated
Steel Hardened, Nickel Plated
Zinc Diecasting, Nickel Plated
Brass
Brass
AISI 301
AISI 420
NBR

Steel Hardened, Nickel Plated

Couplings**RECTUS Series 19KA**

Male Thread

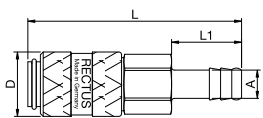


Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/4	19	63	23	12					Standard	19KA AK13 MPN
R 3/8	19	62	23	12					Standard	19KA AK17 MPN
R 1/2	22	68	23	17					Standard	19KA AK21 MPN
G 1/4	19	58	23	9					Standard	19KA IW13 MPN
G 3/8	19	58	23	9					Standard	19KA IW17 MPN
G 1/2	24	60	23	12					Standard	19KA IW21 MPN

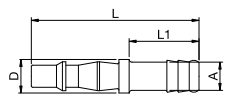
Couplings

RECTUS Series 19KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	6 mm	19	76	23	25					Standard	19KA TF06 MPN
	8 mm	19	76	23	25					Standard	19KA TF08 MPN
	10 mm	19	76	23	25					Standard	19KA TF10 MPN
	13 mm	19	76	23	25					Standard	19KA TF13 MPN

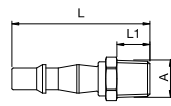
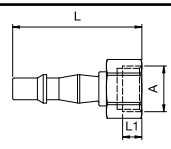
Plugs

RECTUS Series 19KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	6 mm		60	12	25					Standard	19SF TF06 SXN
	8 mm		60	12	25					Standard	19SF TF08 SXN
	10 mm		60	12	25					Standard	19SF TF10 SXN

Plugs

RECTUS Series 19KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	14	50		12					Standard	19SF AK13 SXN
	R 3/8	17	50		12					Standard	19SF AK17 SXN
 Female Thread	G 1/4	17	46		9					Standard	19SF IW13 SXN
	G 3/8	19	47		9					Standard	19SF IW17 SXN



Nominal Diameter

5,5 = 25 mm²

RECTUS Series

22KA



actual size

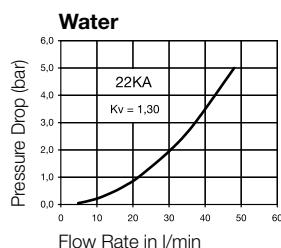
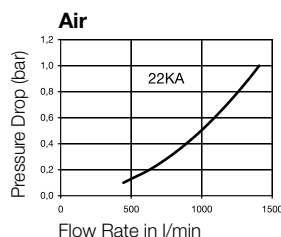
**Technical Description**

Industrial coupling with high flow performance from UltraFlo technology. Specially suited to use with gaseous media in industry. The steel sleeve counters oscillating forces. Special variant with brass valve for use with liquids.

Dust Caps (P. 331)

for coupling

Part.-No. SK23S

**Chart****Advantages**

Single handed operation.
Plug design optimised through greater insert depth. High flow valve.

Interchangeability

RECTUS 14
ARO 210
PARKER 50
CEJN 300
ORION 44510
JWL 522 + JWL 532
various Swiss products

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Inner Sleeve
Spring Plate
Spring and Locking Ring
Locking Balls
Seals

Plug

Plug

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Standard

Brass, Nickel Plated
Brass, Nickel Plated
Steel Hardened, Nickel Plated
Zinc Diecasting, Nickel Plated
Brass
Brass
AISI 301
AISI 420
NBR

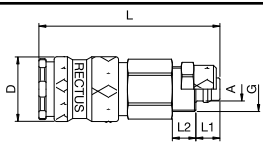
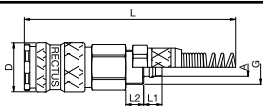
Steel Hardened, Nickel Plated or
Brass and Brass, Nickel Plated

Couplings**RECTUS Series 22KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	19	61	23	12					Standard	22KA AK13 MPN
	R 3/8	19	60	23	12					Standard	22KA AK17 MPN
	R 1/2	22	61	23	17					Standard	22KA AK21 MPN
 Female Thread	G 1/4	19	56	23	9					Standard	22KA IW13 MPN
	G 3/8	19	55	23	9					Standard	22KA IW17 MPN
	G 1/2	24	58	23	9					Standard	22KA IW21 MPN
 Hose Barb	6 mm	19	74	23	25					Standard	22KA TF06 MPN
	8 mm	19	74	23	25					Standard	22KA TF08 MPN
	9 mm	19	74	23	25					Standard	22KA TF09 MPN
	10 mm	19	74	23	25					Standard	22KA TF10 MPN
	13 mm	19	74	23	25					Standard	22KA TF13 MPN

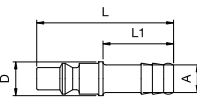
Couplings

RECTUS Series 22KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Plastic Hose Connection	6 x 8 mm	19	61	23	7	6			M 12 x 1	Standard	22KA KO08 MPN
	8 x 10 mm	19	65	23	9	8			M 16 x 1	Standard	22KA KO10 MPN
 Plastic Hose Connection w. Spring Guard	6 x 8 mm	19	126	23	7	6			M 12 x 1	Standard	22KA KK08 MPN

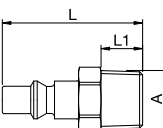
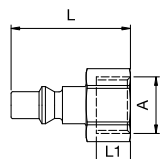
Plugs

RECTUS Series 22KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	6 mm		49	12	25					Standard	22SF TF06 SXN
										Brass	22SF TF06 MXX
										Brass, Nickel P.	22SF TF06 MXN
	8 mm		49	12	25					Standard	22SF TF08 SXN
										Brass	22SF TF08 MXX
										Brass, Nickel P.	22SF TF08 MXN
	10 mm		49	12	25					Standard	22SF TF10 SXN
										Brass	22SF TF10 MXX
										Brass, Nickel P.	22SF TF10 MXN
	13 mm		49	15	25					Standard	22SF TF13 SXN
										Brass	22SF TF13 MXX
										Brass, Nickel P.	22SF TF13 MXN

Plugs

RECTUS Series 22KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	14	41		12					Standard	22SF AK13 SXN
	G 1/4									Brass	22SF AK13 MXX
	R 3/8	17	41		12					Standard	22SF AK17 SXN
	G 3/8									Brass	22SF AK17 MXX
										Brass, Nickel P.	22SF AK17 MXN
 Female Thread	R 1/2	22	46		17					Standard	22SF AK21 SXN
	G 1/4	17	35		9					Standard	22SF IW13 SXN
										Brass	22SF IW13 MXX
										Brass, Nickel P.	22SF IW13 MXN
	G 3/8	19	35		10					Standard	22SF IW17 SXN
										Brass	22SF IW17 MXX
										Brass, Nickel P.	22SF IW17 MXN
	G 1/2	24	35		12					Standard	22SF IW21 SXN



Nominal Diameter

5,5 = 25 mm²

RECTUS Series

23KA



actual size

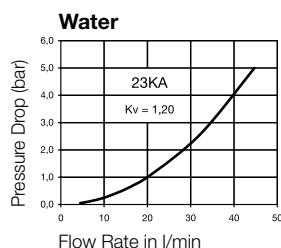
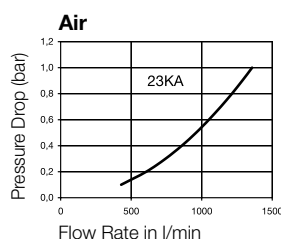
**Technical Description**

1/4" industrial coupling with UltraFlo technology in accordance with ISO 6150 B and US Mil. Spec. 4109. Especially suitable for use with gaseous media in industry. Steel sleeve counters oscillating forces. Special variants with brass valve for use with liquids.

Dust Caps (P. 331)

for coupling

Part.-No. SK23S

**Chart****Advantages**

High flow performance with low pressure drop and a multitude of connection options.

Interchangeability

INDUSTR. INTERCHANGE 1/4"
US-MIL-SPEC-C-4109
ISO 6150 B
RECTUS 24, RECTUS 1400/1423
TEMA 1400
CEJN 310, HANSEN 3000,
FASTER, GROMELLE 600
PARKER 20 1/4" + 30 1/4"
JWL 521 + JWL 531

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Inner Sleeve
Spring Plate
Spring and Locking Ring
Locking Balls
Seals

Plug

Plug

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Standard

Brass, Nickel Plated
Brass, Nickel Plated
Steel Hardened, Nickel Plated
Zinc Diecasting, Nickel Plated
Brass
Brass
AISI 301
AISI 420
NBR

Steel Hardened, Nickel Plated
or Brass

You will find the following alternative versions in our current catalogue on page:

► Safety Self-Venting

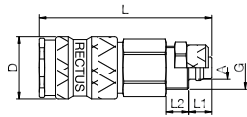
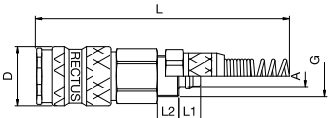
P. 284

Couplings**RECTUS Series 23KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	19	61	23	12					Standard	23KA AK13 MPN
	R 3/8	19	60	23	12					Standard	23KA AK17 MPN
	R 1/2	22	61	23	17					Standard	23KA AK21 MPN
 Female Thread	G 1/4	19	56	23	9					Standard	23KA IW13 MPN
	G 3/8	19	54	23	9					Standard	23KA IW17 MPN
	G 1/2	24	58	23	9					Standard	23KA IW21 MPN
 Hose Barb	6 mm	19	74	23	25					Standard	23KA TF06 MPN
	8 mm	19	74	23	25					Standard	23KA TF08 MPN
	9 mm	19	74	23	25					Standard	23KA TF09 MPN
	10 mm	19	74	23	25					Standard	23KA TF10 MPN
	13 mm	19	74	23	25					Standard	23KA TF13 MPN

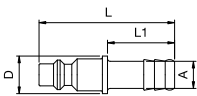
Couplings

RECTUS Series 23KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Plastic Hose Connection	8 x 10 mm	19	64	23	9	8			M 16 x 1	Standard	23KA KO10 MPN
 Plastic Hose Connection with Spring Guard	9 x 12 mm	19	163	23	9	8			M 16 x 1	Standard	23KA KK12 MPN

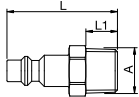
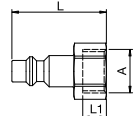
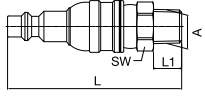
Plugs

RECTUS Series 23KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	4 mm		51	14	25					Brass, Nickel P.	23SF TF04 MXN
	6 mm		51	14	25					Standard	23SF TF06 SXN
										Brass	23SF TF06 MXX
	8 mm		51	14	25					Standard	23SF TF08 SXN
										Brass	23SF TF08 MXX
	9 mm		51	14	25					Standard	23SF TF09 SXN
										Brass	23SF TF09 MXX
	10 mm		51	14	25					Standard	23SF TF10 SXN
										Brass	23SF TF10 MXX
	13 mm		51	14	25					Standard	23SF TF13 SXN

Plugs

RECTUS Series 23KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/8	13	39		9					Standard	23SF AK10 SXN
	R 1/4	14	42		12					Standard	23SF AK13 SXN
	G 1/4									Brass	23SF AW13 MXX
	R 3/8	17	42		12					Standard	23SF AK17 SXN
	G 3/8									Brass	23SF AW17 MXX
 Female Thread	R 1/2	22	48		17					Standard	23SF AK21 SXN
	G 1/8	14	36		9					Standard	23SF IW10 SXN
	G 1/4	17	36		9					Standard	23SF IW13 SXN
										Brass	23SF IW13 MXX
	G 3/8	19	36		9					Standard	23SF IW17 SXN
 Flex Joint, Male Thread										Brass	23SF IW17 MXX
	G 1/2	24	39		12					Standard	23SF IW21 SXN
	R 1/4	17	68		11					Brass	23FA AK13 SPN



Nominal Diameter

5,5 = 25 mm²

RECTUS Series

1400KA



actual size

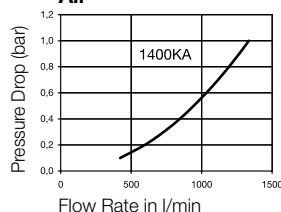
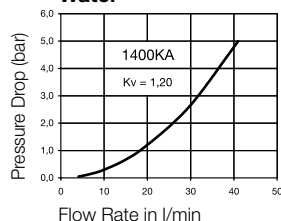
**Technical Description**

Rectus Tema premium industrial coupling – the know-how from both brands combined in one system. 1/4" coupling conforming to ISO 6150 B with high grade valve technology, optimum flow performance and minimum coupling forces.

Dust Caps (P. 331)

for coupling

Part.-No. SK23S

Chart**Air****Water****Advantages**

Single handed operation. High flow valve. Minimum coupling forces.

Interchangeability

RECTUS 23 + 24,
RECTUS 1423
TEMA 1400
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

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring
Locking Ring and
Locking Balls
Seals

Plug

Plug

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Standard

Brass, Nickel Plated
Steel, QPQ treated
Brass, Nickel Plated
Brass
AISI 301
AISI 420

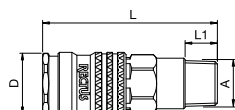
NBR

Steel Hardened and Nickel
Plated

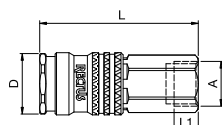
You will find the following alternative versions in our current catalogue on page:

► Safety Self-Venting

P. 284

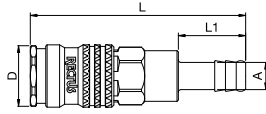
Couplings**RECTUS Series 1400KA**

Male Thread



Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/4	19	65	23	12					Standard	1400KA AK13 SPN
R 3/8	19	65	23	12					Standard	1400KA AK17 SPN
R 1/2	22	59,5	23	17					Standard	1400KA AK21 SPN
G 1/4	19	59	23	9					Standard	1400KA IW13 SPN
G 3/8	19	59	23	9					Standard	1400KA IW17 SPN
G 1/2	24	62	23	12					Standard	1400KA IW21 SPN

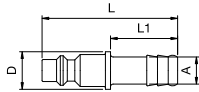


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm	19	80	23	25					Standard	1400KA TF06 SPN
8 mm	19	80	23	25					Standard	1400KA TF08 SPN
10 mm	19	80	23	25					Standard	1400KA TF10 SPN
13 mm	19	80	23	25					Standard	1400KA TF13 SPN

Plugs

RECTUS Series 23SF

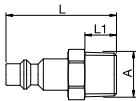


Hose Barb

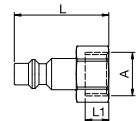
Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
4 mm		51	14	25					Brass, Nickel P.	23SF TF04 MXN
6 mm		51	14	25					Standard	23SF TF06 SXN
									Brass	23SF TF06 MXX
8 mm		51	14	25					Standard	23SF TF08 SXN
									Brass	23SF TF08 MXX
9 mm		51	14	25					Standard	23SF TF09 SXN
									Brass	23SF TF09 MXX
10 mm		51	14	25					Standard	23SF TF10 SXN
									Brass	23SF TF10 MXX
13 mm		51	15	25					Standard	23SF TF13 SXN

Plugs

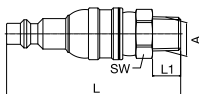
RECTUS Series 23SF



Male Thread



Female Thread



Flex Joint, Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/8	13	39		9					Standard	23SF AK10 SXN
R 1/4	14	42		12					Standard	23SF AK13 SXN
G 1/4									Brass	23SF AW13 MXX
R 3/8	17	42		12					Standard	23SF AK17 SXN
G 3/8									Brass	23SF AW17 MXX
R 1/2	22	48		17					Standard	23SF AK21 SXN
G 1/8	14	36		9					Standard	23SF IW10 SXN
G 1/4	17	36		9					Standard	23SF IW13 SXN
									Brass	23SF IW13 MXX
G 3/8	19	36		9					Standard	23SF IW17 SXN
									Brass	23SF IW17 MXX
G 1/2	24	39		12					Standard	23SF IW21 SXN
R 1/4	17	68		11					Standard	23FA AK13 SPN



Nominal Diameter

5,5 = 25 mm²

RECTUS Series

1423KA

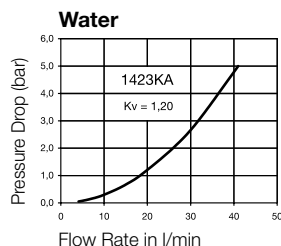
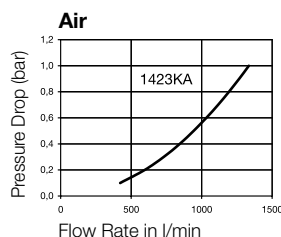

actual size

**Technical Description**

Rectus Tema premium industrial coupling - the know-how from both brands combined in one system. 1/4" coupling conforming to ISO 6150 B with high grade valve technology, optimum flow performance and minimum coupling forces. Especially robust 2-component plastic sleeve.

Dust Caps (P. 331)

for coupling Part.-No. SK23S

**Chart**

You will find the following alternative versions in our current catalogue on page:

► Safety Self-Venting

P. 284

Advantages

Single handed operation. High flow valve. Minimum coupling forces.

Interchangeability

RECTUS 23 + 24,
RECTUS 1400
TEMA 1400
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

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring
Locking Ring and
Locking Balls
Seals

Plug

Plug

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to1.

Working Temperature*

-20°C up to +80°C (NBR)
-20°C up to +80°C (EPDM)
-20°C up to +80°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +80°C special seals are available on request.

Standard

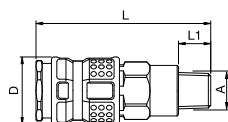
Brass, Nickel Plated
Steel, QPQ treated
PA6 + TPE
Brass
AISI 301
AISI 420

NBR

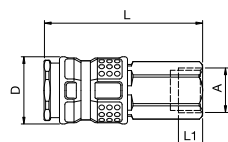
Steel Hardened and
Nickel Plated

Couplings

RECTUS Series 1423KA



Male Thread

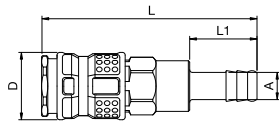


Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/4	19	65	26	12					Standard	1423KA AK13 SPN
R 3/8	19	65	26	12					Standard	1423KA AK17 SPN
R 1/2	22	59,5	26	17					Standard	1423KA AK21 SPN
G 1/4	19	59	26	9					Standard	1423KA IW13 SPN
G 3/8	19	59	26	9					Standard	1423KA IW17 SPN
G 1/2	24	62	26	12					Standard	1423KA IW21 SPN

Couplings

RECTUS Series 1423KA

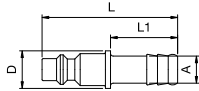


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm	19	80	26	25					Standard	1423KA TF06 SPN
8 mm	19	80	26	25					Standard	1423KA TF08 SPN
9 mm	19	80	26	25					Standard	1423KA TF09 SPN
10 mm	19	80	26	25					Standard	1423KA TF10 SPN
13 mm	19	80	26	25					Standard	1423KA TF13 SPN

Plugs

RECTUS Series 23SF

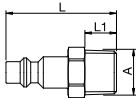


Hose Barb

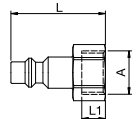
Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
4 mm		51	14	25					Brass, Nickel P.	23SF TF04 MXN
6 mm		51	14	25					Standard	23SF TF06 SXN
									Brass	23SF TF06 MXX
8 mm		51	14	25					Standard	23SF TF08 SXN
									Brass	23SF TF08 MXX
9 mm		51	14	25					Standard	23SF TF09 SXN
									Brass	23SF TF09 MXX
10 mm		51	14	25					Standard	23SF TF10 SXN
									Brass	23SF TF10 MXX
13 mm		51	14	25					Standard	23SF TF13 SXN

Plugs

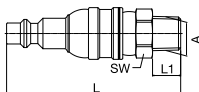
RECTUS Series 23SF



Male Thread



Female Thread



Flex Joint, Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/8	13	39		9					Standard	23SF AK10 SXN
R 1/4	14	42		12					Standard	23SF AK13 SXN
G 1/4									Brass	23SF AW13 MXX
R 3/8	17	42		12					Standard	23SF AK17 SXN
G 3/8									Brass	23SF AW17 MXX
R 1/2	22	48		17					Standard	23SF AK21 SXN
G 1/8	14	36		9					Standard	23SF IW10 SXN
G 1/4	17	36		9					Standard	23SF IW13 SXN
									Brass	23SF IW13 MXX
G 3/8	19	36		9					Standard	23SF IW17 SXN
									Brass	23SF IW17 MXX
G 1/2	24	39		12					Standard	23SF IW21 SXN
R 1/4	17	68		11					Standard	23FA AK13 SPN



Nominal Diameter

5,5 = 25 mm²

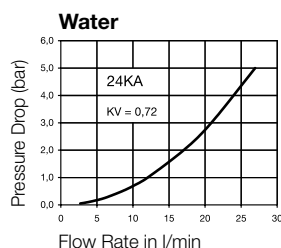
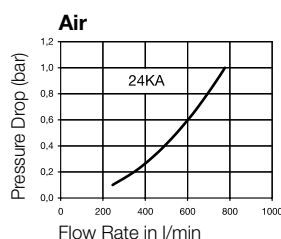
RECTUS Series

24KA


actual size

**Technical Description**

1/4" Industrial brass coupling conforming to ISO 6150B and US Mil. Spec 4109. Notable for brass mass design and corresponding sleeve design. Hardened steel plug counters vibrations and effects of external forces.

Chart**Advantages**

Single handed operation.

Interchangeability

RECTUS 23
RECTUS 1400/1423
TEMA 1400
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

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Pins
Seals

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR

Plug

Plug

Steel Hardened, Nickel Plated or Brass

You will find the following alternative versions in our current catalogue on page:

► Safety Self-Venting

P. 286

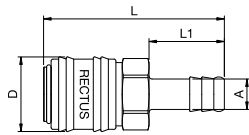
Couplings

RECTUS Series 24KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
Male Thread	G 1/4	22	43	25	9					Standard	24KA AW13 MPX
										Nickel Plated	24KA AW13 MPN
	G 3/8	22	43	25	9					Standard	24KA AW17 MPX
										Nickel Plated	24KA AW17 MPN
Female Thread	G 1/2	22	46	25	12					Standard	24KA AW21 MPX
										Nickel Plated	24KA AW21 MPN
	G 1/4	22	43	25	11					Standard	24KA IW13 MPX
										Nickel Plated	24KA IW13 MPN
	G 3/8	22	43	25	9					Standard	24KA IW17 MPX
										Nickel Plated	24KA IW17 MPN
	G 1/2	22	46	25	12					Standard	24KA IW21 MPX
										Nickel Plated	24KA IW21 MPN

Couplings

RECTUS Series 24KA

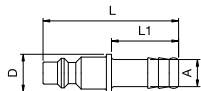


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm	21	60	25	25					Standard	24KA TF06 MPX
8 mm	21	60	25	25					Standard Nickel Plated	24KA TF08 MPX 24KA TF08 MPN
9 mm	21	60	25	25					Standard	24KA TF09 MPX
10 mm	21	60	25	25					Standard	24KA TF10 MPX
13 mm	21	60	25	25					Standard	24KA TF13 MPX

Plugs

RECTUS Series 23SF

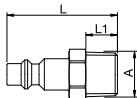


Hose Barb

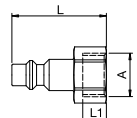
Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
4 mm		51	14	25					Brass, Nickel P.	23SF TF04 MXN
6 mm		51	14	25					Standard Brass	23SF TF06 SXN 23SF TF06 MXX
8 mm		51	14	25					Standard Brass	23SF TF08 SXN 23SF TF08 MXX
9 mm		51	14	25					Standard Brass	23SF TF09 SXN 23SF TF09 MXX
10 mm		51	14	25					Standard Brass	23SF TF10 SXN 23SF TF10 MXX
13 mm		51	15	25					Standard	23SF TF13 SXN

Plugs

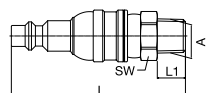
RECTUS Series 23SF



Male Thread



Female Thread



Flex Joint, Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/8	13	39		9					Standard	23SF AK10 SXN
R 1/4	14	42		12					Standard	23SF AK13 SXN
G 1/4									Brass	23SF AW13 MXX
R 3/8	17	42		12					Standard	23SF AK17 SXN
G 3/8									Brass	23SF AW17 MXX
R 1/2	22	48		17					Standard	23SF AK21 SXN
G 1/8	14	36		9					Standard	23SF IW10 SXN
G 1/4	17	36		9					Standard Brass	23SF IW13 SXN 23SF IW13 MXX
G 3/8	19	36		9					Standard Brass	23SF IW17 SXN 23SF IW17 MXX
G 1/2	24	39		12					Standard	23SF IW21 SXN
R 1/4	17	68		11					Standard	23FA AK13 SPN



Nominal Diameter

6 = 30 mm²

RECTUS Series

31KA



actual size



Technical Description

Steel industrial coupling with high flow due to UltraFlo technology. Widely used in the Scandinavian market. Specially suited to use with gaseous media in industry.

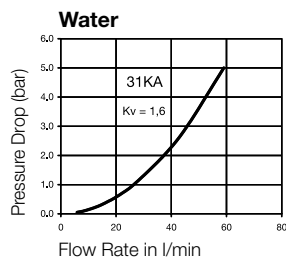
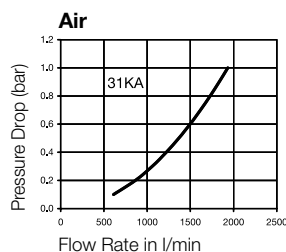
Dust Caps (P. 331)

for coupling
for plug

Part.-No. SK23S
Part.-No. SK12S



Chart



Advantages

Single handed operation.
Extremely high flow performance from optimum valve design. High flow valve.

Interchangeability

TEMA 1300 (single shut-off)
Cejn 303

Material

Coupling

Back Body
Valve Body
Sleeve
Valve
Spring Plate
Spring and Locking
Ring
Locking Balls
Seals

Plug

Plug

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

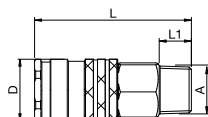
Standard

Brass, Nickel Plated,
Steel, Black Nitrided
Brass, Nickel Plated
Brass
Brass
AISI 301
AISI 420
NBR

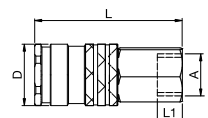
Steel Hardened,
Zinc Chromatized

Couplings

RECTUS Series 31KA



Male Thread

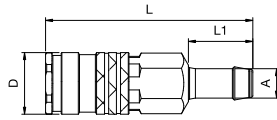


Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/4	19	58	22	12					Standard	31KA AK13 SPN
R 3/8	19	56	22	12					Standard	31KA AK17 SPN
R 1/2	23	57	26	14					Standard	31KA AK21 SPN
G 1/4	19	55	22	11					Standard	31KA IW13 SPN
G 3/8	20	55	22	10					Standard	31KA IW17 SPN

Couplings

RECTUS Series 31KA

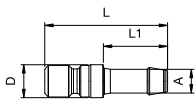


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm	19	78	22	23					Standard	31KA TF06 SPN
8 mm	19	78	22	23					Standard	31KA TF08 SPN
10 mm	19	78	22	23					Standard	31KA TF10 SPN
13 mm	19	77	22	24					Standard	31KA TF13 SPN

Plugs

RECTUS Series 31KA

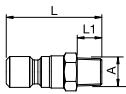


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm		44	12	23					Standard	31SF TF06 SXZ
8 mm		44	12	23					Standard	31SF TF08 SXZ
10 mm		44	12	24					Standard	31SF TF10 SXZ
13 mm		47	12	24					Standard	31SF TF13 SXZ

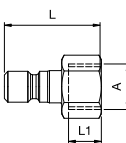
Plugs

RECTUS Series 31KA



Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/8	13	35		9					Standard	31SF AK10 SXZ
R 1/4	14	38		12					Standard	31SF AK13 SXZ
R 3/8	17	38		12					Standard	31SF AK17 SXZ
R 1/2	22	40		14					Standard	31SF AK21 SXZ



Female Thread

G 1/8	13	32		8,5					Standard	31SF IW10 SXZ
G 1/4	16	36		10					Standard	31SF IW13 SXZ
G 3/8	20	36		10					Standard	31SF IW17 SXZ



Nominal Diameter

6 = 30 mm²

RECTUS Series

51KB



actual size



Technical Description

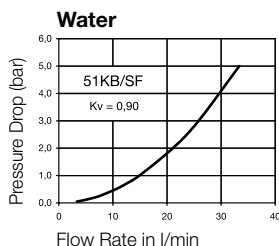
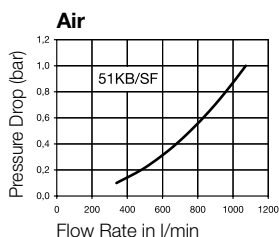
German industrial profile with UltraFlo technology. Small dimensions. Robust steel coupling for compressed air applications, especially with oscillating forces due to the greater insert depth of the plug profile and steel sleeve.

Dust Caps (P. 331)

for coupling

Part.-No. SK23S

Chart



Advantages

Single handed operation.
Ergonomic design. High flow valve.

Interchangeability

WALTHER SP006

Material

Coupling

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
Spring Plate

Plug

Plug

Working Pressure

PB = 50 bar, maximum
static working pressure
with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below
-20°C and above +100°C
special seals are available
on request.

Standard

Brass, Nickel Plated
Steel, Nickel Plated
Steel Hardened, Nickel Plated
Brass, Nickel Plated
AISI 301
AISI 420
NBR
Brass

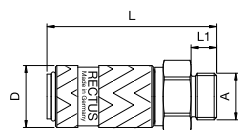
Steel Hardened, Nickel Plated

You will find the following alternative
versions in our current catalogue on
page:

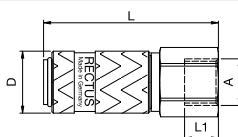
► Brass/Steel Double Shut-off P. 130

Couplings

RECTUS Series 51KB



Male Thread

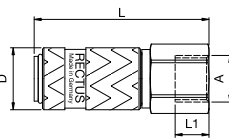
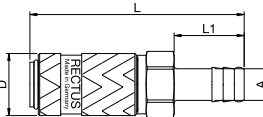


Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/4	22	61	22	9					Standard	51KB AW13 SPN
G 3/8	22	61	22	9					Standard	51KB AW17 SPN
G 1/2	22	61	22	12					Standard	51KB AW21 SPN
G 1/4	22	63	22	12					Standard	51KB IW13 SPN

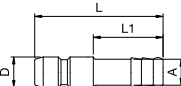
Couplings

RECTUS Series 51KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Female Thread	G 3/8	22	63	22	12					Standard	51KB IW17 SPN
	G 1/2	24	64	22	13					Standard	51KB IW21 SPN
 Hose Barb	6 mm	21	78	22	25					Standard	51KB TF06 SPN
	9 mm	21	78	22	25					Standard	51KB TF09 SPN
	13 mm	21	78	22	25					Standard	51KB TF13 SPN

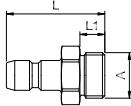
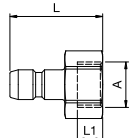
Plugs

RECTUS Series 51KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	6 mm		46	11	25					Standard	51SF TF06 SXN
	9 mm		46	11	25					Standard	51SF TF09 SXN

Plugs

RECTUS Series 51KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 1/4	17	35		9					Standard	51SF AW13 SXN
	G 3/8	19	36		9					Standard	51SF AW17 SXN
 Female Thread	G 1/4	17	34		11					Standard	51SF IW13 SXN
	G 3/8	19	34		11					Standard	51SF IW17 SXN



Nominal Diameter

6 = 30 mm²

RECTUS Series

52KB



actual size



Technical Description

German industrial profile with UltraFlo technology. Small dimensions. Robust steel coupling for compressed air applications, especially with oscillating forces due to the greater insert depth of the plug profile and steel sleeve.

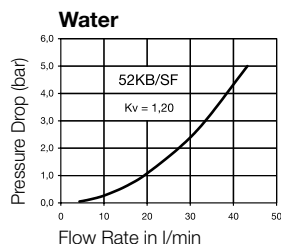
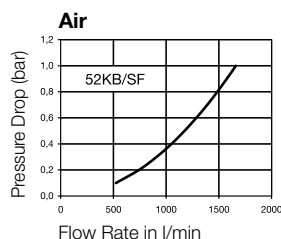
Dust Caps (P. 331)

for coupling
for plug

Part.-No. SK23S
Part.-No. SK12S



Chart



Advantages

Single handed operation.
Ergonomic design. High flow valve.

Interchangeability

WALTHER LP006

Material

Coupling

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
Inner Sleeve
Spring Plate

Plug

Plug

Working Pressure

PB = 50 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Standard

Brass, Nickel Plated
Steel, Nickel Plated
Steel Hardened, Nickel Plated
Brass, Nickel Plated
AISI 301
AISI 420
NBR
Brass
Brass

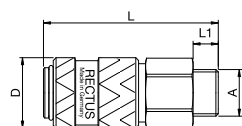
Steel Hardened, Nickel Plated

You will find the following alternative versions in our current catalogue on page:

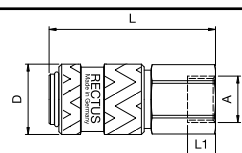
► Brass/Steel Double Shut-off P. 132

Couplings

RECTUS Series 52KB



Male Thread

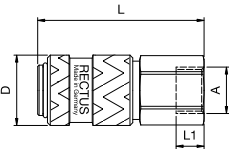
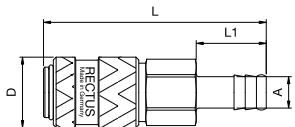


Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/4	22	62	25	9					Standard	52KB AW13 SPN
G 3/8	22	62	25	9					Standard	52KB AW17 SPN
G 1/2	22	62	25	12					Standard	52KB AW21 SPN
G 1/4	22	62	25	10					Standard	52KB IW13 SPN

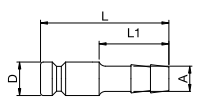
Couplings

RECTUS Series 52KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Female Thread	G 3/8	22	60	25	10					Standard	52KB IW17 SPN
	G 1/2	22	65	25	13					Standard	52KB IW21 SPN
 Hose Barb	6 mm	21	79	25	25					Standard	52KB TF06 SPN
	9 mm	21	80	25	25					Standard	52KB TF09 SPN
	10 mm	21	80	25	25					Standard	52KB TF110 SPN
	11 mm	21	80	25	25					Standard	52KB TF11 SPN
	13 mm	21	79	25	25					Standard	52KB TF13 SPN

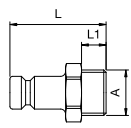
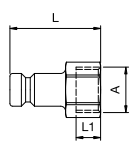
Plugs

RECTUS Series 52KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	6 mm		46	12	25					Standard	52SF TF06 SXN
	9 mm		46	12	25					Standard	52SF TF09 SXN
	11 mm		53	12	30					Standard	52SF TF11 SXN
	13 mm		53	12	30					Standard	52SF TF13 SXN

Plugs

RECTUS Series 52KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 1/8	14	32		7					Standard	52SF AW10 SXN
	G 1/4	17	35		9					Standard	52SF AW13 SXN
	G 3/8	19	35		9					Standard	52SF AW17 SXN
	G 1/2	24	38		12					Standard	52SF AW21 SXN
 Female Thread	G 1/8	14	31		7					Standard	52SF IW10 SXN
	G 1/4	17	33		9					Standard	52SF IW13 SXN
	G 3/8	19	33		9					Standard	52SF IW17 SXN
	G 1/2	24	36		12					Standard	52SF IW21 SXN



Nominal Diameter

7,2 = 40 mm²

RECTUS Series

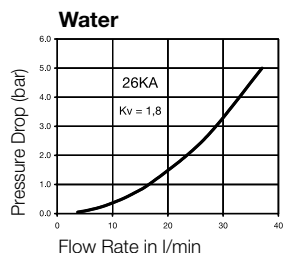
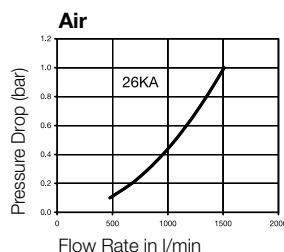
26KA



actual size

**Technical Description**

European standard industrial profile. Universal brass coupling. Small mass size. Ergonomic sleeve design prevents dirt on the valve body. Series 26 plugs in brass. Series 25 steel plugs recommended for oscillating forces.

Chart

You will find the following alternative versions in our current catalogue on page:

- Brass/Steel Double Shut-off P. 136
- Stainless Steel P. 189
- Safety Self-Venting P. 288

Advantages

Single handed operation.
European standard.

Interchangeability

RECTUS 25
RECTUS 1600/1625
TEMA 1600
CEJN 320
JWL 520 + JWL 530
and various German products

Working Pressure

PB = 35 bar, maximum
static working pressure
with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below
-20°C and above +100°C
special seals are available
on request.

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Pins
Seals

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

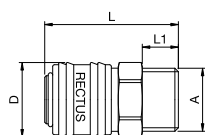
Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR

Plug

Plug

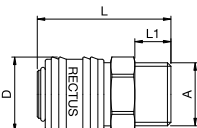
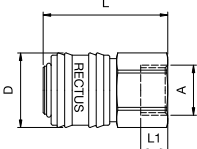
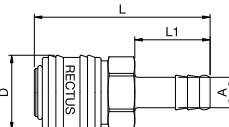
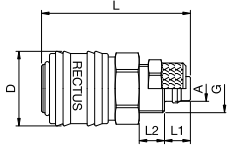
Brass

Brass, Nickel Plated

Couplings**RECTUS Series 26KA**

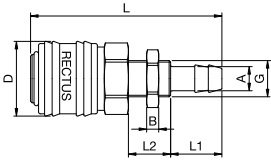
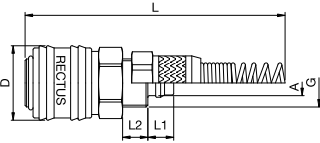
Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/8	22	43	25	9					Standard	26KA AW10 MPX
									Nickel Plated	26KA AW10 MPN
G 1/4	22	39	25	9					Standard	26KA AW13 MPX
									Nickel Plated	26KA AW13 MPN
G 3/8	22	41	25	9					Standard	26KA AW17 MPX
									Nickel Plated	26KA AW17 MPN
G 1/2	22	44	25	12					Standard	26KA AW21 MPX
									Nickel Plated	26KA AW21 MPN
G 1/2	24	42	25	10					Standard	26KA AW21 MPXS_36
									Nickel Plated	26KA AW21 MPNS_09

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Male Thread	M 14 x 1,5	22	42	25	10					Standard	26KA AD14 MPX	
										Nickel Plated	26KA AD14 MPN	
	M 16 x 1,5	22	43	25	11					Standard	26KA AD16 MPX	
										Nickel Plated	26KA AD16 MPN	
	M 18 x 1,5	22	43	25	11					Standard	26KA AD18 MPX	
										Nickel Plated	26KA AD18 MPN	
 Female Thread	G 1/4	22	41	25	9					Standard	26KA IW13 MPX	
										Nickel Plated	26KA IW13 MPN	
	G 3/8	22	41	25	9					Standard	26KA IW17 MPX	
										Nickel Plated	26KA IW17 MPN	
	G 1/2	24	44	25	10					Standard	26KA IW21 MPX	
										Nickel Plated	26KA IW21 MPN	
	M 14 x 1,5	22	44	25	9					Standard	26KA IM14 MPX	
										Nickel Plated	26KA IM14 MPN	
	M 16 x 1,5	22	44	25	9					Standard	26KA IM16 MPX	
										Nickel Plated	26KA IM16 MPN	
 Hose Barb	6 mm	21	58	25	25					Standard	26KA TF06 MPX	
										Nickel Plated	26KA TF06 MPN	
	8 mm	21	58	25	25					Standard	26KA TF08 MPX	
										Nickel Plated	26KA TF08 MPN	
	9 mm	21	58	25	25					Standard	26KA TF09 MPX	
										Nickel Plated	26KA TF09 MPN	
	10 mm	21	58	25	25					Standard	26KA TF10 MPX	
										Nickel Plated	26KA TF10 MPN	
	13 mm	21	58	25	25					Standard	26KA TF13 MPX	
										Nickel Plated	26KA TF13 MPN	
	6 mm Parker	21	58	25	20,5					Standard	26KA TP06 MPX	
										Nickel Plated	26KA TP06 MPN	
	10 mm Parker	21	58	25	24					Standard	26KA TP10 MPX	
										Nickel Plated	26KA TP10 MPN	
 Plastic Hose Connection	4 x 6 mm	21	58	25	7	6			M 10 x 1	Standard	26KA KO06 MPX	
										Nickel Plated	26KA KO06 MPN	
	6 x 8 mm	21	45	25	7	6			M 12 x 1	Standard	26KA KO08 MPX	
										Nickel Plated	26KA KO08 MPN	
	8 x 10 mm	21	49	25	9	8			M 16 x 1	Standard	26KA KO10 MPX	
										Nickel Plated	26KA KO10 MPN	
	9 x 12 mm	21	49	25	9	8			M 16 x 1	Standard	26KA KO12 MPX	
										Nickel Plated	26KA KO12 MPN	

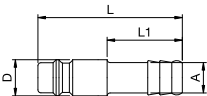
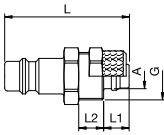
Couplings

RECTUS Series 26KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Panel Mount Hose Barb	6 mm	21	60	25	17	10	17	4	M 12 x 1	Standard	26KA TS06 MPX
										Nickel Plated	26KA TS06 MPN
	8 mm	21	63	25	17	14	17	4	M 12 x 1	Standard	26KA TS08 MPX
										Nickel Plated	26KA TS08 MPN
	10 mm	21	72	25	25	14	17	4	G 1/4	Standard	26KA TS10 MPX
										Nickel Plated	26KA TS10 MPN
 Plastic Hose Connection	6 x 8 mm	21	132	25	7	6			M 12 x 1	Standard	26KA KK08 MPX
										Nickel Plated	26KA KK08 MPN
	8 x 10 mm	21	143	25	9	8			M 16 x 1	Standard	26KA KK10 MPX
										Nickel Plated	26KA KK10 MPN
	9 x 12 mm	21	150	25	9	8			M 16 x 1	Standard	26KA KK12 MPX
										Nickel Plated	26KA KK12 MPN

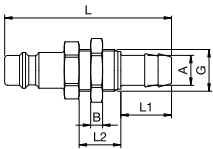
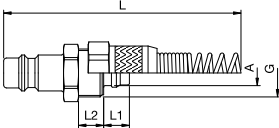
Plugs

RECTUS Series 26KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	4 mm		48	12	25					Standard	26SF TF04 MXX
										Nickel Plated	26SF TF04 MXN
	6 mm		48	12	25						26SF TF06 MXX
										Nickel Plated	26SF TF06 MXN
	8 mm		48	12	25					Standard	26SF TF08 MXX
										Nickel Plated	26SF TF08 MXN
	9 mm		48	12	25					Standard	26SF TF09 MXX
										Nickel Plated	26SF TF09 MXN
	10 mm		48	12	25					Standard	26SF TF10 MXX
										Nickel Plated	26SF TF10 MXN
	13 mm		48	15	25					Standard	26SF TF13 MXX
										Nickel Plated	26SF TF13 MXN
	6 mm Parker		43	16	20,5					Standard	26SF TP06 MXX
										Nickel Plated	26SF TP06 MXN
	10 mm Parker		46	22	24					Standard	26SF TP10 MXX
										Nickel Plated	26SF TP10 MXN
 Plastic Hose Connection	13 mm Parker		50	24	28					Standard	26SF TP13 MXX
										Nickel Plated	26SF TP13 MXN
	4 x 6 mm		34	12	7	6			M 10 x 1	Standard	26SF KO06 MXX
										Nickel Plated	26SF KO06 MXN
	6 x 8 mm		34	12	7	6			M 12 x 1	Standard	26SF KO08 MXX
										Nickel Plated	26SF KO08 MXN
	8 x 10 mm	17	42		9	6			M 16 x 1	Standard	26SF KO10 MXX
										Nickel Plated	26SF KO10 MXN
	9 x 12 mm	17	42		9	8			M 16 x 1	Standard	26SF KO12 MXX
										Nickel Plated	26SF KO12 MXN

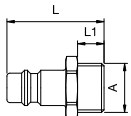
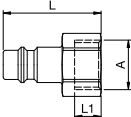
Plugs

RECTUS Series 26KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Panel Mount Hose Barb	6 mm	14	56		17	14	17	4	M 12 x 1	Standard	26SF TS06 MXX
										Nickel Plated	26SF TS06 MXN
	8 mm	17	56		17	14	17	4	M 12 x 1	Standard	26SF TS08 MXX
										Nickel Plated	26SF TS08 MXN
	10 mm	17	56		17	14	19	4	M 14 x 1	Standard	26SF TS10 MXX
										Nickel Plated	26SF TS10 MXN
 Plastic Hose Connection with Spring Guard	4 x 6 mm		120	12	7	6			M 10 x 1	Standard	26SF KK06 MXX
										Nickel Plated	26SF KK06 MXN
	6 x 8 mm		127	12	7	6			M 12 x 1	Standard	26SF KK08 MXX
										Nickel Plated	26SF KK08 MXN
	8 x 10 mm	17	135		9	8			M 16 x 1	Standard	26SF KK10 MXX
										Nickel Plated	26SF KK10 MXN
	9 x 12 mm	17	142		9	8			M 16 x 1	Standard	26SF KK12 MXX
										Nickel Plated	26SF KK12 MXN

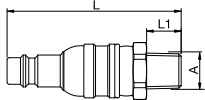
Plugs

RECTUS Series 26KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 1/8	14	31		7					Standard	26SF AW10 MXX
										Nickel Plated	26SF AW10 MXN
	G 1/4	17	33		9					Standard	26SF AW13 MXX
										Nickel Plated	26SF AW13 MXN
	G 3/8	19	33		9					Standard	26SF AW17 MXX
										Nickel Plated	26SF AW17 MXN
	G 1/2	24	38		12					Standard	26SF AW21 MXX
										Nickel Plated	26SF AW21 MXN
	M 14 x 1,5	17	35		10					Standard	26SF AD14 MXX
										Nickel Plated	26SF AD14 MXN
	M 16 x 1,5	19	36		11					Standard	26SF AD16 MXX
										Nickel Plated	26SF AD16 MXN
	M 18 x 1,5	22	37		11					Standard	26SF AD18 MXX
										Nickel Plated	26SF AD18 MXN
 Female Thread	G 1/8	14	30		7					Standard	26SF IW10 MXX
										Nickel Plated	26SF IW10 MXN
	G 1/4	17	33		10					Standard	26SF IW13 MXX
										Nickel Plated	26SF IW13 MXN
	G 3/8	19	33		10					Standard	26SF IW17 MXX
										Nickel Plated	26SF IW17 MXN
	G 1/2	24	35		12					Standard	26SF IW21 MXX
										Nickel Plated	26SF IW21 MXN
	M 14 x 1,5	17	33		10					Standard	26SF IM14 MXX
										Nickel Plated	26SF IM14 MXN
	M 16 x 1,5	19	33		10					Standard	26SF IM16 MXX
										Nickel Plated	26SF IM16 MXN
	M 18 x 1,5	22	36		13					Standard	26SF IM18 MXX
										Nickel Plated	26SF IM18 MXN

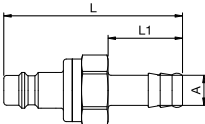
Plugs

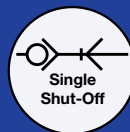
RECTUS Series 26KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Flex Joint, Male Thread	R 1/4	17	64		11					Nickel Plated	25FA AK13 SPN	

Recoil Eliminator

RECTUS Series 26KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	6 mm	21	60		25					Standard	26SR TF06 MXX	
										Nickel Plated	26SR TF06 MXN	
	8 mm	21	60		25					Standard	26SR TF08 MXX	
										Nickel Plated	26SR TF08 MXN	
	9 mm	21	60		25					Standard	26SR TF09 MXX	
										Nickel Plated	26SR TF09 MXN	
	10 mm	21	60		25					Standard	26SR TF10 MXX	
										Nickel Plated	26SR TF10 MXN	
	13 mm	21	60		25					Standard	26SR TF13 MXX	
										Nickel Plated	26SR TF13 MXN	

**Technical Description**

Japanese industrial profile.
Robust brass coupling with
above average flow volumes
and structure resistant to the
effects of external forces.

Advantages

Single handed operation.
Anti-corrosive.

Working Pressure

PB = 35 bar, maximum
static working pressure
with safety factor of 4 to 1.

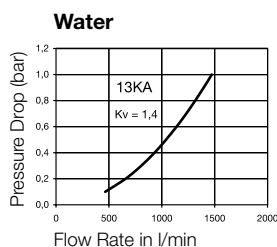
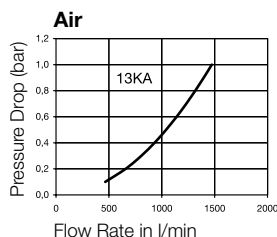
Interchangeability

RECTUS 03
NITTO-KOHKI 200
CEJN 314
CEJN 315

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below
-20°C and above +100°C
special seals are available
on request.

**Chart****Material****Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Pins
Seals

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR

Plug

Plug

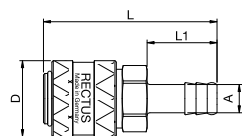
Steel Hardened, Nickel Plated

Couplings**RECTUS Series 13KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	22	49	27	12					Standard	13KA AK13 MPX
										Nickel Plated	13KA AK13 MPN
	R 3/8	22	49	27	12					Standard	13KA AK17 MPX
										Nickel Plated	13KA AK17 MPN
	R 1/2	22	53	27	17					Standard	13KA AK21 MPX
										Nickel Plated	13KA AK21 MPN
 Female Thread	G 1/4	22	45	27	9					Standard	13KA IW13 MPX
										Nickel Plated	13KA IW13 MPN
	G 3/8	22	45	27	9					Standard	13KA IW17 MPX
										Nickel Plated	13KA IW17 MPN
	G 1/2	24	48	27	12					Standard	13KA IW21 MPX
										Nickel Plated	13KA IW21 MPN

Couplings

RECTUS Series 13KA

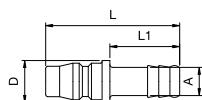


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm	21	62	27	25					Standard	13KA TF06 MPX
									Nickel Plated	13KA TF06 MPN
8 mm	21	62	27	25					Standard	13KA TF08 MPX
									Nickel Plated	13KA TF08 MPN
10 mm	21	62	27	25					Standard	13KA TF10 MPX
									Nickel Plated	13KA TF10 MPN
13 mm	21	62	27	25					Standard	13KA TF13 MPX
									Nickel Plated	13KA TF13 MPN

Plugs

RECTUS Series 13KA

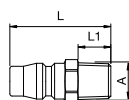


Hose Barb

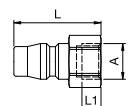
Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm		48	15	25					Standard	13SF TF06 SXN
8 mm		48	15	25					Standard	13SF TF08 SXN
10 mm		48	15	25					Standard	13SF TF10 SXN
13 mm		48	15	25					Standard	13SF TF13 SXN

Plugs

RECTUS Series 13KA

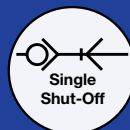


Male Thread



Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/4	14	37		12					Standard	13SF AK13 SXN
R 3/8	17	37		12					Standard	13SF AK17 SXN
R 1/2	22	44		17					Standard	13SF AK21 SXN
G 1/4	17	34		9					Standard	13SF IW13 SXN
G 3/8	19	34		9					Standard	13SF IW17 SXN

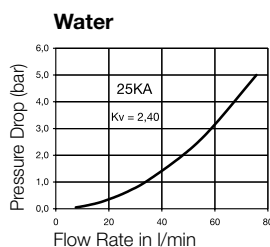
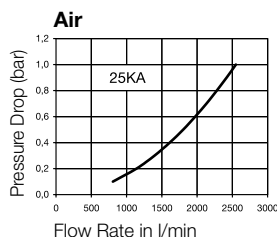
**Technical Description**

3/8" – 1/2" European industrial profile with UltraFlo technology. High flow performance. Notable for robust design and steel sleeve used with large pneumatic consumers. Also available in brass design.

Dust Caps (P. 331)

for coupling
for plug

Part-No. SK23S
Part-No. SK12S

**Chart****Advantages**

Single handed operation.
Tough construction.
UltraFlo technology.

Interchangeability

RECTUS 26
RECTUS 1600/1625
TEMA 1600
CEJN 320
JWL 520 + JWL 530
and various German products

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Inner Sleeve
Spring Plate
Spring and Locking Ring
Locking Balls
Seals

Plug

Plug

Working Pressure

PB = 35 bar, maximum
static working pressure
with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below
-20°C and above +100°C
special seals are available
on request.

Standard

Brass, Nickel Plated
Brass, Nickel Plated
Steel Hardened, Nickel Plated
Zinc Diecasting, Nickel Plated
Brass
Brass
AISI 301
AISI 420
NBR

Steel Hardened, Zinc Plated

actual size



You will find the following alternative
versions in our current catalogue on
page:

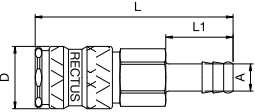
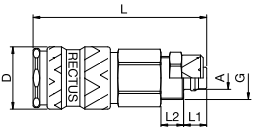
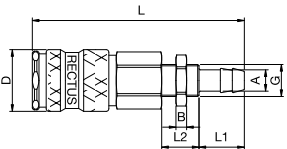
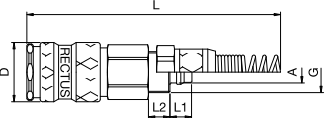
- ▶ Brass/Steel Double Shut-off P. 139
- ▶ Stainless Steel P. 192
- ▶ Safety P. 270
- ▶ Safety Self-Venting P. 290
- ▶ Coded Systems P. 303

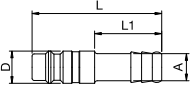
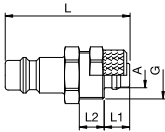
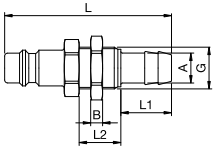
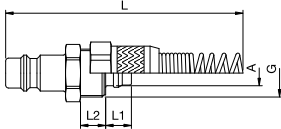
Couplings**RECTUS Series 25KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	19	60	23	12					Standard	25KA AK13 MPN
	R 3/8	19	60	23	12					Standard	25KA AK17 MPN
	R 1/2	22	61	23	17					Standard	25KA AK21 MPN
	M 14 x 1,5	19	59	23	10					Standard	25KA AD14 MPN
	M 16 x 1,5	19	60	23	11					Standard	25KA AD16 MPN
	M 18 x 1,5	19	60	23	11					Standard	25KA AD18 MPN
 Female Thread	G 1/4	19	56	23	10					Standard	25KA IW13 MPN
	G 3/8	19	55	23	9					Standard	25KA IW17 MPN
	G 1/2	24	58	23	12					Standard	25KA IW21 MPN
	M 14 x 1,5	19	55	23	9					Standard	25KA IM14 MPN
	M 16 x 1,5	19	55	23	9					Standard	25KA IM16 MPN
	M 18 x 1,5	22	56	23	9					Standard	25KA IM18 MPN

Couplings

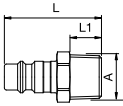
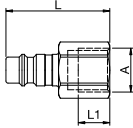
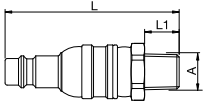
RECTUS Series 25KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	6 mm	19	74	23	25					Standard	25KA TF06 MPN	
	8 mm	19	74	23	25					Standard	25KA TF08 MPN	
	9 mm	19	74	23	25					Standard	25KA TF09 MPN	
	10 mm	19	74	23	25					Standard	25KA TF10 MPN	
	13 mm	19	74	23	25					Standard	25KA TF13 MPN	
	6 mm Parker	19	69	23	20					Standard	25KA TP06 MPN	
	10 mm Parker	19	73	23	24					Standard	25KA TP10 MPN	
	13 mm Parker	19	76	23	28					Standard	25KA TP13 MPN	
 Plastic Hose Connection	6 x 8 mm	19	61	23	7	6				Standard	25KA KO08 MPN	
	8 x 10 mm	19	65	23	9	8				Standard	25KA KO10 MPN	
	9 x 12 mm	19	65	23	9	8				Standard	25KA KO12 MPN	
 Panel Mount, Hose Barb	6 mm	19	76	23	17	10	17	4	M 12 x 1	Standard	25KA TS06 MPN	
	8 mm	19	80	23	17	14	17	4	M 12 x 1	Standard	25KA TS08 MPN	
	10 mm	19	87	23	25	14	17	4	G 1/4	Standard	25KA TS10 MPN	
 Plastic Hose Connection with Spring Guard	6 x 8 mm	19	144	23	7	6				Standard	25KA KK08 MPN	
	8 x 10 mm	19	155	23	9	8				Standard	25KA KK10 MPN	
	9 x 12 mm	19	162	23	9	8				Standard	25KA KK12 MPN	

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	6 mm		48	12	25					Standard	25SF TF06 SXZ	
	8 mm		48	12	25					Standard	25SF TF08 SXZ	
	9 mm		48	12	25					Standard	25SF TF09 SXZ	
	10 mm		48	12	25					Standard	25SF TF10 SXZ	
	13 mm		48	15	25					Standard	25SF TF13 SXZ	
 Plastic Hose Connection	4 x 6 mm		34	12	7	6			M 10 x 1	Standard	26SF KO06 MXX	
										Nickel Plated	26SF KO06 MXN	
	6 x 8 mm		34	12	7	6			M 12 x 1	Standard	26SF KO08 MXX	
										Nickel Plated	26SF KO08 MXN	
	8 x 10 mm	17	42		9	8			M 16 x 1	Standard	26SF KO10 MXX	
										Nickel Plated	26SF KO10 MXN	
 Panel Mount, Hose Barb	6 mm	14	56		17	14	17	4	M 12 x 1	Standard	26SF TS06 MXX	
										Nickel Plated	26SF TS06 MXN	
	8 mm	14	56		17	14	17	4	M 12 x 1	Standard	26SF TS08 MXX	
										Nickel Plated	26SF TS08 MXN	
	10 mm	17	56		17	14	19	4	M 14 x 1	Standard	26SF TS10 MXX	
										Nickel Plated	26SF TS10 MXN	
 Plastic Hose Connection with Spring Guard	4 x 6 mm		111	12	7	6			M 10 x 1	Standard	26SF KK06 MXX	
										Nickel Plated	26SF KK06 MXN	
	6 x 8 mm		120	12	7	6			M 10 x 1	Standard	26SF KK08 MXX	
										Nickel Plated	26SF KK08 MXN	
	8 x 10 mm	17	132		9	8			M 16 x 1	Standard	26SF KK10 MXX	
										Nickel Plated	26SF KK10 MXN	
	9 x 12 mm	17	139		9	8			M 16 x 1	Standard	26SF KK12 MXX	
										Nickel Plated	26SF KK12 MXN	

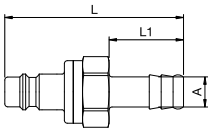
Plugs

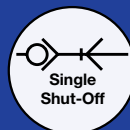
RECTUS Series 25KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/8	13	33	9						Standard	25SF AK10 SXZ
	R 1/4	14	36,5	12						Standard	25SF AK13 SXZ
	R 3/8	17	37	12						Standard	25SF AK17 SXZ
	R 1/2	22	43	17						Standard	25SF AK21 SXZ
	M 14 x 1,5	17	35	10						Standard	25SF AD14 SXZ
	M 16 x 1,5	19	36	10						Standard	25SF AD16 SXZ
	M 18 x 1,5	22	37	13						Standard	25SF AD18 SXZ
 Female Thread	G 1/8	14	30	5						Standard	25SF IW10 SXZ
	G 1/4	17	38,5	12						Standard	25SF IW13 SXZ
	G 3/8	19	39,5	12						Standard	25SF IW17 SXZ
	G 1/2	24	44	14						Standard	25SF IW21 SXZ
	M 14 x 1,5	17	33	8						Standard	25SF IM14 SXZ
	M 16 x 1,5	19	33	10						Standard	25SF IM16 SXZ
	M 18 x 1,5	22	36	13						Standard	25SF IM18 SXZ
 Flex Joint, Male Thread	R 1/4	17	64	11						Standard	25FA AK13 SPN

Recoil Eliminator

RECTUS Series 25KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	6 mm	21	60	25						Standard	26SR TF06 MXX
										Nickel Plated	26SR TF06 MXN
	8 mm	21	60	25						Standard	26SR TF08 MXX
										Nickel Plated	26SR TF08 MXN
	9 mm	21	60	25						Standard	26SR TF09 MXX
										Nickel Plated	26SR TF09 MXN
	10 mm	21	60	25						Standard	26SR TF10 MXX
										Nickel Plated	26SR TF10 MXN
	13 mm	21	60	25						Standard	26SR TF13 MXX
										Nickel Plated	26SR TF13 MXN

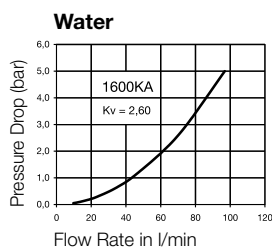
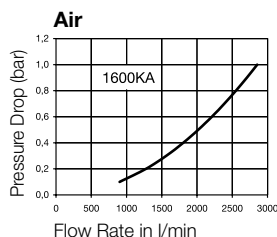
1600KA**48 mm² = 7,8****Technical Description**

Rectus Tema premium industrial coupling – the know-how from both brands combined in one system. European standard profile. High grade valve technology with optimum flow performance and minimum coupling forces. Suitable for compressed air applications with above average air consumption.

Dust Caps (P. 331)

for coupling
for plug

Part.-No. SK23S
Part.-No. SK12S

**Chart****Advantages**

Single handed operation. High flow valve. Minimum coupling forces.

Interchangeability

RECTUS 25 + 26
RECTUS 1625
TEMA 1600
CEJN 320
JWL 520 + JWL 530
various German products

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring
Locking Ring and
Locking Balls
Seals

Plug

Plug

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Standard

Brass, Nickel Plated
Steel, QPQ treated
Brass, Nickel Plated
Brass
AISI 301
AISI 420

NBR

Steel Hardened and
Zinc-Plated



You will find the following alternative versions in our current catalogue on page:

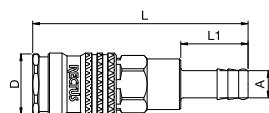
- ▶ Stainless Steel P. 192
- ▶ Safety Self-Venting P. 290

Couplings**RECTUS Series 1600KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	19	65	23	12					Standard	1600KA AK13 SPN
	R 3/8	19	65	23	12					Standard	1600KA AK17 SPN
	R 1/2	22	59,5	23	17					Standard	1600KA AK21 SPN
 Female Thread	G 1/4	19	59	23	9					Standard	1600KA IW13 SPN
	G 3/8	19	59	23	9					Standard	1600KA IW17 SPN
	G 1/2	24	62	23	12					Standard	1600KA IW21 SPN

Couplings

RECTUS Series 1600KA

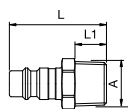


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm	19	80	23	25					Standard	1600KA TF06 SPN
8 mm	19	80	23	25					Standard	1600KA TF08 SPN
9 mm	19	80	23	25					Standard	1600KA TF09 SPN
10 mm	19	80	23	25					Standard	1600KA TF10 SPN
13 mm	19	80	23	25					Standard	1600KA TF13 SPN

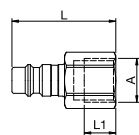
Plugs

RECTUS Series 25SF



Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/8	13	33		9					Standard	25SF AK10 SXZ
R 1/4	14	37		12					Standard	25SF AK13 SXZ
R 3/8	17	37		12					Standard	25SF AK17 SXZ
R 1/2	22	43		17					Standard	25SF AK21 SXZ
G 1/8	14	30		7					Standard	25SF IW10 SXZ
G 1/4	17	38,5		9					Standard	25SF IW13 SXZ
G 3/8	19	39,5		9					Standard	25SF IW17 SXZ
G 1/2	24	44		12					Standard	25SF IW21 SXZ



Female Thread

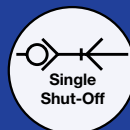
Plugs

RECTUS Series 25SF



Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm		48	12	25					Standard	25SF TF06 SXZ
8 mm		48	12	25					Standard	25SF TF08 SXZ
9 mm		48	12	25					Standard	25SF TF09 SXZ
10 mm		48	12	25					Standard	25SF TF10 SXZ
13 mm		48	15	25					Standard	25SF TF13 SXZ

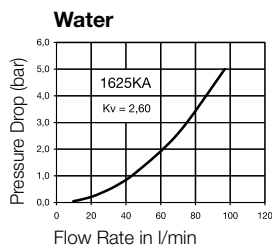
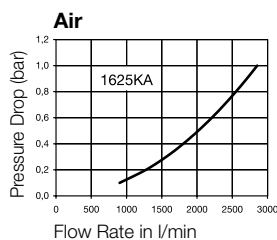
1625KA**48 mm² = 7,8****Technical Description**

Rectus Terna premium industrial coupling – the know-how from both brands combined in one system. European standard profile. High grade valve technology with optimum flow performance and minimum coupling forces. Extremely robust 2-component thermoplastic sleeve. Suitable for compressed air applications with above average air consumption.

Dust Caps (P. 331)

for coupling
for plug

Part.-No. SK23S
Part.-No. SK12S

**Chart****Advantages**

Single handed operation. High flow valve. Minimum coupling forces.

Interchangeability

RECTUS 25 + 26
RECTUS 1600
TEMA 1600
CEJN 320
JWL 520 + JWL 530
various German products

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +40°C (NBR)
-20°C up to +40°C (EPDM)
-20°C up to +40°C (FKM)
depending on the medium.

*At a temperature below -20°C and above 40°C special seals are available on request.

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring
Locking Ring and
Locking Balls
Seals

Standard

Brass, Nickel Plated
Steel, QPQ treated
PA6 + TPE
Brass
AISI 301
AISI 420

NBR

Plug

Plugs

Steel Hardened and
Zinc-Plated



You will find the following alternative versions in our current catalogue on page:

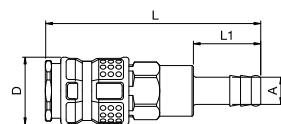
- ▶ Stainless Steel P. 192
- ▶ Safety Self-Venting P. 290

Couplings**RECTUS Series 1625KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	19	65	26	12					Standard	1625KA AK13 SPN
	R 3/8	19	65	26	12					Standard	1625KA AK17 SPN
	R 1/2	22	59,5	26	17					Standard	1625KA AK21 SPN
 Female Thread	G 1/4	19	59	26	9					Standard	1625KA IW13 SPN
	G 3/8	19	59	26	9					Standard	1625KA IW17 SPN
	G 1/2	24	62	26	12					Standard	1625KA IW21 SPN

Couplings

RECTUS Series 1625KA

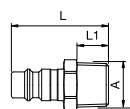


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm	19	80	26	25					Standard	1625KA TF06 SPN
8 mm	19	80	26	25					Standard	1625KA TF08 SPN
9 mm	19	80	26	25					Standard	1625KA TF09 SPN
10 mm	19	80	26	25					Standard	1625KA TF10 SPN
13 mm	19	80	26	25					Standard	1625KA TF13 SPN

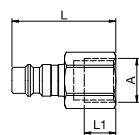
Plugs

RECTUS Series 25SF



Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/8	13	33		9					Standard	25SF AK10 SXZ
R 1/4	14	37		12					Standard	25SF AK13 SXZ
R 3/8	17	37		12					Standard	25SF AK17 SXZ
R 1/2	22	43		17					Standard	25SF AK21 SXZ
G 1/8	14	30		7					Standard	25SF IW10 SXZ
G 1/4	17	38,5		9					Standard	25SF IW13 SXZ
G 3/8	19	39,5		9					Standard	25SF IW17 SXZ
G 1/2	24	44		12					Standard	25SF IW21 SXZ



Female Thread

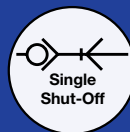
Plugs

RECTUS Series 25SF



Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm		48	12	25					Standard	25SF TF06 SXZ
8 mm		48	12	25					Standard	25SF TF08 SXZ
9 mm		48	12	25					Standard	25SF TF09 SXZ
10 mm		48	12	25					Standard	25SF TF10 SXZ
13 mm		48	15	25					Standard	25SF TF13 SXZ

**Technical Description**

Steel industrial coupling with high flow performance due to UltraFlo technology. Interchangeable with Atlas Copco profile. Specially suited to use with gaseous media in industry.

Advantages

Single handed operation.
Extremely high flow performance from optimum valve design.

Interchangeability

Atlas Copco QIC 10

Working Pressure

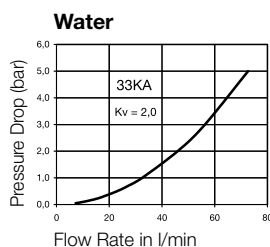
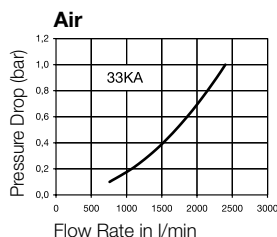
PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

* At a temperature below -20°C and above +100°C special seals are available on request.

actual size

**Chart****Material****Coupling**

Back Body
Valve Body
Sleeve
Valve
Inner Sleeve
Spring Plate
Spring and Locking Ring
Locking Balls
Seals

Plug

Plug

Standard

Brass, Nickel Plated
Steel, Zinc Plated
Steel Hardened, Nickel Plated
Brass
Brass
Brass
AISI 301
AISI 420
NBR

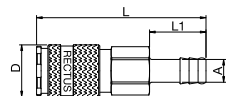
Steel Hardened, Zinc-Plated

Couplings**RECTUS Series 33KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	19	60	23	12					Standard	33KA AK13 SPN
	R 3/8	19	59	23	12					Standard	33KA AK17 SPN
	R 1/2	22	60	23	17					Standard	33KA AK21 SPN
 Female Thread	G 1/4	19	55	23	10					Standard	33KA IW13 SPN
	G 3/8	19	54	23	9					Standard	33KA IW17 SPN
	G 1/2	24	57	23	12					Standard	33KA IW21 SPN

Couplings

RECTUS Series 33KA



Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm	19	73	23	25					Standard	33KA TF06 SPN
8 mm	19	73	23	25					Standard	33KA TF08 SPN
10 mm	19	73	23	25					Standard	33KA TF10 SPN
13 mm	19	73	23	25					Standard	33KA TF13 SPN

Plugs

RECTUS Series 33KA

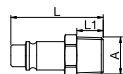


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm		52	14	25					Standard	33SF TF06 SXN
8 mm		52	14	25					Standard	33SF TF08 SXN
10 mm		52	15	25					Standard	33SF TF10 SXN
13 mm		52	15	25					Standard	33SF TF13 SXN

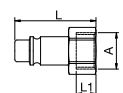
Plugs

RECTUS Series 33KA

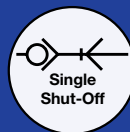


Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/8	14	40		9					Standard	33SF AK10 SXN
R 1/4	14	42		12					Standard	33SF AK13 SXN
R 3/8	17	42		12					Standard	33SF AK17 SXN
R 1/2	22	47		17					Standard	33SF AK21 SXN
G 1/8	14	34		7					Standard	33SF IW10 SXN
G 1/4	17	37		9					Standard	33SF IW13 SXN
G 3/8	17	37		9					Standard	33SF IW17 SXN
G 1/2	24	42		12					Standard	33SF IW21 SXN



Female Thread

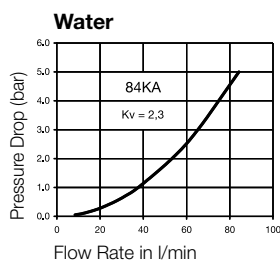
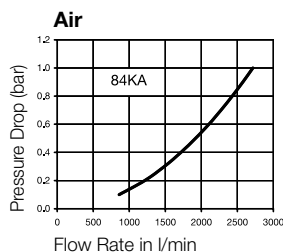
**Technical Description**

Extremely high flow values from UltraFlo technology. Optimum plug design due to greater insert depth and 6-way ball locking.

Dust Caps (P. 331)

for coupling
for plug

Part.-No. SK27S
Part.-No. SK12S

**Chart****Advantages**

Single handed operation.
Optimum plug locking.
Limited pressure loss.
High flow valve.

Interchangeability

ISO 6150 C

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Inner Sleeve
Spring Plate
Spring and Locking Ring
Locking Balls
Seals

Plug

Plug

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

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

* At a temperature below -20°C and above +100°C special seals are available on request.

Standard

Brass, Nickel Plated
Steel, Nickel Plated
Steel Hardened, Nickel Plated
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Steel Hardened, Nickel Plated

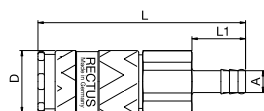
80% of actual size

**Couplings****RECTUS Series 84KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 1/4	27	83	29	12					Standard	84KA AW13 SPN
	G 3/8	27	83	29	12					Standard	84KA AW17 SPN
	G 1/2	27	83	29	15					Standard	84KA AW21 SPN
 Female Thread	G 3/8	27	81	29	14					Standard	84KA IW17 SPN

Couplings

RECTUS Series 84KA

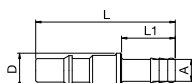


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
8 mm	27	97	29	25					Standard	84KA TF08 SPN
9 mm	27	97	29	25					Standard	84KA TF09 SPN
10 mm	27	97	29	25					Standard	84KA TF10 SPN
13 mm	27	97	29	25					Standard	84KA TF13 SPN
16 mm	27	97	29	25					Standard	84KA TF16 SPN

Plugs

RECTUS Series 84KA

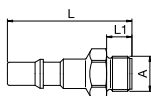


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
8 mm		65	16	25					Standard	84SF TF08 SXN
9 mm		65	16	25					Standard	84SF TF09 SXN
10 mm		65	16	25					Standard	84SF TF10 SXN
13 mm		65	16	25					Standard	84SF TF13 SXN
16 mm		65	16	25					Standard	84SF TF16 SXN

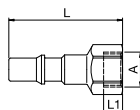
Plugs

RECTUS Series 84KA



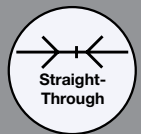
Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/4	17	57		12					Standard	84SF AW13 SXN
G 3/8	21	59		12					Standard	84SF AW17 SXN
G 1/2	21	64		15					Standard	84SF AW21 SXN



Female Thread

G 1/4	17	53		9					Standard	84SF IW13 SXN
G 3/8	19	54		9					Standard	84SF IW17 SXN

**Technical Description**

Modular coupling and plug without an integrated locking system for installation in multi-coupling systems (Series 08). Special coupling body with PTFE coating giving greater robustness, lower coupling forces, and resistance to liquid media.

Interchangeability

RECTUS Design

Working Pressure

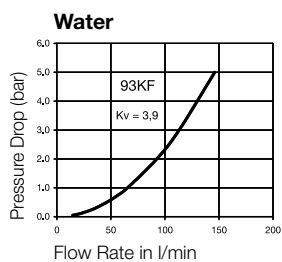
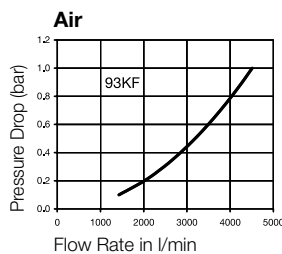
PB = 15 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-15°C up to +100°C (NBR)
-30°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM*)
0°C up to +316°C (FFKM*)
depending on the medium.

*At a temperature below -15°C and above +200°C special seals are available on request.

75% of actual size

**Chart****Material****Coupling**

Back Body
Valve Body

Valve
Spring and Locking Ring
Seals

Standard

Brass, Nickel Plated
Steel Hardened and
PTFE coated
Brass
AISI 301
FKM

Plug

Plug Profile

Back Body
Valve
Spring and Locking Ring
Seal

Steel Hardened and
PTFE coated
Brass, Nickel Plated
Brass
AISI 301
FKM

You will find the following alternative versions in our current catalogue on page:

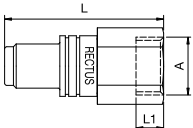
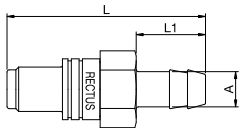
► Brass/Steel Dry-Break P. 174

Couplings**RECTUS Series 93KF**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Female Thread	G 1/2	24	48		10,1					Standard	93KF IW21 SVN
 Hose Barb	13 mm	24	62		17					Standard	93KF TF13 SVN

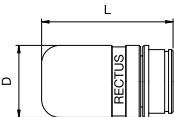
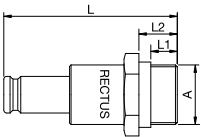
Valved Plugs

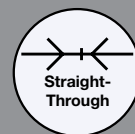
RECTUS Series 93KF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Female Thread	G 1/2	24	57,5		10,1					Standard	93SF IW21 SXN
 Hose Barb	13 mm	24	68,5		25					Standard	93SF TF13 SXN

Locking Coupling and Bolt

RECTUS Series 93KF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Locking Couplings			45								94KX
 Locking Bolts		24	58		13						94SX

**Technical Description**

Multi-coupling system as plate or individual components 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.

Advantages

The safety locking system prevents unintentional disconnection.

Interchangeability

RECTUS Design

Material Coupling

Plate with 2 Handles
8 Multi Couplings
Back Body
Valve Body
Inner Parts
Springs
Seals
Locking Rings
2 Locking Couplings

Plug

Plate
8 Multi-Plugs
Back Body
Plug
Inner Parts
Springs
Seals
Locking Rings
2 Locking Bolts

Working Pressure

PB = 15 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to 316°C (FFKM)

*At a temperature below -15°C and above +200°C special seals are available on request.

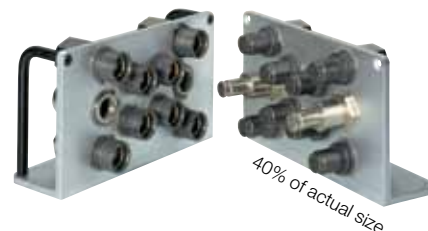
Standard

Aluminium, elox.

Brass, Nickel Plated
Steel Hardened, DNC-PTFE-coated
Brass
AISI 301
FKM
AISI 301
Steel Hardened, Nickel Plated

Aluminium, elox.

Brass, Nickel Plated
Steel Hardened, DNC-PTFE-coated
Brass
AISI 301
FKM
AISI 301
Steel Hardened, Nickel Plated



You will find the following alternative versions in our current catalogue on page:

► Brass/Steel Dry-Break

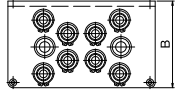
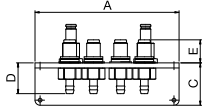
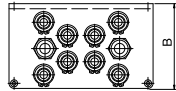
P. 176

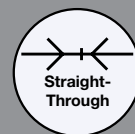
Couplings**RECTUS Series 08KF**

	Connection A	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	L mm	Version	Part Number
 Female Thread	G 1/2	170	100	50	30	18					Standard	08KF IW21 SVN
 Hose Barb	13 mm	170	100	50	44	18					Standard	08KF TF13 SVN

Plugs

RECTUS Series 08KF

	Connection A	A mm	B mm	C mm	D mm	E mm	F mm	G mm	H mm	L mm	Version	Part Number	
  Female Thread	G 1/2	170	100	50	30	27					Standard	08SF IW21 SXN	
  Hose Barb	13 mm	170	100	50	44	27					Standard	08SF TF13 SXN	

**Technical Description**

Brass coupling without valve.
Application area for pressures up to 150 bar. Especially suitable for applications with non-aggressive liquids.

Advantages

Anti-corrosive. High flow.
Minimum pressure drop.

Interchangeability

PARKER
HANSEN

Material**Coupling**

Back Body
Sleeve
Spring and Locking Rings
Locking Balls
Seals

Working Pressure

PB = 150 bar, maximum static working pressure with safety factor of 4 to 1.

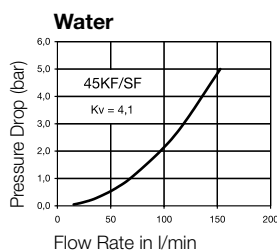
Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

* At a temperature below -20°C and above +100°C special seals are available on request.

Standard

Brass
Brass
AISI 301
AISI 420
NBR

**Chart****Plug**

Plug

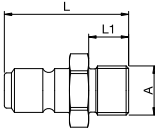
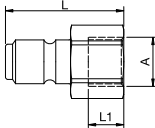
Steel Hardened, Nickel Plated

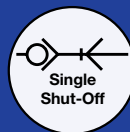
Couplings**RECTUS Series 45KF**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 1/4	24	43	28	13,5					Standard	45KF AW13 MPX
	G 3/8	24	43	28	13,5					Standard	45KF AW17 MPX
	G 1/2	30	50	35	16					Standard	45KF AW21 MPX
	G 3/4	36	60	42	19					Standard	45KF AW25 MPX
 Female Thread	G 1/4	24	37	28	13,5					Standard	45KF IW13 MPX
	G 3/8	24	37	28	14					Standard	45KF IW17 MPX
	G 1/2	30	45	35	16					Standard	45KF IW21 MPX
	G 3/4	36	55	42	19					Standard	45KF IW25 MPX

Plugs

RECTUS Series 45KF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Male Thread	G 1/4	19	42		13,5					Standard	45SF AW13 SXN	
 Female Thread	G 1/4	19	40		14					Standard	45SF IW13 SXN	
	G 3/8	22	42		13,5					Standard	45SF AW17 SXN	
	G 1/4	19	40		14					Standard	45SF IW13 SXN	
	G 3/8	22	40		14					Standard	45SF IW17 SXN	

**Technical Description**

3/8" US steel coupling system conforming to US Mil. Spec 4109. Robust design, steel valve bodies. Optimum plug design due to greater insert depth.

Advantages

Steel valve body for robust applications.

Interchangeability

Industrial. Interchange 3/8"
US-MIL-SPEC-C-4109
ISO 6150 B
GROMELLE 900
ARO
HANSEN 4000
PARKER 30 3/8"

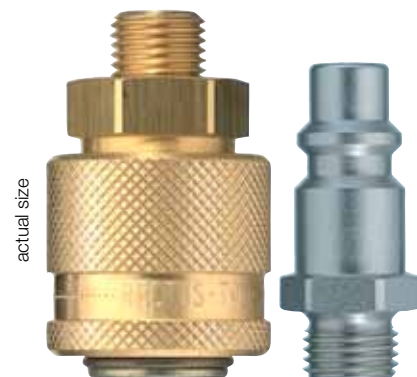
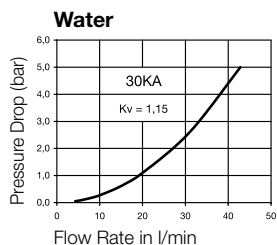
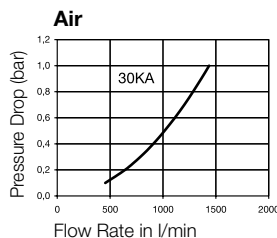
Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

**Chart****Material****Coupling**

Back Body
Valve Body

Sleeve
Valve

Spring and Locking Ring

Pins

Seals

Standard

Brass
Steel, Zinc
Chromatized

Brass
Brass

AISI 301
AISI 420

NBR

Nickel Plated

Brass, Nickel Plated
Steel, Zinc
Chromatized

Brass, Nickel Plated
Brass

AISI 301
AISI 420

NBR

Plug

Plug

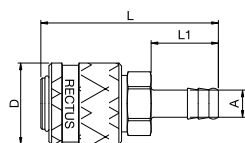
Steel Hardened, Nickel Plated

Couplings**RECTUS Series 30KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 1/4	22	49	30	9					Standard	30KA AW13 SPX
										Nickel Plated	30KA AW13 SPN
	G 3/8	22	49	30	9					Standard	30KA AW17 SPX
										Nickel Plated	30KA AW17 SPN
	G 1/2	22	52	30	12					Standard	30KA AW21 SPX
										Nickel Plated	30KA AW21 SPN
 Female Thread	G 1/4	22	49	30	11					Standard	30KA IW13 SPX
										Nickel Plated	30KA IW13 SPN
	G 3/8	22	49	30	9					Standard	30KA IW17 SPX
										Nickel Plated	30KA IW17 SPN
	G 1/2	22	52	30	12					Standard	30KA IW21 SPX
										Nickel Plated	30KA IW21 SPN

Couplings

RECTUS Series 30KA

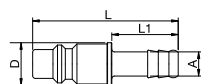


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm	21	66	30	25					Standard	30KA TF06 SPX
									Nickel Plated	30KA TF06 SPN
8 mm	21	66	30	25					Standard	30KA TF08 SPX
									Nickel Plated	30KA TF08 SPN
10 mm	21	66	30	25					Standard	30KA TF10 SPX
									Nickel Plated	30KA TF10 SPN
13 mm	21	66	30	25					Standard	30KA TF13 SPX
									Nickel Plated	30KA TF13 SPN

Plugs

RECTUS Series 30KA

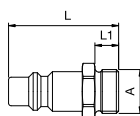


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm		55	16	25					Standard	30SF TF06 SXN
8 mm		55	16	25					Standard	30SF TF08 SXN
10 mm		55	16	25					Standard	30SF TF10 SXN
13 mm		55	16	25					Standard	30SF TF13 SXN

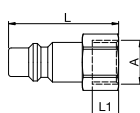
Plugs

RECTUS Series 30KA



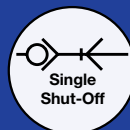
Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/4	17	42		9					Standard	30SF AW13 SXN
G 3/8	19	42		9					Standard	30SF AW17 SXN
G 1/2	24	46		12					Standard	30SF AW21 SXN



Female Thread

G 1/4	17	40		10					Standard	30SF IW13 SXN
G 3/8	19	42		10					Standard	30SF IW17 SXN
G 1/2	24	43		12					Standard	30SF IW21 SXN

**Technical Description**

Brass coupling system produced for raw applications. Ergonomic sleeve design prevents dirt on the valve body. The system is suitable for use with non-aggressive liquid media.

Advantages

Single handed operation.
Anti-corrosive.

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Interchangeability

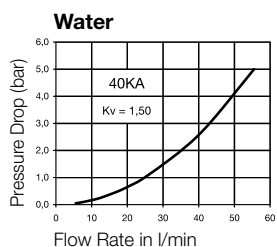
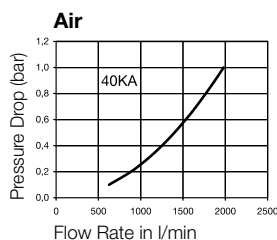
ARO 310
ORION 44520
ORION 44530

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium

*At a temperature below -20°C and above +100°C special seals are available on request.

90% of actual size

**Chart****Material****Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Pins
Seals

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR

Plug

Plug

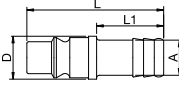
Steel Hardened, Nickel Plated

Couplings**RECTUS Series 40KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Female Thread	G 3/8	27	46	32	10					Standard	40KA IW17 MPX
										Nickel Plated	40KA IW17 MPN
	G 1/2	27	46	32	11					Standard	40KA IW21 MPX
										Nickel Plated	40KA IW21 MPN

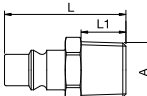
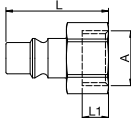
Plugs

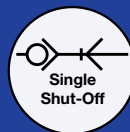
RECTUS Series 40KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	6 mm		51	16	25					Standard	40SF TF06 SXN	
	8 mm		51	16	25					Standard	40SF TF08 SXN	
	10 mm		51	16	25					Standard	40SF TF10 SXN	
	13 mm		51	16	25					Standard	40SF TF13 SXN	
	19 mm		51	21	25					Standard	40SF TF19 SXN	

Plugs

RECTUS Series 40KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Male Thread	R 3/8	16	40		12					Standard	40SF AK17 SXN	
	R 1/2	16	46		17					Standard	40SF AK21 SXN	
	R 3/4	16	51		19					Standard	40SF AK26 SXN	
 Female Thread	G 3/8	19	35		9					Standard	40SF IW17 SXN	
	G 1/2	24	39		12					Standard	40SF IW21 SXN	

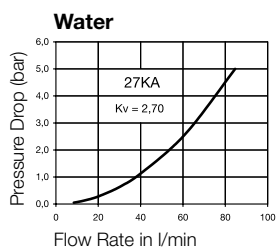
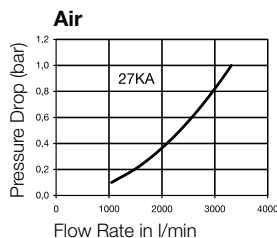
**Technical Description**

1/2" European industrial profile with UltraFlo technology. High flow performance. Notable for robust design with steel sleeve in use with large pneumatic consumers. Also available in brass.

Dust Caps (P. 331)

for coupling
for plug

Part.-No. SK27S
Part.-No. SK16S

**Chart****Advantages**

Single handed operation. Low pressure drop. No damage to the valve body from binding design. High flow valve.

Interchangeability

RECTUS 41
RECTUS 1700
RECTUS 1727
TEMA 1700
CEJN 410

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM*)
0°C up to +316°C (FFKM*)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Inner Sleeve
Spring Plate
Spring and Locking Ring
Locking Balls
Seals

Plug

Plug

Standard

Brass, Nickel Plated
Brass, Nickel Plated
Steel Hardened, Nickel Plated
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Steel Hardened, Nickel Plated

90% of actual size



You will find the following alternative versions in our current catalogue on page:

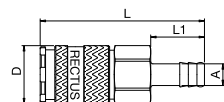
- ▶ Brass/Steel Double Shut-off P. 145
- ▶ Stainless Steel P. 196
- ▶ Safety Self-Venting P. 292

Couplings**RECTUS Series 27KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	24	63	27	12					Standard	27KA AK13 MPN
	R 3/8	24	63	27	12					Standard	27KA AK17 MPN
	R 1/2	24	65	27	17					Standard	27KA AK21 MPN
	R 3/4	27	65	27	17					Standard	27KA AK26 MPN
 Female Thread	G 1/4	24	56	27	10					Standard	27KA IW13 MPN
	G 3/8	24	56	27	11					Standard	27KA IW17 MPN
	G 1/2	24	56	27	12					Standard	27KA IW21 MPN
	G 3/4	27	60	27	16					Standard	27KA IW26 MPN

Couplings

RECTUS Series 27KA

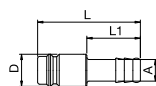


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm	24	76	27	25					Standard	27KA TF06 MPN
8 mm	24	76	27	25					Standard	27KA TF08 MPN
9 mm	24	76	27	25					Standard	27KA TF09 MPN
10 mm	24	76	27	25					Standard	27KA TF10 MPN
13 mm	24	76	27	25					Standard	27KA TF13 MPN
16 mm	24	76	27	20					Standard	27KA TF16 MPN
19 mm	24	76	27	25					Standard	27KA TF19 MPN

Plugs

RECTUS Series 27KA

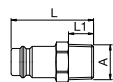


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm		48	15	25					Standard	27SF TF06 SXN
8 mm		48	15	25					Standard	27SF TF08 SXN
9 mm		48	15	25					Standard	27SF TF09 SXN
10 mm		48	15	25					Standard	27SF TF10 SXN
13 mm		48	15	25					Standard	27SF TF13 SXN
16 mm		48	18	25					Standard	27SF TF16 SXN
19 mm		49	21	25					Standard	27SF TF19 SXN

Plugs

RECTUS Series 27KA



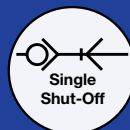
Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/4	17	40		12					Standard	27SF AK13 SXN
R 3/8	17	40		12					Standard	27SF AK17 SXN
R 1/2	22	45		17					Standard	27SF AK21 SXN
R 3/4	27	48		19					Standard	27SF AK26 SXN



Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/4	17	33		9					Standard	27SF IW13 SXN
G 3/8	19	33		12					Standard	27SF IW17 SXN
G 1/2	24	37		12					Standard	27SF IW21 SXN
G 3/4	32	42		16					Standard	27SF IW26 SXN

1700KA80 mm² = **10****Technical Description**

Premium industrial coupling in nominal diameter 10 with high grade valve technology and unprecedented flow values and minimum coupling forces. Especially suited to compressed air applications with above average air consumption.

Dust Caps (P. 331)

for coupling
for plug

Part.-No. SK27S
Part.-No. SK16S

**Advantages**

Single handed operation.
High flow valve. Minimum coupling forces.

Interchangeability

RECTUS 27
RECTUS 1727
TEMA 1700
CEJN 410

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring
Locking Ring and
Locking Balls
Seals

Standard

Brass, Nickel Plated
Steel, QPQ treated
Brass, Nickel Plated
Brass
AISI 301
AISI 420

NBR

Plug

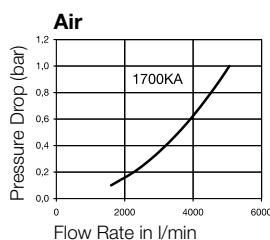
Plug

Steel Hardened, Zinc-Plated



You will find the following alternative versions in our current catalogue on page:

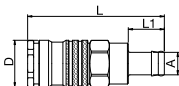
- ▶ Brass/Steel Double Shut-off P. 148
- ▶ Stainless Steel P. 196
- ▶ Safety Self-Venting P. 292

Chart**Couplings****RECTUS Series 1700KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 3/8	24	70	27	12					Standard	1700KA AK17 SPN
	R 1/2	24	75	27	17					Standard	1700KA AK21 SPN
	R 3/4	27	64	27	17					Standard	1700KA AK26 SPN
 Female Thread	G 3/8	24	64,5	27	10					Standard	1700KA IW17 SPN
	G 1/2	24	68	27	11					Standard	1700KA IW21 SPN
	G 3/4	32	69	27	14					Standard	1700KA IW26 SPN

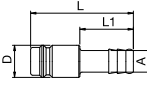
Couplings

RECTUS Series 1700KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	10 mm	24	80	27	21					Standard	1700KA TF10 SPN
	13 mm	24	80	27	21					Standard	1700KA TF13 SPN
	16 mm	24	80	27	21					Standard	1700KA TF16 SPN

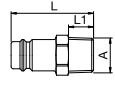
Plugs

RECTUS Series 27SF

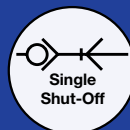
	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	6 mm		48	15	25					Standard	27SF TF06 SXN
	8 mm		48	15	25					Standard	27SF TF08 SXN
	9 mm		48	15	25					Standard	27SF TF09 SXN
	10 mm		48	15	25					Standard	27SF TF10 SXN
	13 mm		48	15	25					Standard	27SF TF13 SXN
	16 mm		48	18	25					Standard	27SF TF16 SXN
	19 mm		49	21	25					Standard	27SF TF19 SXN

Plugs

RECTUS Series 27SF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	17	40		12					Standard	27SF AK13 SXN
	R 3/8	17	40		12					Standard	27SF AK17 SXN
	R 1/2	22	45		17					Standard	27SF AK21 SXN
	R 3/4	27	48		19					Standard	27SF AK26 SXN
 Female Thread	G 1/4	17	33		9					Standard	27SF IW13 SXN
	G 3/8	19	33		12					Standard	27SF IW17 SXN
	G 1/2	24	37		12					Standard	27SF IW21 SXN
	G 3/4	32	42		16					Standard	27SF IW26 SXN

1727KA

80 mm² = 10**Technical Description**

Premium industrial coupling in nominal diameter 10 with high grade, resistant 2-component thermoplastic sleeve. Valve technology with unprecedented flow values and minimum coupling forces. Especially suited to compressed air applications with above average air consumption.

Dust Caps (P. 331)

for coupling
for plug

Part.-No. SK27S
Part.-No. SK16S

**Advantages**

Single handed operation.
High flow valve. Minimum coupling forces. Ergonomic thermo-plastic sleeve.

Interchangeability

RECTUS 27
RECTUS 1700
TEMA 1700
CEJN 410

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +40°C (NBR)
-20°C up to +40°C (EPDM)
-20°C up to +40°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +40°C special seals are available on request.

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring
Locking Ring and
Locking Balls
Seals

Standard

Brass, Nickel Plated
Steel, QPQ treated
PA6 + TPE
Brass
AISI 301
AISI 420

NBR

Plug

Plug

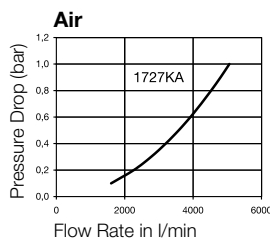
Steel Hardened and
Zinc-Plated

80% of actual size



You will find the following alternative versions in our current catalogue on page:

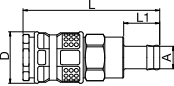
- ▶ Brass/Steel Double Shut-off P. 145
- ▶ Stainless Steel P. 196
- ▶ Safety Self-Venting P. 292

Chart**Couplings****RECTUS Series 1727KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 3/8	24	70	30	12					Standard	1727KA AK17 SPN
	R 1/2	24	75	30	17					Standard	1727KA AK21 SPN
	R 3/4	27	64	30	17					Standard	1727KA AK26 SPN
 Female Thread	G 3/8	24	64,5	30	10					Standard	1727KA IW17 SPN
	G 1/2	24	68	30	12					Standard	1727KA IW21 SPN
	G 3/4	32	69	30	14					Standard	1727KA IW26 SPN

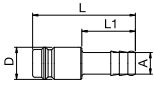
Couplings

RECTUS Series 1727KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	10 mm	24	80	30	21					Standard	1727KA TF10 SPN	
	13 mm	24	80	30	21					Standard	1727KA TF13 SPN	
	16 mm	24	80	30	21					Standard	1727KA TF16 SPN	

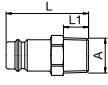
Plugs

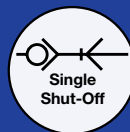
RECTUS Series 27SF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	6 mm		48	15	25					Standard	27SF TF06 SXN	
	8 mm		48	15	25					Standard	27SF TF08 SXN	
	9 mm		48	15	25					Standard	27SF TF09 SXN	
	10 mm		48	15	25					Standard	27SF TF10 SXN	
	13 mm		48	15	25					Standard	27SF TF13 SXN	
	16 mm		48	18	25					Standard	27SF TF16 SXN	
	19 mm		49	21	25					Standard	27SF TF19 SXN	

Plugs

RECTUS Series 27SF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Male Thread	R 1/4	17	40		12					Standard	27SF AK13 SXN	
	R 3/8	17	40		12					Standard	27SF AK17 SXN	
	R 1/2	22	45		17					Standard	27SF AK21 SXN	
	R 3/4	27	48		19					Standard	27SF AK26 SXN	
 Female Thread	G 1/4	17	33		9					Standard	27SF IW13 SXN	
	G 3/8	19	33		12					Standard	27SF IW17 SXN	
	G 1/2	24	37		12					Standard	27SF IW21 SXN	
	G 3/4	32	42		16					Standard	27SF IW26 SXN	

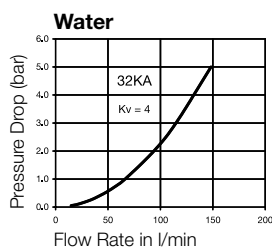
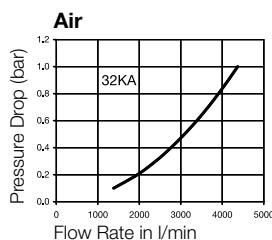
**Technical Description**

Industrial coupling with UltraFlo technology demonstrates high flow performance. Used widely in the Scandinavian market. Especially suitable for use with liquid and gaseous media in the industrial area.

Dust Caps (P. 331)

for coupling
for plug

Part.-No. SK27S
Part.-No. SK16S

**Chart****Advantages**

Single handed operation.
Extremely high flow performance.

Interchangeability

TEMA 1800 (Single Shut-Off)
CEJN 408

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Inner Sleeve
Spring Plate
Spring and Locking Ring
Pins
Seals

Plug

Plug

Working Pressure

PB = 35 bar, maximum
static working pressure
with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below
-20°C and above +100°C
special seals are available
on request.

Standard

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
Brass
Brass
AISI 301
AISI 420 C
NBR

Steel Hardened,
Zinc Chromatized

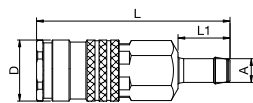
85% of actual size

**Couplings****RECTUS Series 32KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/2	23	69	27	13					Standard	32KA AK21 MPN
 Female Thread	G 3/8	23	65	27	10					Standard	32KA IW17 MPN
	G 1/2	25	65	27	7					Standard	32KA IW21 MPN

Couplings

RECTUS Series 32KA

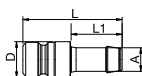


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
10 mm	24	82	27	23					Standard	32KA TF10 MPN
13 mm	24	82	27	24					Standard	32KA TF13 MPN
16 mm	24	82	27	24					Standard	32KA TF16 MPN
19 mm	24	82	27	24					Standard	32KA TF19 MPN

Plugs

RECTUS Series 32KA



Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm		44	16	23					Standard	32SF TF06 SXZ
8 mm		44	16	23					Standard	32SF TF08 SXZ
10 mm		44	16	23					Standard	32SF TF10 SXZ
13 mm		44	16	24					Standard	32SF TF13 SXZ
16 mm		44	18	24					Standard	32SF TF16 SXZ
19 mm		44	21	24					Standard	32SF TF19 SXZ

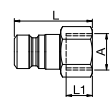
Plugs

RECTUS Series 32KA



Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/4	16	39		12					Standard	32SF AK13 SXZ
R 3/8	17	38		12					Standard	32SF AK17 SXZ
R 1/2	22	40		14					Standard	32SF AK21 SXZ
R 3/4	27	43		16					Standard	32SF AK26 SXZ



Female Thread

G 1/4	16	36		10					Standard	32SF IW13 SXZ
G 3/8	20	36		10					Standard	32SF IW17 SXZ
G 1/2	25	39		12					Standard	32SF IW21 SXZ

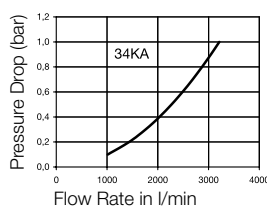
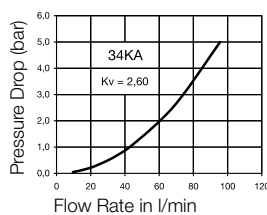
**Technical Description**

Industrial profile with UltraFlo technology. Interchangeable with Atlas Copco profiles. High flow performance. The robust design and steel sleeve make it optimal for use with large pneumatic consumers.

Dust Caps (P. 331)

for coupling

Part.-No. SK27S

**Chart****Air****Water****Advantages**

Single handed operation.
Low pressure drop. No damage to the valve body from binding design.

Interchangeability

Atlas Copco QIC 15

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Inner Sleeve
Spring Plate
Spring and Locking Ring
Locking Balls
Seals

Plug

Plug

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Standard

Brass, Nickel Plated
Steel, Nickel Plated
Steel Hardened, Nickel Plated
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Steel Hardened, Nickel Plated

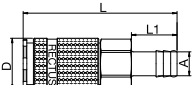
85% of actual size

**Couplings****RECTUS Series 34KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/2	24	70	28	12					Standard	34KA AK13 SPN
	R 3/8	24	70	28	12					Standard	34KA AK17 SPN
	R 1/2	24	72	28	12					Standard	34KA AK21 SPN
	R 3/4	27	72	28	12					Standard	34KA AK26 SPN
 Female Thread	G 1/4	24	64	28	9					Standard	34KA IW13 SPN
	G 3/8	24	64	28	12					Standard	34KA IW17 SPN
	G 1/2	24	64	28	12					Standard	34KA IW21 SPN

Couplings

RECTUS Series 34KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	6 mm	24	84	28	25					Standard	34KA TF06 SPN	
	8 mm	24	84	28	25					Standard	34KA TF08 SPN	
	10 mm	24	84	28	25					Standard	34KA TF10 SPN	
	13 mm	24	84	28	25					Standard	34KA TF13 SPN	
	16 mm	24	84	28	25					Standard	34KA TF16 SPN	
	19 mm	24	84	28	25					Standard	34KA TF19 SPN	

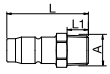
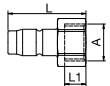
Plugs

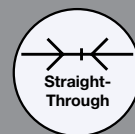
RECTUS Series 34KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	6 mm		55	15	25					Standard	34SF TF06 SXN	
	10 mm		55	15	25					Standard	34SF TF10 SXN	
	13 mm		55	15	25					Standard	34SF TF13 SXN	
	16 mm		55	18	25					Standard	34SF TF16 SXN	

Plugs

RECTUS Series 34KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Male Thread	R 1/4	17	46		12					Standard	34SF AK13 SXN	
	R 3/8	19	46		12					Standard	34SF AK17 SXN	
	R 1/2	22	52		17					Standard	34SF AK21 SXN	
 Female Thread	G 3/8	19	40		9					Standard	34SF IW17 SXN	
	G 1/2	24	44		12					Standard	34SF IW21 SXN	

**Technical Description**

Brass coupling without valve.
Application area for pressures up to 35 bar. Especially suitable for applications with non-aggressive liquids.

Advantages

Anti-corrosive. High flow.
Minimum pressure drop.

Working Pressure

PB = 35 bar, maximum
static working pressure
with safety factor of 4 to 1.

Interchangeability

RECTUS 27
CEJN 417

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below
-20°C and above +100°C
special seals are available
on request.

Material**Coupling**

Back Body
Sleeve
Spring and Locking Ring
Locking balls
Seals

Standard

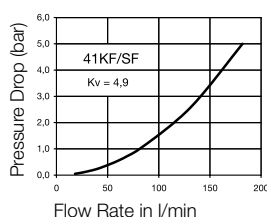
Brass, Nickel Plated
Brass, Nickel Plated
AISI 301
AISI 420
NBR

Plug

Plug

Brass, Nickel Plated

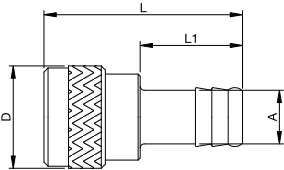
85% of actual size

**Chart****Water****Couplings****RECTUS Series 41KF**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 1/2		31	25	8					Standard	41KF AW21 MPN
	G 3/4		32,5	25	9					Standard	41KF AW26 MPN
 Female Thread	G 1/2	24	32,5	25	10					Standard	41KF IW21 MPN
	G 3/4	30	32,5	25	10					Standard	41KF IW26 MPN
	M 22 x 1	24	32,5	25	10					Standard	41KF IM22 MPN

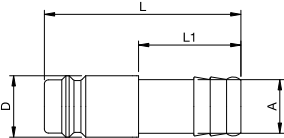
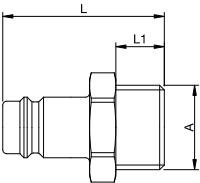
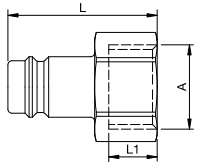
Couplings

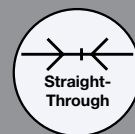
RECTUS Series 41KF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	10 mm		48,5	25	25					Standard	41KF TF10 MPN
	13 mm		48,5	25	25					Standard	41KF TF13 MPN
	16 mm		48,5	25	25					Standard	41KF TF16 MPN
	19 mm		48,5	25	25					Standard	41KF TF19 MPN

Plugs

RECTUS Series 41KF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	8 mm		48	15	25					Standard	41SF TF08 MXN
	10 mm		48	15	25					Standard	41SF TF10 MXN
	13 mm		48	15	25					Standard	41SF TF13 MXN
	16 mm		48	18	25					Standard	41SF TF16 MXN
	19 mm		48	21	25					Standard	41SF TF19 MXN
 Male Thread	G 1/2	24	40		12					Standard	41SF AW21 MXN
	G 3/4	32	45		16					Standard	41SF AW26 MXN
 Female Thread	G 1/2	24	37		12					Standard	41SF IW21 MXN
	G 3/4	32	42		16					Standard	41SF IW26 MXN
	M 22 x 1	24	36		12					Standard	41SF IM22 MXN

**Technical Description**

Brass coupling without valve.
Application area for pressures up to 35 bar. Especially suitable for applications with non-aggressive liquids. Chrome plated standard design.

Advantages

Anti-corrosive. High flow.
Minimum pressure drop.

Interchangeability

ABA

Material**Coupling**

Back Body
Sleeve
Spring and Locking Ring
Locking Pins
Seals

Plug

Plug

Working Pressure

PB = 35 bar, maximum
static working pressure
with safety factor of 4 to 1.

Working Temperature*

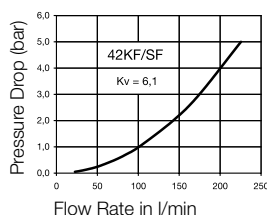
-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below
-20°C and above +100°C
special seals are available
on request.

Standard

Brass, Chrome Plated
Brass, Chrome Plated
AISI 301
AISI 304
NBR

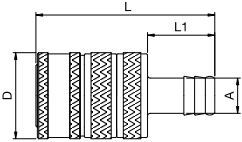
Brass, Chrome
Plated

**Chart****Water****Couplings****RECTUS Series 42KF**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 1/2		49	32	7,5					Standard	42KF AW21 MPC
	G 3/4		49	32	7,5					Standard	42KF AW26 MPC
 Female Thread	G 1/2		34	32	8					Standard	42KF IW21 MPC
	G 3/4		34	32	8					Standard	42KF IW26 MPC

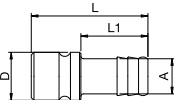
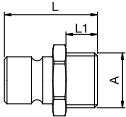
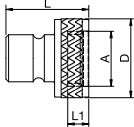
Couplings

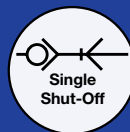
RECTUS Series 42KF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	9 mm		55	32	25					Standard	42KF TF09 MPC
	13 mm		55	32	25					Standard	42KF TF13 MPC
	19 mm		55	32	25					Standard	42KF TF19 MPC

Plugs

RECTUS Series 42KF

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	9 mm		48	15	25					Standard	42SF TF09 MXC
	13 mm		48	15	25					Standard	42SF TF13 MXC
	19 mm		48	15	25					Standard	42SF TF19 MXC
 Male Thread	G 1/2	24	35,5		12					Standard	42SF AW21 MXC
	G 3/4	32	42,5		16					Standard	42SF AW26 MXC
 Female Thread	G 1/2		31,5	30	8					Standard	42SF IW21 MXC
	G 3/4		31,5	30	8					Standard	42SF IW26 MXC

**Technical Description**

1/2" Coupling-System according to US-MIL-Spec. C-4109 made of brass. Plug design optimised through greater insert depth.

Advantages

Single handed operation.
Tough construction.

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

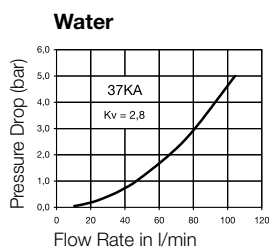
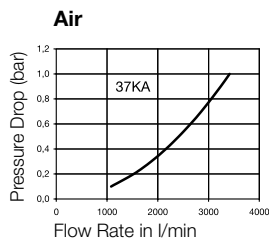
Interchangeability

Industrial Interchange 1/2"
US-MIL-Spec. C-4109 1/2"
ISO 6150-B-17
GROMELLE 1300
HANSEN 5000

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Chart**Material****Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Pins
Seals

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR

Plug

Plug

Steel Hardened, Nickel Plated

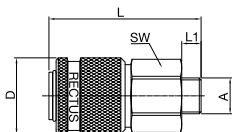
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You will find the following alternative versions in our current catalogue on page:

► Safety Self-Venting

P. 294

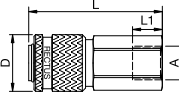
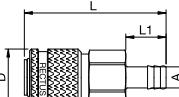
Couplings**RECTUS Series 37KA**

Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 3/8	30	70,5	35	9					Standard	37KA AW17 MPX
									Nickel Plated	37KA AW17 MPN
1/2 NPT	30	79	35	17					Standard	37KA AN21 MPX
									Nickel Plated	37KA AN21 MPN
G 1/2	30	76,5	35	12					Standard	37KA AW21 MPX
									Nickel Plated	37KA AW21 MPN
3/4 NPT	30	81	35	19					Standard	37KA AN26 MPX
									Nickel Plated	37KA AN26 MPN
G 3/4	30	77,5	35	13					Standard	37KA AW26 MPX
									Nickel Plated	37KA AW26 MPN

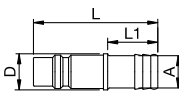
Couplings

RECTUS Series 37KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Female Thread	3/8 NPSF	30	76	35	14					Standard	37KA IN17 MPX	
										Nickel Plated	37KA IN17 MPN	
	1/2 NPSF	30	83	35	23					Standard	37KA IN21 MPX	
										Nickel Plated	37KA IN21 MPN	
	3/4 NPSF	32	84	35	24					Standard	37KA IN26 MPX	
										Nickel Plated	37KA IN26 MPN	
 Hose Barb	10 mm	30	86	35	25					Standard	37KA TF10 MPX	
										Nickel Plated	37KA TF10 MPN	
	13 mm	30	86	35	25					Standard	37KA TF13 MPX	
										Nickel Plated	37KA TF13 MPN	
	16 mm	30	86	35	25					Standard	37KA TF16 MPX	
										Nickel Plated	37KA TF16 MPN	
	19 mm	30	86	35	25					Standard	37KA TF19 MPX	
										Nickel Plated	37KA TF19 MPN	

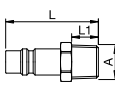
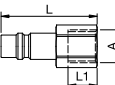
Plugs

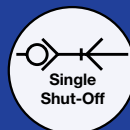
RECTUS Series 37KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	10 mm		62	17	25					Nickel Plated	37SF TF10 SXN	
	13 mm		62	17	25					Nickel Plated	37SF TF13 SXN	
	16 mm		62	18	25					Nickel Plated	37SF TF16 SXN	
	19 mm		72	21	35					Nickel Plated	37SF TF19 SXN	

Plugs

RECTUS Series 37KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Male Thread	R 3/8	17	53		12					Nickel Plated	37SF AK17 SXN	
	R 1/2	22	60		17					Nickel Plated	37SF AK21 SXN	
	R 3/4	27	61		19					Nickel Plated	37SF AK26 SXN	
 Female Thread	R 3/8	19	56		19					Nickel Plated	37SF IN17 SXN	
	G 1/2	24	50		10					Nickel Plated	37SF IW21 SXN	
	G 3/4	32	57		14					Nickel Plated	37SF IW26 SXN	

**Technical Description**

German industrial profile with UltraFlo technology. Optimum structure with respect to size and performance. Robust coupling in compressed air applications, especially for oscillating forces due to steel sleeve and steel valve bodies.

Advantages

Single handed operation.
Low pressure drop. UltraFlo technology. No damage to the valve body from binding design. High flow valve.

Interchangeability

WALTHER LP012

Working Pressure

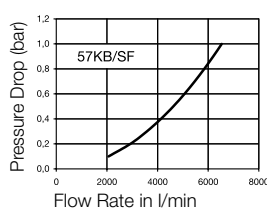
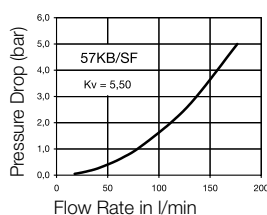
PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

55% of actual size

**Chart****Air****Water****Material****Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring Plate
Spring and Locking Ring
Locking Balls
Seals

Standard

Brass, Nickel Plated
Steel Hardened, Nickel Plated
Steel Hardened, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
AISI 301
AISI 420
NBR

Plug

Plug

Steel Nickel Plated

You will find the following alternative versions in our current catalogue on page:

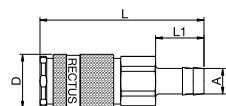
► Brass/Steel Double Shut-off P. 152

Couplings**RECTUS Series 57KB**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 1/2	34	98	40	12					Standard	57KB AW21 SPN
	G 3/4	34	100	40	16					Standard	57KB AW26 SPN
	G 1	41	100	40	19					Standard	57KB AW33 SPN
 Female Thread	G 1/2	34	100	40	19					Standard	57KB IW21 SPN
	G 3/4	34	100	40	16					Standard	57KB IW26 SPN
	G 1	41	101	40	20					Standard	57KB IW33 SPN

Couplings

RECTUS Series 57KB

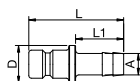


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
16 mm	34	122	40	36					Standard	57KB TF16 SPN
19 mm	34	122	40	36					Standard	57KB TF19 SPN

Plugs

RECTUS Series 57SF

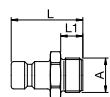


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
13 mm		63	28	28					Standard	57SF TF13 SXN
16 mm		71	28	36					Standard	57SF TF16 SXN
19 mm		71	28	36					Standard	57SF TF19 SXN

Plugs

RECTUS Series 57SF

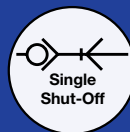


Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 3/8	27	49		12					Standard	57SF AW17 SXN
G 1/2	27	52		15					Standard	57SF AW21 SXN
G 3/4	32	55		17					Standard	57SF AW26 SXN
G 1	41	60		20					Standard	57SF AW33 SXN
G 1/2	27	48		15					Standard	57SF IW21 SXN
G 3/4	32	54		20					Standard	57SF IW26 SXN



Female Thread

**Technical Description**

Extremely robust steel coupling system with UltraFlo technology. Especially suitable in building or mining. Compact design prevents extreme dirtying on the sleeve and plug profile.

Advantages

Single handed operation. Low pressure drop. High flow valve.

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Interchangeability

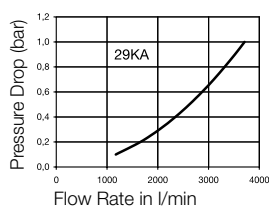
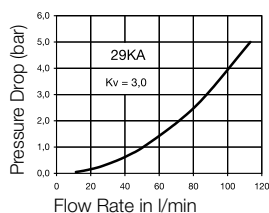
RECTUS Design

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

65% of actual size

**Chart****Air****Water****Material****Coupling**

Back Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals

Standard

Steel, Zinc Plated
Steel Hardened, Zinc Plated
Brass
AISI 301
AISI 420
NBR

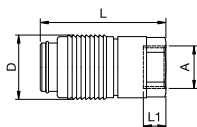
Plug

Plug

Steel Hardened, Zinc Plated

Couplings**RECTUS Series 29KA**

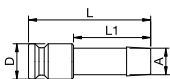
	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
	G 1/2	32	78	40	13					Standard	29KA IW21 SPZ
	G 3/4	32	78	40	16					Standard	29KA IW26 SPZ



Female Thread

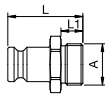
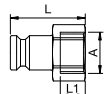
Plugs

RECTUS Series 29KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	13 mm		76	22	49					Standard	29SF TF13 SPZ
	19 mm	34	122	40	36					Standard	29SF TF19 SPZ

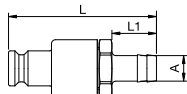
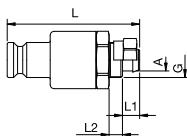
Plugs

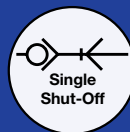
RECTUS Series 29KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 1/2	24	48		13					Standard	29SF AW21 SPZ
	G 3/4	32	48		14					Standard	29SF AW26 SPZ
 Female Thread	G 1/2	27	44		12					Standard	29SF IW21 SPZ
	G 3/4	32	48		16					Standard	29SF IW26 SPZ

Recoil Eliminator

RECTUS Series 29KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	13 mm	32	93		28					Standard	29SR TF13 SPZ
	19 mm	32	101		36					Standard	29SR TF19 SPZ
 Plastic Hose Connection	13 x 16 mm	32	83		11	8	24		M 22 x 1	Standard	29SR KO16 SPZ

**Technical Description**

Brass industrial profile with UltraFlo technology. Compact dimensions with high performance characteristics. Coupling can be used with numerous gaseous and liquid media.

Advantages

Compact construction. Extremely high flow performance due to the Rectus UltraFlo valve.

Interchangeability

HANSEN 6000

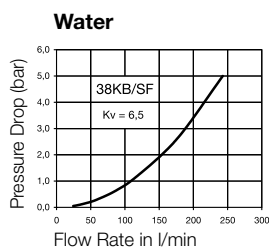
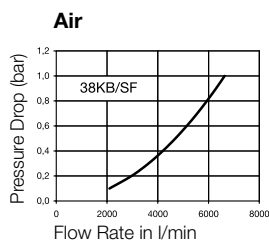
Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

**Chart****Material****Coupling**

Back Body
Valve Body
Sleeve
Valve
Inner Sleeve
Spring Plate
Spring and Locking Ring
Locking Balls
Seals

Standard

Brass
Brass
Brass
Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Plug

Plug

Brass

Brass, Nickel Plated

You will find the following alternative versions in our current catalogue on page:

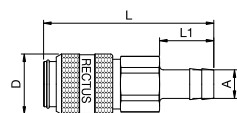
► Brass/Steel Double Shut-off P. 156

Couplings**RECTUS Series 38 KB**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 1/2	34	89	40	12					Standard	38KB AW21 MPX
										Nickel Plated	38KB AW21 MPN
	G 3/4	34	91	40	16					Standard	38KB AW26 MPX
										Nickel Plated	38KB AW26 MPN
	G 1	41	91	40	19					Standard	38KB AW33 MPX
										Nickel Plated	38KB AW33 MPN
 Female Thread	G 1/2	34	95	40	20					Standard	38KB IW21 MPX
										Nickel Plated	38KB IW21 MPN
	G 3/4	34	91	40	14					Standard	38KB IW26 MPX
										Nickel Plated	38KB IW26 MPN
	G 1	41	92	40	20					Standard	38KB IW33 MPX
										Nickel Plated	38KB IW33 MPN

Couplings

RECTUS Series 38KB

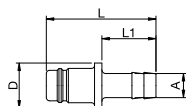


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
13 mm	34	105	40	28					Standard	38KB TF13 MPX
									Nickel Plated	38KB TF13 MPN
16 mm	34	113	40	36					Standard	38KB TF16 MPX
									Nickel Plated	38KB TF16 MPN
19 mm	34	113	40	36					Standard	38KB TF19 MPX
									Nickel Plated	38KB TF19 MPN
25 mm	34	109	40	36					Standard	38KB TF25 MPX
									Nickel Plated	38KB TF25 MPN

Plugs

RECTUS Series 38SF

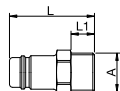


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
13 mm		65	30	28					Standard	38SF TF13 MXX
									Nickel Plated	38SF TF13 MXN
16 mm		73	30	36					Standard	38SF TF16 MXX
									Nickel Plated	38SF TF16 MXN
19 mm		73	30	36					Standard	38SF TF19 MXX
									Nickel Plated	38SF TF19 MXN
25 mm		76	30	36					Standard	38SF TF25 MXX
									Nickel Plated	38SF TF25 MXN

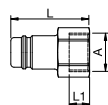
Plugs

RECTUS Series 38SF



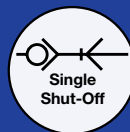
Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/2	24	54		12					Standard	38SF AW21 MXX
									Nickel Plated	38SF AW21 MXN
G 3/4	27	58		16					Standard	38SF AW26 MXX
									Nickel Plated	38SF AW26 MXN
G 1	36	63		19					Standard	38SF AW33 MXX
									Nickel Plated	38SF AW33 MXN



Female Thread

G 1/2	24	49		12					Standard	38SF IW21 MXX
									Nickel Plated	38SF IW21 MXN
G 3/4	30	54		18					Standard	38SF IW26 MXX
									Nickel Plated	38SF IW26 MXN
G 1	41	61		24					Standard	38SF IW33 MXX
									Nickel Plated	38SF IW33 MXN

**Technical Description**

Brass industrial profile with UltraFlo technology. Compact dimensions with high performance characteristics. Coupling can be used with numerous gaseous and liquid media.

Advantages

Compact construction. Extremely high flow performance due to the Rectus UltraFlo valve.

Interchangeability

HANSEN 7000

Working Pressure

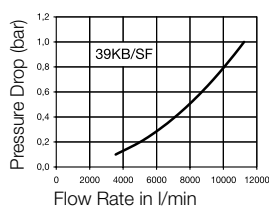
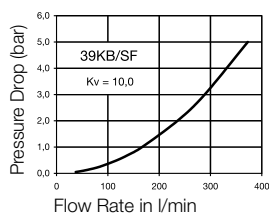
PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

50% of actual size

**Chart****Air****Water****Material**

Back Body
Valve Body
Sleeve
Valve
Inner Sleeve
Spring Plate
Spring and Locking Ring
Locking Balls
Seals

Standard

Brass
Brass
Brass
Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Plug

Plug

Brass

Brass, Nickel Plated

You will find the following alternative versions in our current catalogue on page:

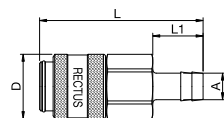
- Brass/Steel Double Shut-off P. 158
- Brass/Steel Dry-Break P. 180

Couplings**RECTUS Series 39KB**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 3/4	41	95	46	16					Standard	39KB AW26 MPX
										Nickel Plated	39KB AW26 MPN
	G 1	41	98	46	19					Standard	39KB AW33 MPX
										Nickel Plated	39KB AW33 MPN
	G 1 1/4	46	98	46	19					Standard	39KB AW42 MPX
										Nickel Plated	39KB AW42 MPN
 Female Thread	G 3/4	41	99	46	20					Standard	39KB IW26 MPX
										Nickel Plated	39KB IW26 MPN
	G 1	41	100	46	22					Standard	39KB IW33 MPX
										Nickel Plated	39KB IW33 MPN
	G 1 1/4	50	105	46	22					Standard	39KB IW42 MPX
										Nickel Plated	39KB IW42 MPN

Couplings

RECTUS Series 39KB

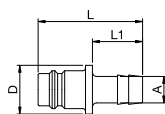


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
19 mm	41	115	46	36					Standard	39KB TF19 MPX
									Nickel Plated	39KB TF19 MPN
25 mm	41	125	46	48					Standard	39KB TF25 MPX
									Nickel Plated	39KB TF25 MPN

Plugs

RECTUS Series 39SF

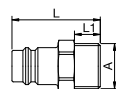


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
19 mm		75	35	36					Standard	39SF TF19 MXX
									Nickel Plated	39SF TF19 MXN
25 mm		87	35	48					Standard	39SF TF25 MXX
									Nickel Plated	39SF TF25 MXN

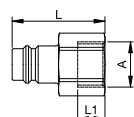
Plugs

RECTUS Series 39SF



Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 3/4	30	60		16					Standard	39SF AW26 MXX
									Nickel Plated	39SF AW26 MXN
G 1	34	65		19					Standard	39SF AW33 MXX
									Nickel Plated	39SF AW33 MXN
G 1 1/4	46	68		19					Standard	39SF AW42 MXX
									Nickel Plated	39SF AW42 MXN
G 3/4	32	58		16					Standard	39SF IW26 MXX
									Nickel Plated	39SF IW26 MXN
G 1	41	68		24					Standard	39SF IW33 MXX
									Nickel Plated	39SF IW33 MXN
G 1 1/4	50	70		26					Standard	39SF IW42 MXX
									Nickel Plated	39SF IW42 MXN



Female Thread



Life is already hard enough.



The design of RectusTema series 1600KA and 1625KA allows operation of the coupling systems with very little exertion. The innovative high-flow valve also ensures optimum flow.



Nominal Diameter

2,7 = 5 mm²

RECTUS Series

20KB



actual size

**Technical Description**

Mini industrial coupling, internationally used profile. Notable for a high flow and numerous application options with various media. Frequent use in medical technology and chemistry/pharmacy.

Advantages

Single handed operation.
Small dimensions.
Minimal pressure drop.

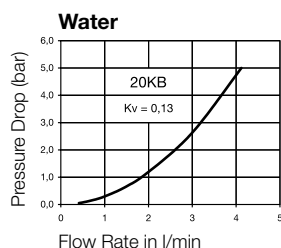
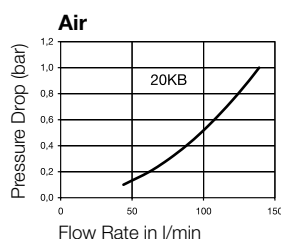
Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Chart

You will find the following alternative versions in our current catalogue on page:

- Brass/Steel Single Shut-off P. 26
- Stainless Steel P. 200

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
(Sleeve made of Aluminium, elox. on request)

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR

Plug

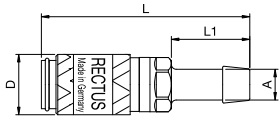
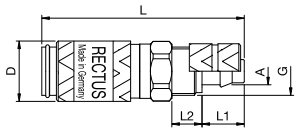
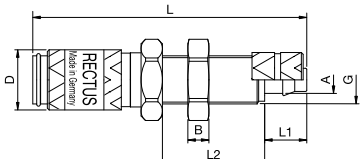
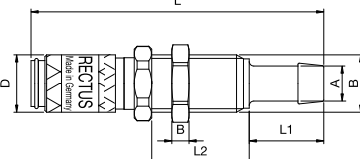
Plug Profile
Back Body
Valve
Spring
Seal

Brass
Brass
Brass
AISI 301
NBR

Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
NBR

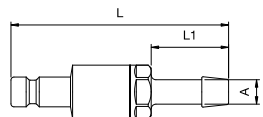
Couplings**RECTUS Series 20KB**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	M5	9	26	10	5					Standard	20KB AM05 MPX
										Nickel Plated	20KB AM05 MPN
	G 1/8	11	28	10	7					Standard	20KB AW10 MPX
										Nickel Plated	20KB AW10 MPN
 Female Thread	M5	9	26	10	5					Standard	20KB IM05 MPX
										Nickel Plated	20KB IM05 MPN
	G 1/8	12	28	10	7					Standard	20KB IW10 MPX
										Nickel Plated	20KB IW10 MPN

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	3 mm		35	10	13					Standard	20KB TF03 MPX
										Nickel Plated	20KBTF03MPN
	4 mm		35	10	13					Standard	20KB TF04 MPX
										Nickel Plated	20KB TF04 MPN
	5 mm		34	10	13					Standard	20KB TF05 MPX
										Nickel Plated	20KB TF05 MPN
 Plastic Hose Connection	3 x 4 mm	9	34	10	7	5				Standard	20KB KO04 MPX
										Nickel Plated	20KB KO04 MPN
	3 x 5 mm	9	34	10	7	5				Standard	20KB KO05 MPX
										Nickel Plated	20KB KO05 MPN
	4 x 6 mm	9	34	10	7	5				Standard	20KB KO06 MPX
										Nickel Plated	20KB KO06 MPN
 Panel Mount, Plastic Hose Connection	3 x 4 mm	12	45	10	7	17	11	3	M 7 x 0,5	Standard	20KB KS04 MPX
										Nickel Plated	20KB KS04 MPN
	3 x 5 mm	12	45	10	7	17	11	3	M 7 x 0,5	Standard	20KB KS05 MPX
										Nickel Plated	20KB KS05 MPN
	4 x 6 mm	12	45	10	7	17	12	3,5	M 8 x 0,5	Standard	20KB KS06 MPX
										Nickel Plated	20KB KS06 MPN
 Panel Mount, Hose Barb	3 mm	12	51	10	13	17	11	3	M 7 x 0,5	Standard	20KB TS03 MPX
										Nickel Plated	20KB TS03 MPN
	4 mm	12	51	10	13	17	11	3	M 7 x 0,5	Standard	20KB TS04 MPX
										Nickel Plated	20KB TS04 MPN

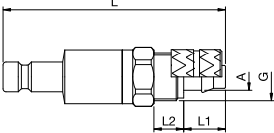
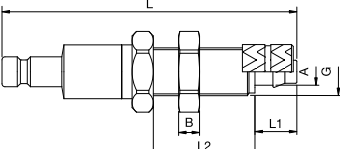
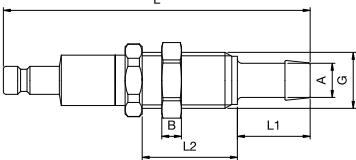
Valved Plugs

RECTUS Series 20KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	3 mm	8	36		13					Standard	20SB TF03 MPX
										Nickel Plated	20SB TF03 MPN
	4 mm	8	36		13					Standard	20SB TF04 MPX
										Nickel Plated	20SB TF04 MPN
	5 mm	8	36		13					Standard	20SB TF05 MPX
										Nickel Plated	20SB TF05 MPN

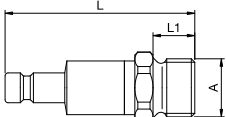
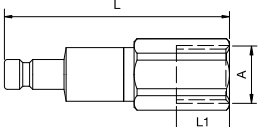
Valved Plugs

RECTUS Series 20KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Plastic Hose Connection	3 x 4 mm	9	30,5		7	5			M 7 x 0,5	Standard	20SB KO04 MPX
										Nickel Plated	20SB KO04 MPN
	3 x 5 mm	9	30,5		7	5			M 7 x 0,5	Standard	20SB KO05 MPX
										Nickel Plated	20SB KO05 MPN
	4 x 6 mm	9	30,5		7	5			M 8 x 0,5	Standard	20SB KO06 MPX
										Nickel Plated	20SB KO06 MPN
 Panel Mount, Plastic Hose Connection	3 x 4 mm	12	46,5		7	17	11	3	M 7 x 0,5	Standard	20SB KS04 MPX
										Nickel Plated	20SB KS04 MPN
	3 x 5 mm	12	46,5		7	17	11	3	M 7 x 0,5	Standard	20SB KS05 MPX
										Nickel Plated	20SB KS05 MPN
	4 x 6 mm	12	46,5		7	17	12	3,5	M 8 x 0,5	Standard	20SB KS06 MPX
										Nickel Plated	20SB KS06 MPN
 Panel Mount, Hose Barb	3 mm	12	52,5		13	17	11	3	M 7 x 0,5	Standard	20SB TS03 MPX
										Nickel Plated	20SB TS03 MPN
	4 mm	12	52,5		13	17	11	3	M 7 x 0,5	Standard	20SB TS04 MPX
										Nickel Plated	20SB TS04 MPN
	6 mm	12	46,5		13	17	12	3	M 10 x 1	Standard	20SB TS06 MPX
										Nickel Plated	20SB TS06 MPN

Valved Plugs

RECTUS Series 20KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	M 5	9	28		5					Standard	20SB AM05 MPX
										Nickel Plated	20SB AM05 MPN
	G 1/8	11	30		7					Standard	20SB AW10 MPX
										Nickel Plated	20SB AW10 MPN
 Female Thread	M 5	9	26		5					Standard	20SB IM05 MPX
										Nickel Plated	20SB IM05 MPN
	G 1/8	12	30		7					Standard	20SB IW10 MPX
										Nickel Plated	20SB IW10 MPN



Nominal Diameter

4,3 = 15 mm²

RECTUS Series

71KB



actual size



You will find the following alternative versions in our current catalogue on page:

- ▶ Stainless Steel P. 216
- ▶ Thermoplastic P. 256

Technical Description

The 71KB series plug profile conforms to ISO Standard 7241-1 series B and is compatible with other makes of the same standard.

Advantages

This is a coupling to be operated with two hands, i.e. the unlocking sleeve must be pushed back manually when coupling.

Working Pressure

PB = 250 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +200°C special seals are available on request.

Material**Coupling**

Coupling Body
Sleeve
Valve
Springs
Locking Balls
Seals
Valve Holder

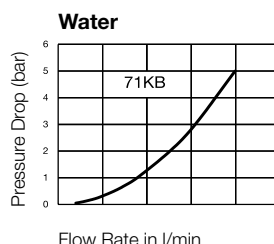
Brass Version

Brass
Brass
Brass
AISI 301
AISI 420 C
NBR
AISI 301

Plug

Plug Body
Valve
Springs
Seals
Valve Holder

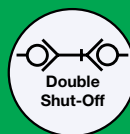
Brass
Brass
AISI 301
NBR
AISI 301

Chart**Couplings****RECTUS Series 71KB**

	Connection A	Hex SW	L mm	L1 mm	D mm	Working press. connected	Version	Seal	Part Number
 Female Thread	G 1/8	14	48,5	7	25	250 bar	Brass	NBR	71KB IW10 MPX

Plugs**RECTUS Series 71KB**

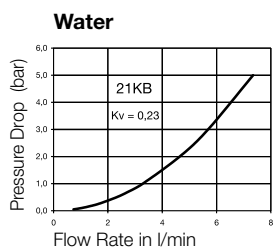
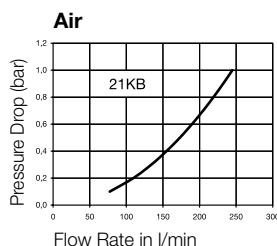
	Connection A	Hex SW	L mm	L1 mm	D mm	Working press. connected	Version	Seal	Part Number
 Female Thread	G 1/8	14	29,5	7	25	250 bar	Brass	NBR	71SB IW10 MPX

Double
Shut-Off**Technical Description**

Mini industrial coupling, internationally the most common profile for this nominal diameter, in double shut-off design. Above average flow performance for liquid and gaseous media. Large band width in materials and valve variants.

Dust Caps (P. 331)

for coupling Part.-No. SK16S

**Chart****Advantages**

Single handed operation.
Small dimensions. Reliable design.

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Materials**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR

Plug

Plug Profile
Back Body
Valve
Spring
Seal

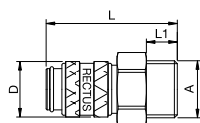
Brass
Brass
Brass
AISI 301
NBR

Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
NBR



You will find the following alternative versions in our current catalogue on page:

- ▶ Brass/Steel Single Shut-off P. 34
- ▶ Brass/Steel Dry-Break P. 164
- ▶ Stainless Steel P. 205
- ▶ Thermoplastics P. 242
- ▶ Safety P. 276
- ▶ Coded Systems P. 300

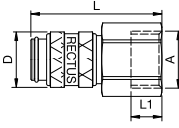
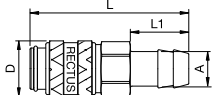
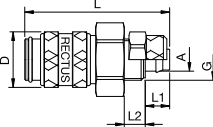
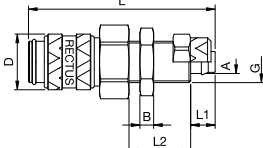
Couplings**RECTUS Series 21KB**

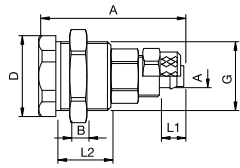
Male Thread

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
	G 1/8	14	36	16	7					Standard	21KB AW10 MPX
										Nickel Plated	21KB AW10 MPN
	G 1/4	17	38	16	9					Standard	21KB AW13 MPX
										Nickel Plated	21KB AW13 MPN
	G 3/8	19	38	16	9					Standard	21KB AW17 MPX
										Nickel Plated	21KB AW17 MPN
	M 10 x 1	14	37	16	8					Standard	21KB AD10 MPX
										Nickel Plated	21KB AD10 MPN
	M 12 x 1,5	17	39	16	10					Standard	21KB AD12 MPX
										Nickel Plated	21KB AD12 MPN
	M 14 x 1,5	17	39	16	10					Standard	21KB AD14 MPX
										Nickel Plated	21KB AD14 MPN

Couplings

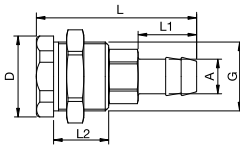
RECTUS Series 21KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Female Thread	G 1/8	14	36	16	9					Standard	21KB IW10 MPX	
										Nickel Plated	21KB IW10 MPN	
	G 1/4	17	38	16	9					Standard	21KB IW13 MPX	
										Nickel Plated	21KB IW13 MPN	
	G 3/8	19	38	16	9					Standard	21KB IW17 MPX	
										Nickel Plated	21KB IW17 MPN	
	M 12 x 1,5	17	38	16	6					Standard	21KB IM12 MPX	
										Nickel Plated	21KB IM12 MPN	
	M 14 x 1,5	17	38	16	6					Standard	21KB IM14 MPX	
										Nickel Plated	21KB IM14 MPN	
 Hose Barb	4 mm	14	46	16	17					Standard	21KB TF04 MPX	
										Nickel Plated	21KB TF04 MPN	
	5 mm	14	46	16	17					Standard	21KB TF05 MPX	
										Nickel Plated	21KB TF05 MPN	
	6 mm	14	46	16	17					Standard	21KB TF06 MPX	
										Nickel Plated	21KB TF06 MPN	
	8 mm	14	46	16	17					Standard	21KB TF08 MPX	
										Nickel Plated	21KB TF08 MPN	
	9 mm	14	46	16	17					Standard	21KB TF09 MPX	
										Nickel Plated	21KB TF09 MPN	
	10 mm	14	46	16	17					Standard	21KB TF10 MPX	
										Nickel Plated	21KB TF10 MPN	
 Plastic Hose Connection	4 x 6 mm	14	42	16	7	6			M 10 x 1	Standard	21KB KO06 MPX	
										Nickel Plated	21KB KO06 MPN	
	6 x 8 mm	14	42	16	7	6			M 12 x 1	Standard	21KB KO08 MPX	
										Nickel Plated	21KB KO08 MPN	
 Panel Mount, Plastic Hose Connection	4 x 6 mm	14	54	16	7	18	14	4	M 10 x 1	Standard	21KB KS06 MPX	
										Nickel Plated	21KB KS06 MPN	
	6 x 8 mm	17	54	16	7	18	17	4	M 12 x 1	Standard	21KB KS08 MPX	
										Nickel Plated	21KB KS08 MPN	



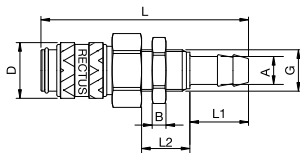
Front Panel Installation
Plastic Hose Panel Mount

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
4 x 6 mm	22	42	24	7	16	24	5	M 20 x 1	Standard	21KB KE06 MPX
									Nickel Plated	21KB KE06 MPN
6 x 8 mm	22	42	24	7	16	24	5	M 20 x 1	Standard	21KB KE08 MPX
									Nickel Plated	21KB KE08 MPN



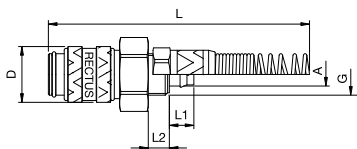
Front Panel Installation,
Hose Barb Panel Mount

4 mm	22	46	24	17	16	24	5	M 20 x 1	Standard	21KB TE04 MPX
									Nickel Plated	21KB TE04 MPN
6 mm	22	46	24	17	16	24	5	M 20 x 1	Standard	21KB TE06 MPX
									Nickel Plated	21KB TE06 MPN
9 mm	22	46	24	17	16	24	5	M 20 x 1	Standard	21KB TE09 MPX
									Nickel Plated	21KB TE09 MPN
10 mm	22	46	24	17	16	24	5	M 20 x 1	Standard	21KB TE10 MPX
									Nickel Plated	21KB TE10 MPN



Panel Mount,
Hose Barb

4 mm	14	60	16	17	14	14	4	M 10 x 1	Standard	21KB TS04 MPX
									Nickel Plated	21KB TS04 MPN
5 mm	17	60	16	17	14	17	4	M 12 x 1	Standard	21KB TS05 MPX
									Nickel Plated	21KB TS05 MPN
6 mm	17	60	16	17	14	17	4	M 12 x 1	Standard	21KB TS06 MPX
									Nickel Plated	21KB TS06 MPN
8 mm	17	60	16	17	14	17	4	M 12 x 1	Standard	21KB TS08 MPX
									Nickel Plated	21KB TS08 MPN
9 mm	17	60	16	17	14	19	4	M 12 x 1	Standard	21KB TS09 MPX
									Nickel Plated	21KB TS09 MPN

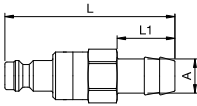
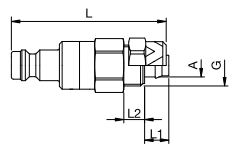
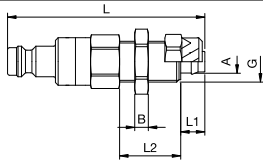
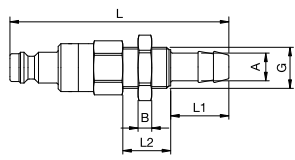
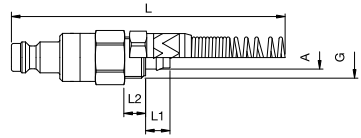


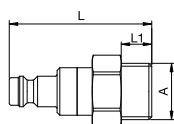
Plastic Hose Connection
with Spring Guard

4 x 6 mm	14	125	16	7	6			M 10 x 1	Standard	21KB KK06 MPX
									Nickel Plated	21KB KK06 MPN
6 x 8 mm	14	130	16	7	6			M 10 x 1	Standard	21KB KK08 MPX
									Nickel Plated	21KB KK08 MPN

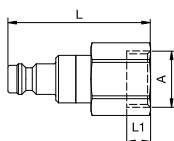
Valved Plugs

RECTUS Series 21KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	4 mm	14	50	17						Standard	21SB TF04 MPX	
										Nickel Plated	21SB TF04 MPN	
	5 mm	14	50	17						Standard	21SB TF05 MPX	
										Nickel Plated	21SB TF05 MPN	
	6 mm	14	50	17						Standard	21SB TF06 MPX	
										Nickel Plated	21SB TF06 MPN	
	8 mm	14	50	17						Standard	21SB TF08 MPX	
										Nickel Plated	21SB TF08 MPN	
	9 mm	14	50	17						Standard	21SB TF09 MPX	
										Nickel Plated	21SB TF09 MPN	
 Plastic Hose Connection	4 x 6 mm	14	46	7	6			M 10 x 1		Standard	21SB KO06 MPX	
										Nickel Plated	21SB KO06 MPN	
	6 x 8 mm	14	46	7	6			M 12 x 1		Standard	21SB KO08 MPX	
										Nickel Plated	21SB KO08 MPN	
 Panel Mount, Plastic Hose Connection	4 x 6 mm	14	58	7	18	12	3	M 10 x 1		Standard	21SB KS06 MPX	
										Nickel Plated	21SB KS06 MPN	
	6 x 8 mm	17	58	7	18	17	4	M 12 x 1		Standard	21SB KS08 MPX	
										Nickel Plated	21SB KS08 MPN	
 Panel Mount, Hose Barb	4 mm	14	64	17	14	14	4	M 10 x 1		Standard	21SB TS04 MPX	
										Nickel Plated	21SB TS04 MPN	
	6 mm	14	64	17	14	17	4	M 12 x 1		Standard	21SB TS06 MPX	
										Nickel Plated	21SB TS06 MPN	
	8 mm	14	64	17	14	17	4	M 12 x 1		Standard	21SB TS08 MPX	
										Nickel Plated	21SB TS08 MPN	
	10 mm	14	64	17	14	19	4	M 14 x 1		Standard	21SB TS10 MPX	
										Nickel Plated	21SB TS10 MPN	
 Plastic Hose Connection with Spring Guard	4 x 6 mm	14	130	7	6			M 10 x 1		Standard	21SB KK06 MPX	
										Nickel Plated	21SB KK06 MPN	
	6 x 8 mm	14	135	7	6			M 12 x 1		Standard	21SB KK08 MPX	
										Nickel Plated	21SB KK08 MPN	



Male Thread



Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/8	14	40		7					Standard	21SB AW10 MPX
									Nickel Plated	21SB AW10 MPN
	17	42		9					Standard	21SB AW13 MPX
									Nickel Plated	21SB AW13 MPN
	19	42		9					Standard	21SB AW17 MPX
									Nickel Plated	21SB AW17 MPN
M 10 x 1	14	41		8					Standard	21SB AD10 MPX
									Nickel Plated	21SB AD10 MPN
	17	43		10					Standard	21SB AD12 MPX
									Nickel Plated	21SB AD12 MPN
	17	43		10					Standard	21SB AD14 MPX
									Nickel Plated	21SB AD14 MPN
G 1/8	14	40		7					Standard	21SB IW10 MPX
									Nickel Plated	21SB IW10 MPN
	17	42		7					Standard	21SB IW13 MPX
									Nickel Plated	21SB IW13 MPN
	19	42		7					Standard	21SB IW17 MPX
									Nickel Plated	21SB IW17 MPN
M 12 x 1,5	17	42		7					Standard	21SB IM12 MPX
									Nickel Plated	21SB IM12 MPN
	17	42		7					Standard	21SB IM14 MPX
									Nickel Plated	21SB IM14 MPN



Nominal Diameter

6 = 30 mm²

RECTUS Series

51KB



actual size



Technical Description

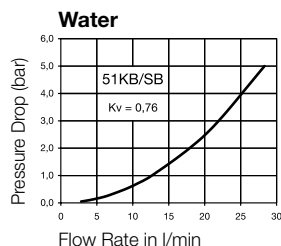
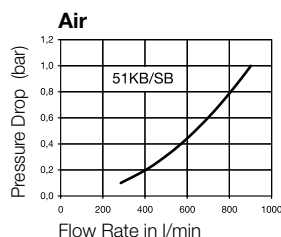
German industrial profile with UltraFlo technology. Slim design. Robust steel coupling for compressed air applications – especially for oscillating forces, due to greater insert depth of plug profile and steel sleeve.

Dust Caps (P. 331)

for coupling

Part.-No. SK23S

Chart



Advantages

Single handed operation. Ergonomic design. High flow valve.

Working Pressure

PB = 50 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium

*At a temperature below -20°C and above +100°C special seals are available on request.

Material

Coupling

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
Spring Plate

Standard

Brass, Nickel Plated
Brass, Nickel Plated
Steel Hardened, Nickel Plated
Brass, Nickel Plated
AISI 301
AISI 420
NBR
Brass

Plug

Plug Profile
Back Body
Valve
Spring
Seal
Spring Plate

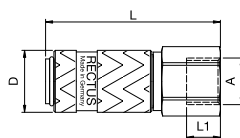
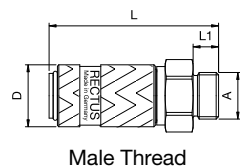
Steel Hardened, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
AISI 301
NBR
Brass

You will find the following alternative versions in our current catalogue on page:

► Brass/Steel Single Shut-off P. 62

Couplings

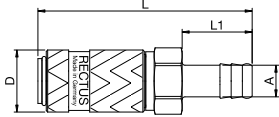
RECTUS Series 51KB



Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/4	22	61	22	9					Standard	51KB AW13 SPN
G 3/8	22	61	22	9					Standard	51KB AW17 SPN
G 1/2	22	61	22	12					Standard	51KB AW21 SPN
G 1/4	22	61	22	12					Standard	51KB IW13 SPN
G 3/8	22	61	22	12					Standard	51KB IW17 SPN
G 1/2	22	61	22	13					Standard	51KB IW21 SPN

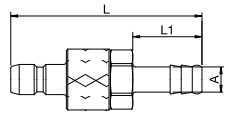
Couplings

RECTUS Series 51KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	6 mm	21	78	22	25					Standard	51KB TF06 SPN	
	9 mm	21	78	22	25					Standard	51KB TF09 SPN	
	13 mm	21	78	22	25					Standard	51KB TF13 SPN	

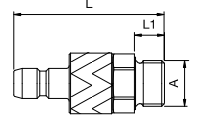
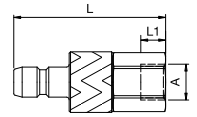
Valved Plugs

RECTUS Series 51KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	6 mm	21	65,5		25					Standard	51SB TF06 SPN	
	9 mm	21	65,5		25					Standard	51SB TF09 SPN	
	13 mm	21	65,5		25					Standard	51SB TF13 SPN	

Valved Plugs

RECTUS Series 51KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Male Thread	G 1/4	19	54		8					Standard	51SB AW13 SPN	
	G 3/8	22	49,5		9					Standard	51SB AW17 SPN	
	G 1/2	22	49,5		12					Standard	51SB AW21 SPN	
 Female Thread	G 1/4	22	51,5		12					Standard	51SB IW13 SPN	
	G 3/8	22	51,5		12					Standard	51SB IW17 SPN	



Nominal Diameter

6 = 30 mm²

RECTUS Series

52KB



actual size



Technical Description

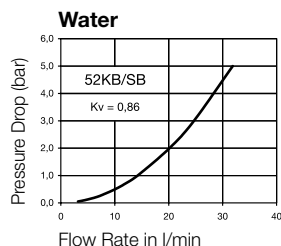
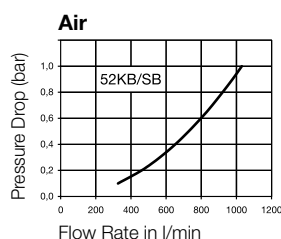
German industrial profile with UltraFlo technology. Slim design. Robust steel coupling for compressed air applications – especially for oscillating forces, due to greater insert depth of plug profile and steel sleeve.

Dust Caps (P. 331)

for coupling
for plug

Part.-No. SK23S
Part.-No. SK12S

Chart



Advantages

Single handed operation.
Ergonomic design. High flow valve.

Working Pressure

PB = 50 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Material

Coupling

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
Inner Sleeve
Spring Plate

Standard

Brass, Nickel Plated
Brass, Nickel Plated
Steel Hardened, Nickel Plated
Brass, Nickel Plated
AISI 301
AISI 420
NBR
Brass
Brass

Plug

Plug Profile
Back Body
Valve
Spring
Seal

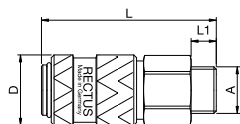
Steel Hardened, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
AISI 301
NBR

You will find the following alternative versions in our current catalogue on page:

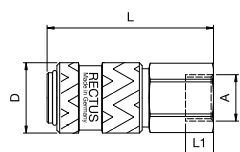
► Brass/Steel Single Shut-off P. 64

Couplings

RECTUS Series 52KB



Male Thread

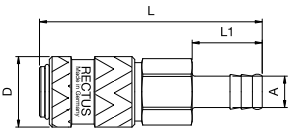


Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/4	22	62	25	9					Standard	52KB AW13 SPN
G 3/8	22	62	25	9					Standard	52KB AW17 SPN
G 1/2	22	65	25	12					Standard	52KB AW21 SPN
G 1/4	22	62	25	10					Standard	52KB IW13 SPN
G 3/8	22	60	25	10					Standard	52KB IW17 SPN
G 1/2	22	65	25	13					Standard	52KB IW21 SPN

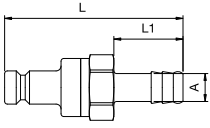
Couplings

RECTUS Series 52KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	6 mm	21	79	25	25					Standard	52KB TF06 SPN	
	9 mm	21	80	25	25					Standard	52KB TF09 SPN	
	10 mm	21	80	25	25					Standard	52KB TF10 SPN	
	11 mm	21	80	25	25					Standard	52KB TF11 SPN	
	13 mm	21	79	25	25					Standard	52KB TF13 SPN	

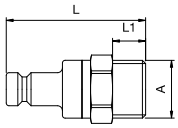
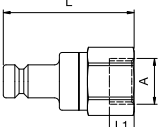
Valved Plugs

RECTUS Series 52KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	6 mm	21	77,5		25					Standard	52SB TF06 SPN	
	8 mm	21	77,5		25					Standard	52SB TF08 SPN	
	9 mm	21	77,5		25					Standard	52SB TF09 SPN	
	10 mm	21	77,5		25					Standard	52SB TF10 SPN	
		21	77,5		25					Standard	52SB TF13 SPN	

Valved Plugs

RECTUS Series 52KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Male Thread	G 1/4	22	48		9					Standard	52SB AW13 SPN	
	G 3/8	22	48		9					Standard	52SB AW17 SPN	
	G 1/2	22	48		12					Standard	52SB AW21 SPN	
 Female Thread	G 1/4	22	48		9					Standard	52SB IW13 SPN	
	G 3/8	22	48		9					Standard	52SB IW17 SPN	



Nominal Diameter

6,3 = 31 mm²

RECTUS Series

72KB


90% of actual size

**Technical Description**

The 72KB series plug profile conforms to ISO Standard 7241-1 series B and is compatible with other makes of the same standard.

Advantages

This is a coupling to be operated with two hands, i.e. the unlocking sleeve must be pushed back manually when coupling.

Working Pressure

PB = 200 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -40°C and above +200°C special seals are available on request.

Material**Coupling**

Coupling Body
Sleeve
Valve
Springs
Locking Balls
Seals
Valve Holder

Brass Version

Brass
Brass
Brass
AISI 301
AISI 420
NBR
AISI 301

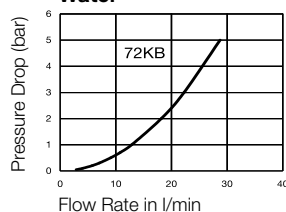
Plug

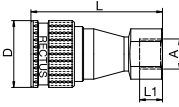
Plug Body
Valve
Springs
Seals
Valve Holder

Brass
Brass
AISI 301
NBR
AISI 301

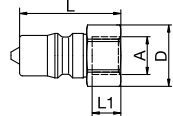
You will find the following alternative versions in our current catalogue on page:

- Stainless Steel P. 217
- Thermoplastic P. 257

Chart**Water****Couplings****RECTUS Series 72KB**

	Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working press. connected	Version	Seal	Part Number
 Female Thread	G 1/4	19	57,5	10	25	with	200 bar	Brass	NBR	72KB IW13 MPX

Plugs**RECTUS Series 72KB**

	Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working press. connected	Version	Seal	Part Number
 Female Thread	G 1/4	19	35	10		with	200 bar	Brass	NBR	72SB IW13 MPX



Nominal Diameter

7,2 = 40 mm²

RECTUS Series

26KB



actual size

**Technical Description**

European standard industrial profile. Universal brass coupling. Small massive design. Ergonomic sleeve design prevents dirt on the valve body.

Advantages

Single handed operation.
European standard.

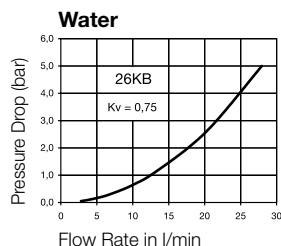
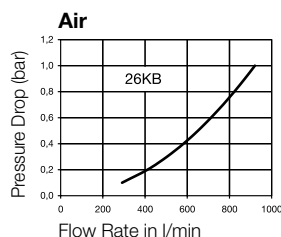
Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Chart

You will find the following alternative versions in our current catalogue on page:

- Brass/Steel Single Shut-off P. 66
- Stainless Steel P. 189
- Safety Self-Venting P. 288

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Pins
Seals
(Sleeves made of thermoplastic on request)

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

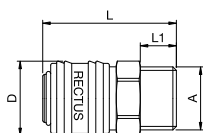
Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR

Plug

Plug Profile
Back Body
Valve
Spring
Seal

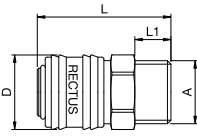
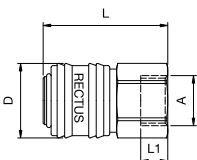
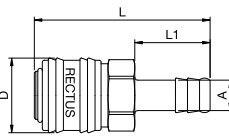
Brass
Brass
Brass
AISI 301
NBR

Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
NBR

Couplings**RECTUS Series 26KB**

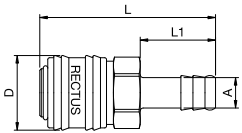
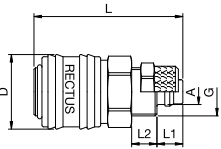
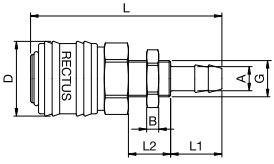
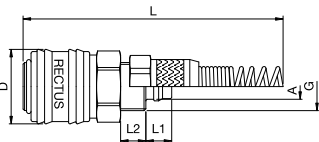
Male Thread

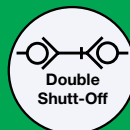
Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/8	22	43	25	9					Standard	26KB AW10 MPX
									Nickel Plated	26KB AW10 MPN
G 1/4	22	39	25	9					Standard	26KB AW13 MPX
									Nickel Plated	26KB AW13 MPN
G 3/8	22	41	25	9					Standard	26KB AW17 MPX
									Nickel Plated	26KB AW17 MPN
G 1/2	24	42	25	10					Standard	26KB AW21 MPX
									Nickel Plated	26KB AW21 MPN

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Male Thread	M 16 x 1,5	22	43	25	11					Standard	26KB AD16 MPX	
										Nickel Plated	26KB AD16 MPN	
	M 18 x 1,5	22	43	25	11					Standard	26KB AD18 MPX	
										Nickel Plated	26KB AD18 MPN	
 Female Thread	G 1/4	22	41	25	9					Standard	26KB IW13 MPX	
										Nickel Plated	26KB IW13 MPN	
	G 3/8	22	41	25	9					Standard	26KB IW17 MPX	
										Nickel Plated	26KB IW17 MPN	
	G 1/2	24	44	25	10					Standard	26KB IW21 MPX	
										Nickel Plated	26KB IW21 MPN	
	M 16 x 1,5	22	44	25	9					Standard	26KB IM16 MPX	
										Nickel Plated	26KB IM16 MPN	
 Hose Barb	6 mm	21	58	25	25					Standard	26KB TF06 MPX	
										Nickel Plated	26KB TF06 MPN	
	8 mm	21	58	25	25					Standard	26KB TF08 MPX	
										Nickel Plated	26KB TF08 MPN	
	9 mm	21	58	25	25					Standard	26KB TF09 MPX	
										Nickel Plated	26KB TF09 MPN	
	10 mm	21	58	25	25					Standard	26KB TF10 MPX	
										Nickel Plated	26KB TF10 MPN	
	13 mm	21	58	25	25					Standard	26KB TF13 MPX	
										Nickel Plated	26KB TF13 MPN	
	6 mm Parker	21	58	25	25					Standard	26KB TP06 MPX	
										Nickel Plated	26KB TP06 MPN	

Couplings

RECTUS Series 26KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	10 mm Parker	21	58	25	24					Standard	26KB TP10 MPX	
										Nickel Plated	26KB TP10 MPN	
	13 mm Parker	21	58	25	28					Standard	26KB TP13 MPX	
										Nickel Plated	26KB TP13 MPN	
 Plastic Hose Connection	6 x 8 mm	21	45	25	7	6			M 12 x 1	Standard	26KB KO08 MPX	
										Nickel Plated	26KB KO08 MPN	
	8 x 10 mm	21	49	25	9	8			M 16 x 1	Standard	26KB KO10 MPX	
										Nickel Plated	26KB KO10 MPN	
 Panel Mount, Hose Barb	6 mm	21	60	25	17	10	17	4	M 12 x 1	Standard	26KB TS06 MPX	
										Nickel Plated	26KB TS06 MPN	
	8 mm	21	63	25	17	14	17	4	M 12 x 1	Standard	26KB TS08 MPX	
										Nickel Plated	26KB TS08 MPN	
 Plastic Hose Connection with Spring Guard	6 x 8 mm	21	132	25	7	6			M 12 x 1	Standard	26KB KK08 MPX	
										Nickel Plated	26KB KK08 MPN	
	8 x 10 mm	21	143	25	9	8			M 16 x 1	Standard	26KB KK10 MPX	
										Nickel Plated	26KB KK10 MPN	
	9 x 12 mm	21	150	25	9	8			M 16 x 1	Standard	26KB KK12 MPX	
										Nickel Plated	26KB KK12 MPN	
Valved Plugs for all 26 KB Series (same as 25KB Series!) see page 137.												

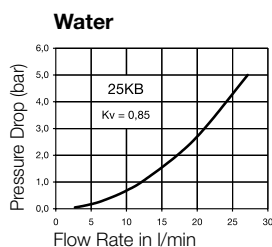
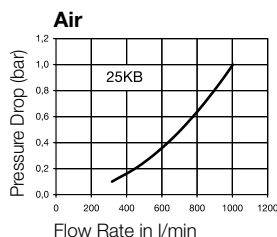
**Technical Description**

3/8" - 1/2" brass coupling system with UltraFlo technology. High flow performance. Notable for robust design and steel sleeve used with large pneumatic consumers.

Dust Caps (P. 331)

for coupling
for plug

Part.-No. SK23S
Part.-No. SK12S

Chart**Advantages**

Single handed operation. Robust design. High flow valve. No damage to the valve body due to collar design.

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
Inner Sleeve
Spring Plate

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR
Brass
Brass

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR
Brass
Brass

Plug

Plug Profile
Back Body
Valve
Spring
Seal

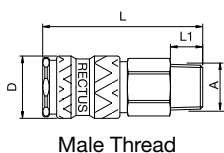
Brass
Brass
Brass
AISI 301
NBR

Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
NBR



You will find the following alternative versions in our current catalogue on page:

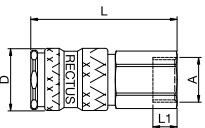
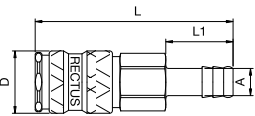
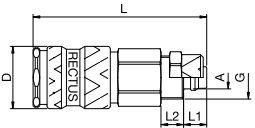
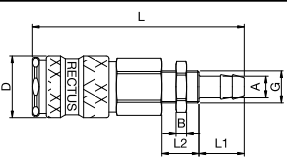
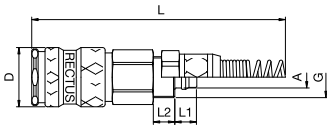
- ▶ Brass/Steel Single Shut-off P. 73
- ▶ Brass/Steel Dry-Break P. 171
- ▶ Stainless Steel P. 209
- ▶ Safety P. 278
- ▶ Safety Self-Venting P. 290
- ▶ Safety Coded P. 303

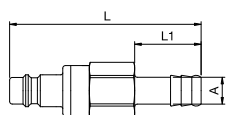
Couplings**RECTUS Series 25KB**

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/4	19	60	23	12					Standard	25KB AK13 BPX
									Nickel Plated	25KB AK13 BPN
R 3/8	19	59	23	10,5					Standard	25KB AK17 BPX
									Nickel Plated	25KB AK17 BPN
R 1/2	22	57,5	23	9					Standard	25KB AK21 BPX
									Nickel Plated	25KB AK21 BPN
M 14 x 1,5	19	59	23	10					Standard	25KB AD14 BPX
									Nickel Plated	25KB AD14 BPN
M 16 x 1,5	19	60	23	11					Standard	25KB AD16 BPX
									Nickel Plated	25KB AD16 BPN
M 18 x 1,5	19	60	23	11					Standard	25KB AD18 BPX
									Nickel Plated	25KB AD18 BPN

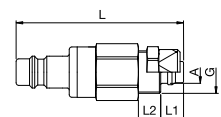
Couplings

RECTUS Series 25KB

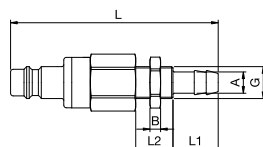
	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Female Thread	G 1/4	19	56	23	10					Standard	25KB IW13 BPX	
										Nickel Plated	25KB IW13 BPN	
	G 3/8	19	55	23	9					Standard	25KB IW17 BPX	
										Nickel Plated	25KB IW17 BPN	
	G 1/2	24	58	23	12					Standard	25KB IW21 BPX	
										Nickel Plated	25KB IW21 BPN	
	M 16 x 1,5	19	55	23	9					Standard	25KB IM16 BPX	
										Nickel Plated	25KB IM16 BPN	
	M 18 x 1,5	22	56	23	9					Standard	25KB IM18 BPX	
										Nickel Plated	25KB IM18 BPN	
 Hose Barb	6 mm	19	74	23	25					Standard	25KB TF06 BPX	
										Nickel Plated	25KB TF06 BPN	
	8 mm	19	74	23	25					Standard	25KB TF08 BPX	
										Nickel Plated	25KB TF08 BPN	
	9 mm	19	74	23	25					Standard	25KB TF09 BPX	
										Nickel Plated	25KB TF09 BPN	
	10 mm	19	74	23	25					Standard	25KB TF10 BPX	
										Nickel Plated	25KB TF10 BPN	
	13 mm	19	74	23	25					Standard	25KB TF13 BPX	
										Nickel Plated	25KB TF13 BPN	
 Plastic Hose Connection	8 x 10 mm	19	65	23	9	8			M 16 x 1	Standard	25KB KO10 BPX	
										Nickel Plated	25KB KO10 BPN	
	9 x 12 mm	19	65	23	9	8			M 16 x 1	Standard	25KB KO12 BPX	
										Nickel Plated	25KB KO12 BPN	
 Panel Mount, Hose Barb	6 mm	19	76	23	17	10	17	4	M 12 x 1	Standard	25KB TS06 BPX	
										Nickel Plated	25KB TS06 BPN	
	8 mm	19	80	23	17	14	17	4	M 12 x 1	Standard	25KB TS08 BPX	
										Nickel Plated	25KB TS08 BPN	
 Plastic Hose Connection with Spring Guard	10mm	19	76	23	17	10	17	4	M 12 x 1	Standard	25KB TS10 BPX	
										Nickel Plated	25KB TS10 BPN	
	6 x 8 mm	19	144	23	7	6			M 12 x 1	Standard	25KB KK08 BPX	
										Nickel Plated	25KB KK08 BPN	
	9 x 12 mm	19	162	23	9	8			M 16 x 1	Standard	25KB KK12 BPX	



Hose Barb



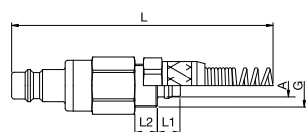
Plastic Hose Connection


Panel Mount,
Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm	21	60		25					Standard	25SB TF06 MPX
									Nickel Plated	25SB TF06 MPN
	21	60		25					Standard	25SB TF08 MPX
									Nickel Plated	25SB TF08 MPN
	21	60		25					Standard	25SB TF09 MPX
									Nickel Plated	25SB TF09 MPN
10 mm	21	60		25					Standard	25SB TF10 MPX
									Nickel Plated	25SB TF10 MPN
	21	60		25					Standard	25SB TF13 MPX
									Nickel Plated	25SB TF13 MPN
	19	67,5		20,5					Standard	25SB TP06 MPX
									Nickel Plated	25SB TP06 MPN
10 mm Parker	19	71		24					Standard	25SB TP10 MPX
									Nickel Plated	25SB TP10 MPN
	19	83		28					Standard	25SB TP13 MPX
									Nickel Plated	25SB TP13 MPN
	21	47		7	6			M 10 x 1	Standard	25SB KO06 MPX
									Nickel Plated	25SB KO06 MPN
6 x 8 mm	21	47		7	6			M 12 x 1	Standard	25SB KO08 MPX
									Nickel Plated	25SB KO08 MPN
	21	51		8,5	8,5			M 16 x 1	Standard	25SB KO10 MPX
									Nickel Plated	25SB KO10 MPN
	21	51		8,5	8,5			M 16 x 1	Standard	25SB KO12 MPX
									Nickel Plated	25SB KO12 MPN
6 mm	21	62		17	10	17	4	M 12 x 1	Standard	25SB TS06 MPX
									Nickel Plated	25SB TS06 MPN
	21	65		17	14	17	4	M 12 x 1	Standard	25SB TS08 MPX
									Nickel Plated	25SB TS08 MPN
	21	74		25	14	17	3,5	G 1/4	Standard	25SB TS10 MPX
									Nickel Plated	25SB TS10 MPN

Valved Plugs

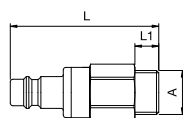
RECTUS Series 25KB

Plastic Hose Connection
with Spring Guard

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
4 x 6 mm	19	120		7	6			M 10 x 1	Standard	25SB KK06 MPX
									Nickel Plated	25SB KK06 MPN
6 x 8 mm	19	135		7	6			M 12 x 1	Standard	25SB KK08 MPX
									Nickel Plated	25SB KK08 MPN
8 x 10 mm	19	145		8,5	8,5			M 16 x 1	Standard	25SB KK10 MPX
									Nickel Plated	25SB KK10 MPN
9 x 12 mm	19	150		8,5	8,5			M 16 x 1	Standard	25SB KK12 MPX
									Nickel Plated	25SB KK12 MPN

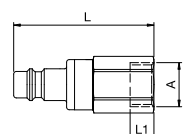
Valved Plugs

RECTUS Series 25KB



Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/8	22	44,5		9					Standard	25SB AW10 MPX
									Nickel Plated	25SB AW10 MPN
G 1/4	22	43		9					Standard	25SB AW13 MPX
									Nickel Plated	25SB AW13 MPN
G 3/8	22	43		9					Standard	25SB AW17 MPX
									Nickel Plated	25SB AW17 MPN
G 1/2	22	46		12					Standard	25SB AW21 MPX
									Nickel Plated	25SB AW21 MPN
M 14 x 1,5	22	44		10					Standard	25SB AD14 MPX
									Nickel Plated	25SB AD14 MPN
M 16 x 1,5	22	45		11					Standard	25SB AD16 MPX
									Nickel Plated	25SB AD16 MPN
M 18 x 1,5	22	45		11					Standard	25SB AD18 MPX
									Nickel Plated	25SB AD18 MPN



Female Thread

G 1/4	22	43		10					Standard	25SB IW13 MPX
									Nickel Plated	25SB IW13 MPN
G 3/8	22	43		9					Standard	25SB IW17 MPX
									Nickel Plated	25SB IW17 MPN
G 1/2	24	46		9					Standard	25SB IW21 MPX
									Nickel Plated	25SB IW21 MPN
M 14 x 1,5	22	43		9					Standard	25SB IM14MPX
									Nickel Plated	25SB IM14 MPN
M 16 x 1,5	22	43		9					Standard	25SB IM16 MPX
									Nickel Plated	25SB IM16 MPN
M 18 x 1,5	22	43		9					Standard	25SB IM18 MPX
									Nickel Plated	25SB IM18 MPN



Nominal Diameter

7,5 = 44 mm²

RECTUS Series

73KB



80% of actual size

**Technical Description**

The 73KB series plug profile conforms to ISO Standard 7241-1 series B and is compatible with other makes of the same standard.

Advantages

This is a coupling to be operated with two hands, i.e. the unlocking sleeve must be pushed back manually when coupling.

Working Pressure

PB = 200 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature***73KB Series:**

-20°C up to +100°C (NBR)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -40°C and above +200°C special seals are available on request.

Material**Coupling**

Coupling Body
Sleeve
Valve
Springs
Locking Balls
Seals
Valve Holder (up to 100°C)
Valve Holder (over 100°C)

Brass Version**73KB Series**

Brass
Brass
Brass
AISI 301
AISI 420
NBR
Brass
Brass

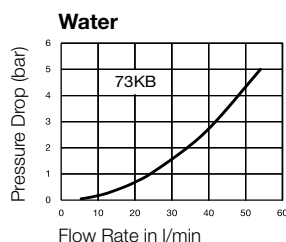
Plug

Plug Body
Valve
Springs
Seals
Valve Holder (up to 100°C)
Valve Holder (over 100°C)

Brass
Brass
AISI 301
NBR
Brass
Brass

You will find the following alternative versions in our current catalogue on page:

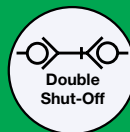
- Stainless Steel P. 218
- Thermoplastic P. 258

Chart**Couplings****RECTUS Series 73KB**

	Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working press. connected	Version	Seal	Part Number
 Female Thread	G 3/8	22	64	11,5	35	with	200 bar	Brass	NBR	73KB IW17 MPX

Plugs**RECTUS Series 73KB**

	Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working press. connected	Version	Seal	Part Number
 Female Thread	G 3/8	22	39	11,5		with	200 bar	Brass	NBR	73SB IW17 MPX

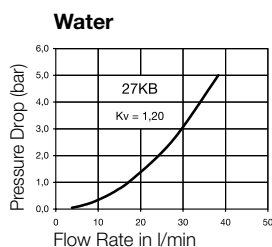
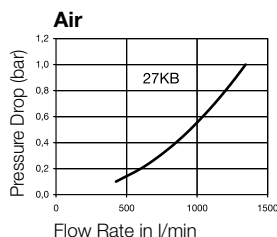
**Technical Description**

1/2" European industrial profile with UltraFlo technology. High flow performance. Notable for robust design and steel sleeve in use with large pneumatic consumers.

Dust Caps (P. 331)

for coupling

Part.-No. SK27S

**Chart****Advantages**

Single handed operation.
Minimal pressure drop. High flow valve. No damage to the valve body from collar design.

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
Inner Sleeve
Spring Plate

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR
Brass
Brass

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR
Brass
Brass

Plug

Plug Profile
Back Body
Valve
Spring
Seal

Brass
Brass
Brass
AISI 301
NBR

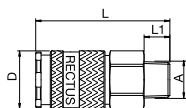
Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
AISI 301
NBR



actual size

You will find the following alternative versions in our current catalogue on page:

- ▶ Brass/Steel Single Shut-off P. 95
- ▶ Stainless Steel P. 213
- ▶ Safety Self-Venting P. 292

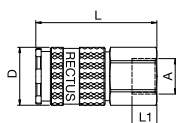
Couplings**RECTUS Series 27KB**

Male Thread

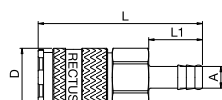
	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
	R 1/4	24	63	27	12					Standard	27KB AK13 BPX
										Nickel Plated	27KB AK13 BPN
	R 3/8	24	63	27	12					Standard	27KB AK17 BPX
										Nickel Plated	27KB AK17 BPN
	R 1/2	24	65	27	17					Standard	27KB AK21 BPX
										Nickel Plated	27KB AK21 BPN
	R 3/4	27	65	27	17					Standard	27KB AK26 BPX
										Nickel Plated	27KB AK26 BPN

Couplings

RECTUS Series 27KB



Female Thread

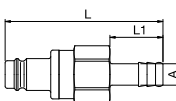


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/4	24	56	27	10					Standard	27KB IW13 BPX
									Nickel Plated	27KB IW13 BPN
	24	56	27	11					Standard	27KB IW17 BPX
									Nickel Plated	27KB IW17 BPN
	24	56	27	12					Standard	27KB IW21 BPX
									Nickel Plated	27KB IW21 BPN
	32	60	27	16					Standard	27KB IW26 BPX
									Nickel Plated	27KB IW26 BPN
	32	60	27	16					Standard	27KB IW26 BPX
									Nickel Plated	27KB IW26 BPN
6 mm	24	76	27	25					Standard	27KB TF06 BPX
									Nickel Plated	27KB TF06 BPN
	24	76	27	25					Standard	27KB TF08 BPX
									Nickel Plated	27KB TF08 BPN
	24	76	27	25					Standard	27KB TF09 BPX
									Nickel Plated	27KB TF09 BPN
	24	76	27	25					Standard	27KB TF10 BPX
									Nickel Plated	27KB TF10 BPN
	24	76	27	25					Standard	27KB TF13 BPX
									Nickel Plated	27KB TF13 BPN
	24	76	27	25					Standard	27KB TF16 BPX
									Nickel Plated	27KB TF16 BPN
	24	76	27	25					Standard	27KB TF19 BPX
									Nickel Plated	27KB TF19 BPN

Valved Plugs

RECTUS Series 27KB

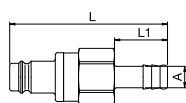


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
6 mm	24	74		25					Standard	27SB TF06 MPX
									Nickel Plated	27SB TF06 MPN
8 mm	24	74		25					Standard	27SB TF08 MPX
									Nickel Plated	27SB TF08 MPN
9 mm	24	74		25					Standard	27SB TF09 MPX
									Nickel Plated	27SB TF09 MPN

Valved Plugs

RECTUS Series 27KB



Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
10 mm	24	74		25					Standard	27SB TF10 MPX
									Nickel Plated	27SB TF10 MPN
13 mm	24	74		25					Standard	27SB TF13 MPX
									Nickel Plated	27SB TF13 MPN
16 mm	24	74		25					Standard	27SB TF16 MPX
									Nickel Plated	27SB TF16 MPN
19 mm	24	74		25					Standard	27SB TF19 MPX
									Nickel Plated	27SB TF19 MPN

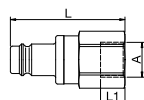
Valved Plugs

RECTUS Series 27KB



Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
R 1/4	24	60,5		12					Standard	27SB AK13 MPX
									Nickel Plated	27SB AK13 MPN
R 3/8	24	60,5		12					Standard	27SB AK17 MPX
									Nickel Plated	27SB AK17 MPN
R 1/2	24	62,5		17					Standard	27SB AK21 MPX
									Nickel Plated	27SB AK21MPN
R 3/4	27	62,5		17					Standard	27SB AK26 MPX
									Nickel Plated	27SB AK26 MPN



Female Thread

G 1/4	24	54,5		9					Standard	27SB IW13 MPX
									Nickel Plated	27SB IW13 MPN
G 3/8	24	54,5		9					Standard	27SB IW17 MPX
									Nickel Plated	27SB IW17 MPN
G 1/2	24	54,5		12					Standard	27SB IW21 MPX
									Nickel Plated	27SB IW21 MPN
G 3/4	32	58,5		16					Standard	27SB IW26 MPX
									Nickel Plated	27SB IW26 MPN



Nominal Diameter

10 = 80 mm²

RECTUS Series

1700KB



80% of actual size

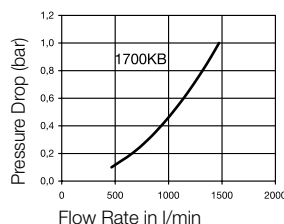
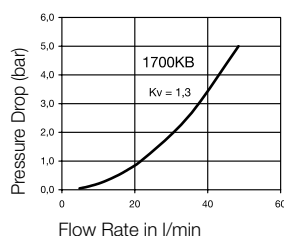
**Technical Description**

Premium industrial coupling in nominal diameter 10 with high grade valve technology and unpreented flow values and minimum connecting forces.

Dust Caps (P. 331)

for coupling

Part.-No. SK27S

**Chart****Air****Water****Advantages**

Single handed operation.
High flow valve. Easy connecting forces. Easy-grip sleeve design. Increased reliability due to use of high grade materials. Extremely high flow performance.

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve, Seat
Springs, Locking Ring
Balls
Seals

Plug

Plug Profile
Back Body
Valve
Spring
Seal

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to 316°C (FFKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

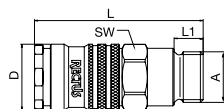
Standard Version

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR

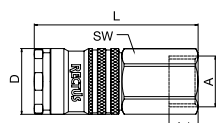
Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
AISI 301
NBR

You will find the following alternative versions in our current catalogue on page:

► Brass/Steel Single Shut-off P. 97

Couplings**RECTUS Series 1700KB**

Male Thread

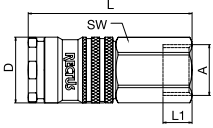
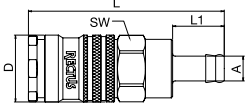


Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 3/8	24	64,5	27	7					Standard	1700KB AW17 BPN
G 1/2	24	69,5	27	12					Standard	1700KB AW21 BPN
G 3/4	30	73,5	27	16					Standard	1700KB AW26 BPN
G 3/8	24	67,5	27	12					Standard	1700KB IW17 BPN

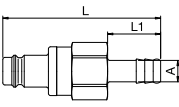
Couplings

RECTUS Series 1700KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Female Thread	G 1/2	24	67,5	27	12					Standard	1700KB IW21 BPN
	G 3/4	32	73,5	27	16					Standard	1700KB IW26 BPN
 Hose Barb	10 mm	24	79,5	27	21					Standard	1700KB TF10 BPN
	13 mm	24	79,5	27	21					Standard	1700KB TF13 BPN
	16 mm	24	79,5	27	21					Standard	1700KB TF16 BPN
	19 mm	24	79,5	27	21					Standard	1700KB TF19 BPN

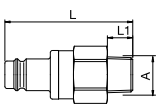
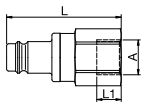
Valved Plugs

RECTUS Series 27SB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	6 mm	24	74		25					Standard	27SB TF06 MPN
	8 mm	24	74		25					Standard	27SB TF08 MPN
	9 mm	24	74		25					Standard	27SB TF09 MPN
	10 mm	24	74		25					Standard	27SB TF10 MPN
	13 mm	24	74		25					Standard	27SB TF13 MPN
	16 mm	24	74		25					Standard	27SB TF16 MPN
	19 mm	24	74		25					Standard	27SB TF19 MPN

Valved Plugs

RECTUS Series 27SB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	24	60,5		12					Standard	27SB AK13 MPN
	R 3/8	24	60,5		12					Standard	27SB AK17 MPN
	R 1/2	24	62,5		17					Standard	27SB AK21 MPN
	R 3/4	27	62,5		17					Standard	27SB AK26 MPN
 Female Thread	G 1/4	24	54,5		9					Standard	27SB IW13 MPN
	G 3/8	24	54,5		9					Standard	27SB IW17 MPN
	G 1/2	24	54,5		12					Standard	27SB IW21 MPN
	G 3/4	24	54,5		16					Standard	27SB IW26 MPN



Nominal Diameter

11 = 95 mm²

RECTUS Series

74KB



75% of actual size

**Technical Description**

The 74KB series plug profile conforms to ISO Standard 7241-1 series B and is compatible with other makes of the same standard.

Advantages

This is a coupling to be operated with two hands, i.e. the unlocking sleeve must be pushed back manually when coupling.

Working Pressure

PB = 150 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -40°C and above +200°C special seals are available on request.

Material**Coupling**

Coupling Body
Sleeve
Valve
Springs
Locking Balls
Seals
Valve Holder (up to 100°C)
Valve Holder (over 100°C)

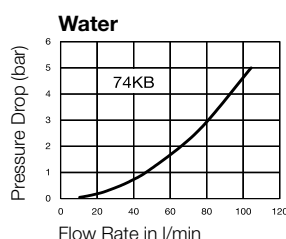
Brass Version

Brass
Brass
Brass
AISI 301
AISI 420
NBR
Brass
Brass

Plug

Plug Body
Valve
Springs
Seals
Valve Holder (up to 100°C)
Valve Holder (over 100°C)

Brass
Brass
AISI 301
NBR
Brass
Brass

Chart

You will find the following alternative versions in our current catalogue on page:

- Stainless Steel P. 219
- Thermoplastic P. 259

Couplings**RECTUS Series 74KB**

	Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working press. connected	Version	Seal	Part Number
 Female Thread	G 1/2	27	76	16	44,5	with	150 bar	Brass	NBR	74KB IW21 MPX

Plugs**RECTUS Series 74KB**

	Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working press. connected	Version	Seal	Part Number
 Female Thread	G 1/2	27	48	16		with	150 bar	Brass	NBR	74SB IW21 MPX



Nominal Diameter

12 = 115 mm²

RECTUS Series

57KB


65% of actual size



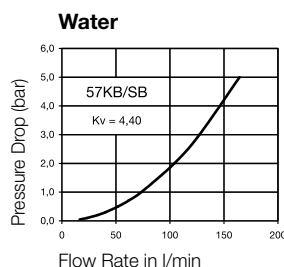
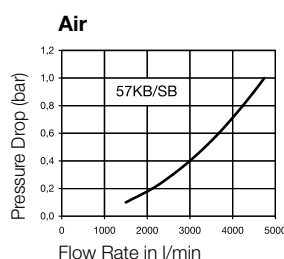
You will find the following alternative versions in our current catalogue on page:

► Brass/Steel Single Shut-off P. 111

Technical Description

German industrial profile with UltraFlo technology. Optimised structure with respect to size and performance. Robust coupling for compressed air applications. Especially suitable for oscillating forces, due to steel sleeve and steel valve body. Specific application for liquids.

Chart



Advantages

Single handed operation.
Minimal pressure drop. High flow valve. No damage to the valve body from collar design.

Material

Coupling

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
Spring Plate

Plug

Plug Profile
Back Body
Valve
Spring
Seal
Spring Plate

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

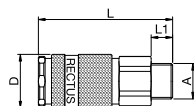
Standard

Brass, Nickel Plated
Steel, Nickel Plated
Steel Hardened, Nickel Plated
Brass, Nickel Plated
AISI 301
AISI 420
NBR
Brass, Nickel Plated

Steel Hardened, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
AISI 301
NBR
Brass

Couplings

RECTUS Series 57KB

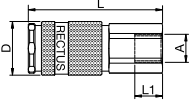
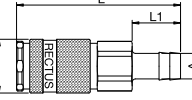


Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/2	34	98	40	12					Standard	57KB AW21 SPN
G 3/4	34	100	40	16					Standard	57KB AW26 SPN
G 1	41	100	40	19					Standard	57KB AW33 SPN

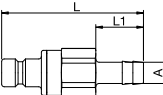
Couplings

RECTUS Series 57KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Female Thread	G 1/2	34	100	40	19					Standard	57KB IW21 SPN
 Hose Barb	16 mm	34	122	40	36					Standard	57KB TF16 SPN

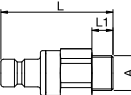
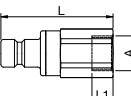
Valved Plugs

RECTUS Series 57KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	13 mm	34	101		28					Standard	57SB TF13 SPN
	16 mm	34	107		36					Standard	57SB TF16 SPN
	19 mm	34	107		36					Standard	57SB TF19 SPN

Valved Plugs

RECTUS Series 57KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 3/8	34	86		12					Standard	57SB AW17 SPN
	G 1/2	34	83		12					Standard	57SB AW21 SPN
	G 3/4	34	85		16					Standard	57SB AW26 SPN
	G 1	41	85		19					Standard	57SB AW33 SPN
 Female Thread	G 1/2	34	85		19					Standard	57SB IW21 SPN
	G 3/4	34	85		16					Standard	57SB IW26 SPN



Nominal Diameter

13 = 133 mm²

RECTUS Series

75KB


55% of actual size

**Technical Description**

The 75KB series plug profile conforms to ISO Standard 7241-1 series B and is compatible with other makes of the same standard.

Advantages

This is a coupling to be operated with two hands, i.e. the unlocking sleeve must be pushed back manually when coupling.

Working Pressure

PB = 100 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature***75KB Series:**

-20°C up to +100°C (NBR)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -40°C and above +200°C special seals are available on request.

Material**Coupling**

Coupling Body
Sleeve
Valve
Springs
Locking Balls
Seals
Valve Holder

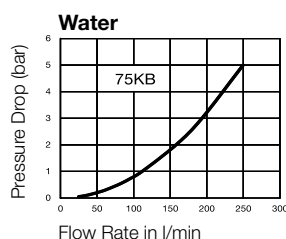
Brass Version**75KB Series**

Brass
Brass
Brass
AISI 301
AISI 420
NBR
Brass

Plug

Plug Body
Valve
Springs
Seals
Valve Holder

Brass
Brass
AISI 301
NBR
Brass

Chart

You will find the following alternative versions in our current catalogue on page:

- Stainless Steel P. 220
- Thermoplastic P. 260

Couplings

RECTUS Series 75KB

	Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working press. connected	Version	Seal	Part Number
 Female Thread	G 3/4	34	96	24	55	with	100 bar	Brass	NBR	75KB IW26 MPX

Plugs

RECTUS Series 75KB

	Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working press. connected	Version	Seal	Part Number
 Female Thread	G 3/4	36	60	24		with	100 bar	Brass	NBR	75SB IW26 MPX



Nominal Diameter

15 = 175 mm²

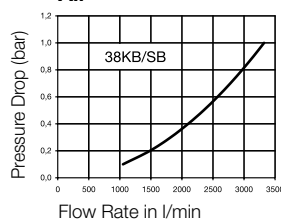
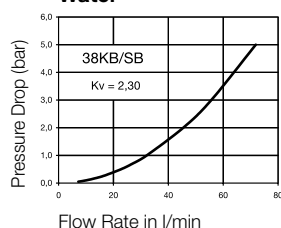
RECTUS Series

38KB


60% of actual size

**Technical Description**

Industrial profile in brass, with UltraFlo technology. Compact dimensions with high performance characteristics. Coupling can be used with numerous gaseous and liquid media.

Chart**Air****Water****Advantages**

Compact dimensions. Extremely high flow performance. High flow valve.

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to 316°C (FFKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
Inner Sleeve
Spring Plate

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR
Brass
Brass

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR
Brass
Brass

Plug

Plug Profile
Back Body
Valve
Spring and Locking Ring
Seal
Spring Plate

Brass
Brass
Brass
AISI 301
NBR
Brass

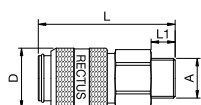
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
NBR
Brass

You will find the following alternative versions in our current catalogue on page:

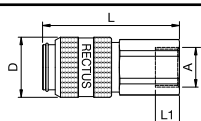
► Brass/Steel Single Shut-off P. 115

Couplings

RECTUS Series 38KB



Male Thread

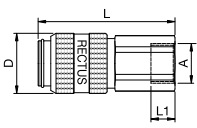
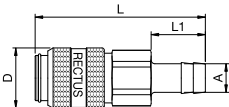


Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/2	34	89	40	12					Standard	38KB AW21 MPX
									Nickel Plated	38KB AW21 MPN
	34	91	40	16					Standard	38KB AW26 MPX
									Nickel Plated	38KB AW26 MPN
	41	91	40	19					Standard	38KB AW33 MPX
									Nickel Plated	38KB AW33 MPN
G 1/2	34	95	40	20					Standard	38KB IW21 MPX
									Nickel Plated	38KB IW21 MPN

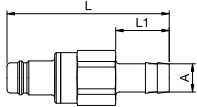
Couplings

RECTUS Series 38KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Female Thread	G 3/4	34	91	40	14					Standard	38KB IW26 MPX
										Nickel Plated	38KB IW26 MPN
	G 1	41	92	40	20					Standard	38KB IW33 MPX
										Nickel Plated	38KB IW33 MPN
 Hose Barb	13 mm	34	105	40	28					Standard	38KB TF13 MPX
										Nickel Plated	38KB TF13 MPN
	16 mm	34	113	40	36					Standard	38KB TF16 MPX
										Nickel Plated	38KB TF16 MPN
	19 mm	34	113	40	36					Standard	38KB TF19 MPX
										Nickel Plated	38KB TF19 MPN
	25 mm	34	109	40	36					Standard	38KB TF25 MPX
										Nickel Plated	38KB TF25 MPN

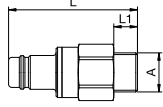
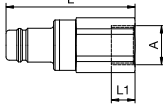
Valved Plugs

RECTUS Series 38KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	13 mm	34	103		28					Standard	38SB TF13 MPX
										Nickel Plated	38SB TF13 MPN
	16 mm	34	109		36					Standard	38SB TF16 MPX
										Nickel Plated	38SB TF16 MPN
	19 mm	34	109		36					Standard	38SB TF19 MPX
										Nickel Plated	38SB TF19 MPN
	25 mm	34	105		36					Standard	38SB TF25 MPX
										Nickel Plated	38SB TF25 MPN

Valved Plugs

RECTUS Series 38KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 1/2	34	85		12					Standard	38SB AW21 MPX
										Nickel Plated	38SB AW21 MPN
	G 3/4	34	87		16					Standard	38SB AW26 MPX
										Nickel Plated	38SB AW26 MPN
 Female Thread	G 1	41	87		19					Standard	38SB AW33 MPX
										Nickel Plated	38SB AW33 MPN
	G 1/2	34	87		16					Standard	38SB IW21 MPX
										Nickel Plated	38SB IW21 MPN
	G 3/4	34	87		16					Standard	38SB IW26 MPX
										Nickel Plated	38SB IW26 MPN
	G 1	41	8		26					Standard	38SB IW33 MPX
										Nickel Plated	38SB IW33 MPN



Nominal Diameter

19 = 300 mm²

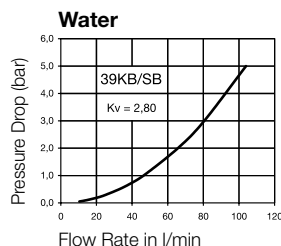
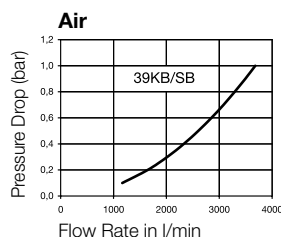
RECTUS Series

39KB


40% of actual size

**Technical Description**

Industrial brass profile with UltraFlo technology. Compact dimensions with high performance characteristics. Coupling can be used with numerous gaseous and liquid media.

Chart

You will find the following alternative versions in our current catalogue on page:

- Brass/Steel Single Shut-off P. 117
- Brass/Steel Dry-Break P. 180

Advantages

Compact dimensions.
Extremely high flow performance. High flow valve.

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to 316°C (FFKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
Inner Sleeve
Spring Plate

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR
Brass
Brass

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR
Brass
Brass

Plug

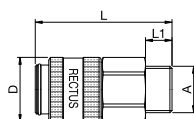
Plug Profile
Back Body
Valve
Spring and Locking Ring
Seal
Spring Plate

Brass
Brass
Brass
AISI 301
NBR
Brass

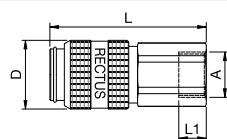
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
NBR
Brass

Couplings

RECTUS Series 39KB



Male Thread

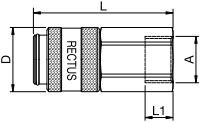
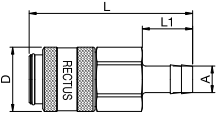


Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 3/4	41	95	46	16					Standard	39KB AW26 MPX
									Nickel Plated	39KB AW26 MPN
G 1	41	98	46	19					Standard	39KB AW33 MPX
									Nickel Plated	39KB AW33 MPN
G 1 1/4	46	98	46	19					Standard	39KB AW42 MPX
									Nickel Plated	39KB AW42 MPN
G 3/4	41	99	46	20					Standard	39KB IW26 MPX
									Nickel Plated	39KB IW26 MPN

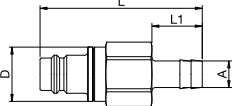
Couplings

RECTUS Series 39KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Female Thread	G 1	41	100	46	20					Standard	39KB IW33 MPX
										Nickel Plated	39KB IW33 MPN
	G 1 1/4	50	105	46	22					Standard	39KB IW42 MPX
										Nickel Plated	39KB IW42 MPN
 Hose Barb	19 mm	41	115	46	36					Standard	39KB TF19 MPX
										Nickel Plated	39KB TF19 MPN
	25 mm	41	125	46	48					Standard	39KB TF25 MPX
										Nickel Plated	39KB TF25 MPN

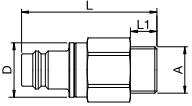
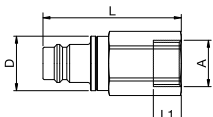
Valved Plugs

RECTUS Series 39KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	19 mm	41	114		36					Standard	39SB TF19 MPX
										Nickel Plated	39SB TF19 MPN
	25 mm	41	124		48					Standard	39SB TF25 MPX
										Nickel Plated	39SB TF25 MPN

Valved Plugs

RECTUS Series 39KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 3/4	41	92		16					Standard	39SB AW26 MPX
										Nickel Plated	39SB AW26 MPN
	G 1	41	95		19					Standard	39SB AW33 MPX
										Nickel Plated	39SB AW33 MPN
 Female Thread	G 1 1/4	46	95		19					Standard	39SB AW42 MPX
										Nickel Plated	39SB AW42 MPN
	G 3/4	41	96		19					Standard	39SB IW26 MPX
										Nickel Plated	39SB IW26 MPN
	G 1	41	97		24					Standard	39SB IW33 MPX
										Nickel Plated	39SB IW33 MPN
	G 1 1/4	50	102		26					Standard	39SB IW42 MPX
										Nickel Plated	39SB IW42 MPN



Nominal Diameter

20 = 490 mm²

RECTUS Series

76KB


50% of actual size



Technical Description

The 76KB series plug profile conforms to ISO Standard 7241-1 series B and is compatible with other makes of the same standard.

Advantages

This is a coupling to be operated with two hands, i.e. the unlocking sleeve must be pushed back manually when coupling.

Working Pressure

PB = 100 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-15°C up to +200°C (FKM)
depending on the medium.

*At a temperature below -40°C and above +200°C special seals are available on request.

Material

Coupling

Coupling Body
Sleeve
Valve
Springs
Locking Balls
Seals
Valve Holder

Brass Version

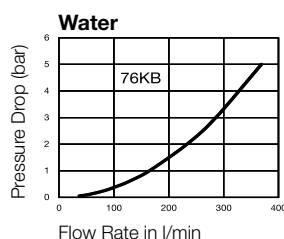
Brass
Brass
Brass
AISI 316 Ti
AISI 420
NBR
Brass

Plug

Plug Body
Valve
Springs
Seals
Valve Holder

Brass
Brass
AISI 316 Ti
NBR
Brass

Chart



You will find the following alternative versions in our current catalogue on page:

- Stainless Steel P. 221
- Thermoplastic P. 261

Couplings

RECTUS Series 76KB

	Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working press. connected	Version	Seal	Part Number
Female Thread	G 1	41	105,5	24	62	with	100 bar	Brass	NBR	76KB IW33 MPX

Plugs

RECTUS Series 76KB

	Connection A	Hex SW	L mm	L1 mm	D mm	Valve	Working press. connected	Version	Seal	Part Number
Female Thread	G 1	41	65	24		with	100 bar	Brass	NBR	76SB IW33 MPX



Nominal Diameter

4 = 12,5 mm²



RECTUS Series

204KL

actual size



red dot design award
winner 2007

You will find the following alternative versions in our current catalogue on page:

► Stainless Steel

P. 222

Technical Description

Dry-break coupling systems, which stand out for their extremely low leakage rates and a minimum volume of dead space. No air locks whatsoever during connecting and negligible film of channelled medium on the valve bodies when disconnecting. Coupling systems for applications in sensitive environments, such as in analysis technology, cooling circuits, transport systems and many applications with aggressive medium.

Advantages

Single-handed operation. Easy handling. Ergonomic sleeve shape. Optimised size. Low connecting forces. Valve body protected by collar design.

Extremely low dead volume remainings.

Interchangeability

RECTUS Design

Working Pressure

PB = 15 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature

-20°C up to +100°C (NBR)
Other sealing materials available on request.

Material

Coupling

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals

Standard

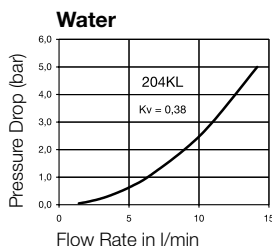
Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
AISI 303
AISI 420
NBR

Plug

Plug Profile
Back Body
Valve
Spring
Seal

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
AISI 303
NBR

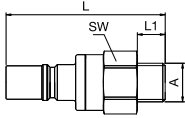
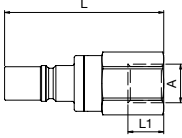
Chart



Couplings

RECTUS Series 204KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 1/8	14	45	19	7					Standard	204KL AW10 MPN
	G 1/4	17	47	19	9					Standard	204KL AW13 MPN
 Female Thread	G 1/8	14	45	19	9					Standard	204KL IW10 MPN
	G 1/4	17	47	19	9					Standard	204KL IW13 MPN

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Male Thread	G 1/8	14	40		7					Standard	204SL AW10 MPN	
	G 1/4	17	42		9					Standard	204SL AW13 MPN	
 Female Thread	G 1/8	14	40		9					Standard	204SL IW10 MPN	
	G 1/4	17	42		7					Standard	204SL IW13 MPN	



Nominal Diameter

5 = 20 mm²

RECTUS Series

21KL



actual size



Technical Description

Mini industrial coupling, internationally the most common profile for this nominal diameter, in double shut-off design. Above average flow performance for liquid and gaseous media. Large band width in materials and valve variants.

Dust Caps (P. 331)

for coupling

Part.-No. SK16S

Advantages

Single handed operation.
Small dimensions. Minimum (hardly noticeable) leakage occurs when disconnecting.
Air is not trapped in during the connecting process.

Working Pressure

PB = 8 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

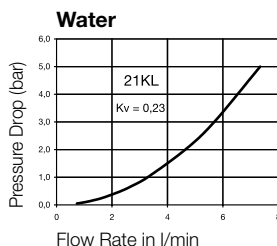
-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

You will find the following alternative versions in our current catalogue on page:

- ▶ Brass/Steel Single Shut-off P. 34
- ▶ Brass/Steel Double Shut-off P. 125
- ▶ Stainless Steel P. 224
- ▶ Thermoplastics P. 242
- ▶ Safety P. 276
- ▶ Coded Systems P. 300

Chart



Material

Coupling

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
Inner Sleeve
Seal bonnet

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR
Brass
Brass

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR
Brass
Brass

Plug

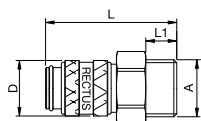
Plug Profile
Back Body
Valve
Spring
Seal

Brass
Brass
Brass
AISI 301
NBR

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
AISI 301
NBR

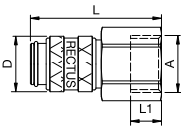
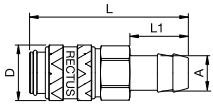
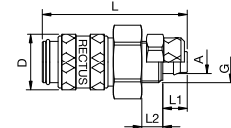
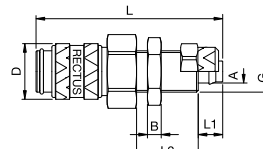
Couplings

RECTUS Series 21KL



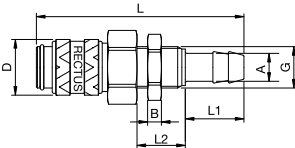
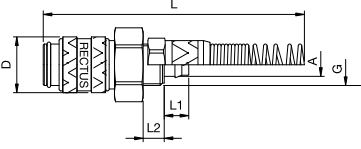
Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/8	14	36	16	7					Standard	21KL AW10 MPX
									Nickel Plated	21KL AW10 MPN
G 1/4	17	38	16	9					Standard	21KL AW13 MPX
									Nickel Plated	21KL AW13 MPN
G 3/8	19	38	16	9					Standard	21KL AW17 MPX
									Nickel Plated	21KL AW17 MPN
M 12 x 1,5	17	38	16	9					Standard	21KL AD12 MPX
									Nickel Plated	21KL AD12 MPN
M 14 x 1,5	17	38	16	9					Standard	21KL AD14 MPX
									Nickel Plated	21KL AD14 MPN

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Female Thread	G 1/8	14	36	16	9					Standard	21KL IW10 MPX	
										Nickel Plated	21KL IW10 MPN	
	G 1/4	17	38	16	9					Standard	21KL IW13 MPX	
										Nickel Plated	21KL IW13 MPN	
	G 3/8	19	38	16	9					Standard	21KL IW17 MPX	
										Nickel Plated	21KL IW17 MPN	
	M 12 x 1,5	17	38	16	6					Standard	21KL IM12 MPX	
										Nickel Plated	21KL IM12 MPN	
	M 14 x 1,5	17	38	16	6					Standard	21KL IM14 MPX	
										Nickel Plated	21KL IM14 MPN	
 Hose Barb	4 mm	14	46	16	17					Standard	21KL TF04 MPX	
										Nickel Plated	21KL TF04 MPN	
	6 mm	14	46	16	17					Standard	21KL TF06 MPX	
										Nickel Plated	21KL TF06 MPN	
	8 mm	14	46	16	17					Standard	21KL TF08 MPX	
										Nickel Plated	21KL TF08 MPN	
	9 mm	14	46	16	17					Standard	21KL TF09 MPX	
										Nickel Plated	21KL TF09 MPN	
	10 mm	14	46	16	17					Standard	21KL TF10 MPX	
										Nickel Plated	21KL TF10 MPN	
	6 mm Parker	14	46	16	17					Standard	21KL TP06 MPX	
										Nickel Plated	21KL TP06 MPN	
 Plastic Hose Connection	4 x 6 mm	14	42	16	7	6			M 10 x 1	Standard	21KL KO06 MPX	
										Nickel Plated	21KL KO06 MPN	
	6 x 8 mm	14	42	16	7	6			M 12 x 1	Standard	21KL KO08 MPX	
										Nickel Plated	21KL KO08 MPN	
 Panel Mount, Plastic Hose Connection	4 x 6 mm	14	54	16	7	18	14	4	M 10 x 1	Standard	21KL KS06 MPX	
										Nickel Plated	21KL KS06 MPN	
	6 x 8 mm	17	54	16	7	18	17	4	M 12 x 1	Standard	21KL KS08 MPX	
										Nickel Plated	21KL KS08 MPN	

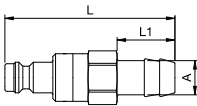
Couplings

RECTUS Series 21KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Panel Mount, Hose Barb	4 mm	14	60	16	17	14	14	4	M 10 x 1	Standard	21KL TS04 MPX	
										Nickel Plated	21KL TS04 MPN	
	5 mm	17	60	16	17	14	17	4	M 12 x 1	Standard	21KL TS05 MPX	
										Nickel Plated	21KL TS05 MPN	
	6 mm	17	60	16	17	14	17	4	M 12 x 1	Standard	21KL TS06 MPX	
										Nickel Plated	21KL TS06 MPN	
	8 mm	17	60	16	17	14	17	4	M 12 x 1	Standard	21KL TS08 MPX	
										Nickel Plated	21KL TS08 MPN	
	10 mm	17	60	16	17	14	19	4	M 12 x 1	Standard	21KL TS10 MPX	
										Nickel Plated	21KL TS10 MPN	
	4 x 6 mm	14	125	16	7	6			M 10 x 1	Standard	21KL KK06 MPX	
										Nickel Plated	21KL KK06 MPN	
 Plastic Hose Connection with Spring Guard	6 x 8 mm	14	130	16	7	6			M 10 x 1	Standard	21KL KK08 MPX	
										Nickel Plated	21KL KK08 MPN	

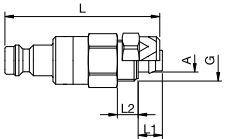
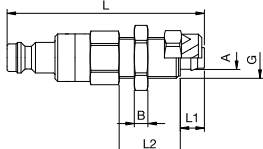
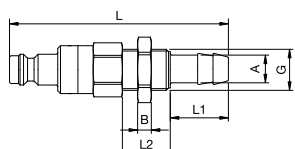
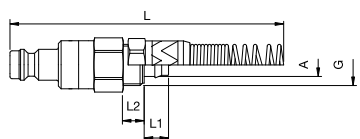
Valved Plugs

RECTUS Series 21KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Hose Barb	4 mm	14	50		17					Standard	21SL TF04 MPX	
										Nickel Plated	21SL TF04 MPN	
	6 mm	14	50		17					Standard	21SL TF06 MPX	
										Nickel Plated	21SL TF06 MPN	
	8 mm	14	50		17					Standard	21SL TF08 MPX	
										Nickel Plated	21SL TF08 MPN	
	9 mm	14	50		17					Standard	21SL TF09 MPX	
										Nickel Plated	21SL TF09 MPN	
	10 mm	14	50		17					Standard	21SL TF10 MPX	
										Nickel Plated	21SL TF10 MPN	
	6 mm Parker	14	54		20					Standard	21SL TP06 MPX	
										Nickel Plated	21SL TP06 MPN	

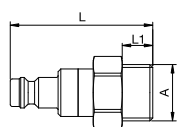
Valved Plugs

RECTUS Series 21KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Plastic Hose Connection	4 x 6 mm	14	46		7	6			M 10 x 1	Standard	21SL KO06 MPX
										Nickel Plated	21SL KO06 MPN
	6 x 8 mm	14	46		7	6			M 12 x 1	Standard	21SL KO08 MPX
										Nickel Plated	21SL KO08 MPN
 Panel Mount, Plastic Hose Connection	6 x 8 mm	14	58		7	18	17	4	M 12 x 1	Standard	21SL KS08 MPX
										Nickel Plated	21SL KS08 MPN
 Panel Mount, Hose Barb	4 mm	14	64		17	14	14	4	M 10 x 1	Standard	21SL TS04 MPX
										Nickel Plated	21SL TS04 MPN
	5 mm	14	64		17	14	14	4	M 12 x 1	Standard	21SL TS05 MPX
										Nickel Plated	21SL TS05 MPN
	6 mm	14	64		17	14	17	4	M 12 x 1	Standard	21SL TS06 MPX
										Nickel Plated	21SL TS06 MPN
	10 mm	14	64		17	14	19	4	M 14 x 1	Standard	21SL TS10 MPX
										Nickel Plated	21SL TS10 MPN
 Plastic Hose Connection with Spring Guard	4 x 6 mm	14	130		7	6			M 10 x 1	Standard	21SL KK06 MPX
										Nickel Plated	21SL KK06 MPN
	6 x 8 mm	14	135			6			M 12 x 1	Standard	21SL KK08 MPX
										Nickel Plated	21SL KK09 MPN

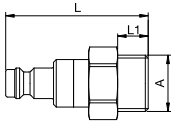
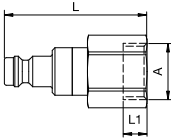
Valved Plugs

RECTUS Series 21KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 1/8	14	40			7				Standard	21SL AW10 MPX
										Nickel Plated	21SL AW10 MPN
	G 1/4	17	42			9				Standard	21SL AW13 MPX
										Nickel Plated	21SL AW13 MPN

Valved Plugs

RECTUS Series 21KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Male Thread	M 12 x 1,5	17	43		10					Standard	21SL AD12 MPX	
										Nickel Plated	21SL AD12 MPN	
 Female Thread	G 1/8	14	40		7					Standard	21SL IW10 MPX	
										Nickel Plated	21SL IW10 MPN	
	G 1/4	17	42		7					Standard	21SL IW13 MPX	
										Nickel Plated	21SL IW13 MPN	
	G 3/8	19	42		7					Standard	21SL IW17 MPX	
										Nickel Plated	21SL IW17 MPN	
	M 12 x 1,5	17	42		7					Standard	21SL IM12 MPX	
										Nickel Plated	21SL IM12 MPN	
	M 14 x 1,5	17	42		7					Standard	21SL IM14 MPX	
										Nickel Plated	21SL IM14 MPN	

**Technical Description**

Dry-break coupling systems, which stand out for their extremely low leakage rates and a minimum volume of dead space. No air locks whatsoever during connecting and negligible film of channelled medium on the valve bodies when disconnecting. Coupling systems for applications in sensitive environments, such as in analysis technology, cooling circuits, transport systems and many applications with aggressive medium.

Advantages

Single handed operation. Easy handling. Ergonomic sleeve shape. Low connecting forces. Valve body protected by collar design.

Extremely low dead volume remainings.

Interchangeability

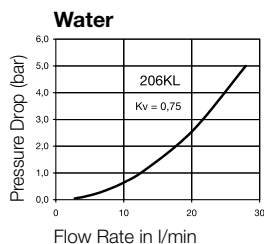
RECTUS Design

Working Pressure

PB = 15 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature

-20°C up to +100°C (NBR)
Other sealing materials available on request.

Chart**Material****Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals

Plug

Plug Profile
Back Body
Valve
Spring
Seal

Standard

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
AISI 303
AISI 420
NBR

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
AISI 303
NBR



85 % of actual size



reddot design award
winner 2007

You will find the following alternative versions in our current catalogue on page:

► Stainless Steel

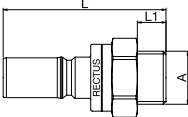
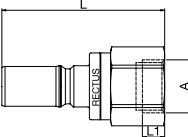
P. 228

Couplings**RECTUS Series 206KL**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 3/8	22	68,5	25,5	9					Standard	206KL AW17 MPN
	G 1/2	22	71,5	25,5	12					Standard	206KL AW21 MPN
 Female Thread	G 3/8	22	68,5	25,5	7					Standard	206KL IW17 MPN
	G 1/2	24	71,5	25,5	10					Standard	206KL IW21 MPN

Valved Plugs

RECTUS Series 206KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 Male Thread	G 3/8	22	51		9					Standard	206SL AW17MPN	
	G 1/2	22	54		12					Standard	206SL AW21MPN	
 Female Thread	G 3/8	22	51		7					Standard	206SL IW17MPN	
	G 1/2	24	54		10					Standard	206SL IW21MPN	

**Technical Description**

3/8" - 1/2" brass coupling system. High flow performance. Notable for robust design and steel sleeve used with large pneumatic consumers.

Dust Caps (P. 331)

for coupling
for plug

Part.-No. SK23S
Part.-No. SK12S

**Advantages**

Single handed operation.
Robust design. High flow valve.
No damage to the valve body from collar design. Minimum (hardly noticeable) leakage occurs when disconnecting.
Air is not trapped in during the connecting process.

Working Pressure

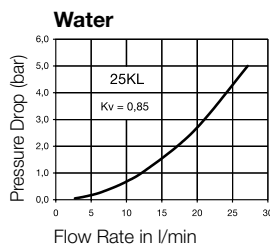
PB = 8 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

actual size

**Chart****Material****Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
Seal Bonnet
Inner Sleeve

Standard

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR
Brass
Brass

Nickel Plated**Plug**

Plug Profile
Back Body
Valve
Spring
Seal

Brass
Brass
Brass
AISI 301
NBR

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
AISI 301
NBR

You will find the following alternative versions in our current catalogue on page:

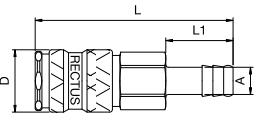
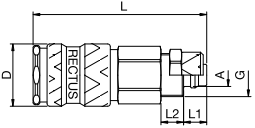
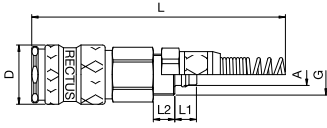
- ▶ Brass/Steel Single Shut-off P. 73
- ▶ Brass/Steel Double Shut-off P. 139
- ▶ Stainless Steel P. 230
- ▶ Safety P. 278
- ▶ Safety Self-Venting P. 290
- ▶ Coded Systems P. 303

Couplings**RECTUS Series 25KL**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	19	60	23	12					Standard	25KL AK13 BPN
	R 3/8	19	60	23	12					Standard	25KL AK17 BPN
	R 1/2	22	61	23	17					Standard	25KL AK21 BPN
 Female Thread	G 1/4	19	56	23	10					Standard	25KL IW13 BPN
	G 3/8	19	55	23	9					Standard	25KL IW17 BPN
	G 1/2	24	58	23	12					Standard	25KL IW21 BPN
	M 14 x 1,5	19	55	23	9					Standard	25KL IM14 BPN
	M 16 x 1,5	19	55	23	9					Standard	25KL IM16 BPN
	M 18 x 1,5	22	56	23	9					Standard	25KL IM18 BPN

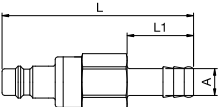
Couplings

RECTUS Series 25KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	6 mm	19	74	23	25					Standard	25KL TF06 BPN
	8 mm	19	74	23	25					Standard	25KL TF08 BPN
	9 mm	19	74	23	25					Standard	25KL TF09 BPN
	10 mm	19	74	23	25					Standard	25KL TF10 BPN
	13 mm	19	74	23	25					Standard	25KL TF13 BPN
 Plastic Hose Connection	6 x 8 mm	19	67	23	7	6			M 12 x 1	Standard	25KL KO08 BPN
	8 x 10 mm	19	155	23	9	8			M 16 x 1	Standard	25KL KO10 BPN
	9 x 12 mm	19	65	23	9	8			M 16 x 1	Standard	25KL KO12 BPN
 Plastic Hose Connection with Spring Guard	6 x 8 mm	19	144	23	7	6			M 12 x 1	Standard	25KL KK08 BPN
	8 x 10 mm	19	155	23	9	8			M 16 x 1	Standard	25KL KK10 BPN
	9 x 12 mm	19	162	23	9	8			M 16 x 1	Standard	25KL KK12 BPN

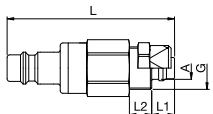
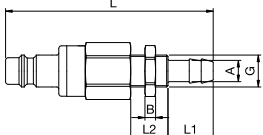
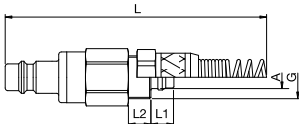
Valved Plugs

RECTUS Series 25KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	9 mm	21	60		25					Standard	25SL TF09 MPX
										Nickel Plated	25SL TF09 MPN
	10 mm	21	60		25					Standard	25SL TF10 MPX
										Nickel Plated	25SL TF10 MPN
	13 mm	21	60		25					Standard	25SL TF13 MPX
										Nickel Plated	25SL TF13 MPN

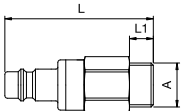
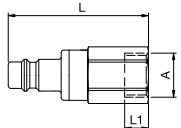
Valved Plugs

RECTUS Series 25KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Plastic Hose Connection	6 x 8 mm	21	47		7	6			M 12 x 1	Standard	25SL KO08 MPX
										Nickel Plated	25SL KO08 MPN
	8 x 10 mm	21	51		8,5	8,5			M 16 x 1	Standard	25SL KO10 MPX
										Nickel Plated	25SL KO10 MPN
	9 x 12 mm	21	51		8,5	8,5			M 16 x 1	Standard	25SL KO12 MPX
										Nickel Plated	25SL KO12 MPN
 Panel Mount, Hose Barb	6 mm	21	62		17	10	17	4	M 12 x 1	Standard	25SL TS06 MPX
										Nickel Plated	25SL TS06 MPN
	10 mm	21	74		25	14	7	3,5	G 1/4	Standard	25SL TS10 MPX
										Nickel Plated	25SL TS10 MPN
 Plastic Hose Connection with Spring Guard	6 x 8 mm	19	135		7	6			M 12 x 1	Standard	25SL KK08 MPX
										Nickel Plated	25SL KK08 MPN
	8 x 10 mm	19	145		8,5	8,5			M 16 x 1	Standard	25SL KK10 MPX
										Nickel Plated	25SL KK10 MPN
	9 x 12 mm	19	150		8,5	8,5			M 16 x 1	Standard	25SL KK12 MPX
										Nickel Plated	25SL KK12 MPN

Valved Plugs

RECTUS Series 25KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 1/4	22	43		9					Standard	25SL AW13 MPX
										Nickel Plated	25SL AW13 MPN
	G 3/8	22	43		9					Standard	25SL AW17 MPX
										Nickel Plated	25SL AW17 MPN
	G 1/2	22	46		12					Standard	25SL AW21 MPX
										Nickel Plated	25SL AW21 MPN
	M 14 x 1,5	22	44		10					Standard	25SL AD14 MPX
										Nickel Plated	25SL AD14 MPN
	M 16 x 1,5	22	45		11					Standard	25SL AD16 MPX
										Nickel Plated	25SL AD16 MPN
	M 18 x 1,5	22	45		11					Standard	25SL AD18 MPX
										Nickel Plated	25SL AD18 MPN
 Female Thread	G 1/4	22	43		10					Standard	25SL IW13 MPX
										Nickel Plated	25SL IW13 MPN
	G 3/8	22	43		9					Standard	25SL IW17 MPX
										Nickel Plated	25SL IW17 MPN
	G 1/2	24	46		12					Standard	25SL IW21 MPX
										Nickel Plated	25SL IW21 MPN
	M 14 x 1,5	22	43		9					Standard	25SL IM14 MPX
										Nickel Plated	25SL IM14 MPN
	M 16 x 1,5	22	43		9					Standard	25SL IM16 MPX
										Nickel Plated	25SL IM16 MPN
	M 18 x 1,5	22	43		9					Standard	25SL IM18 MPX
										Nickel Plated	25SL IM18 MPN



Dry-Break

Nominal Diameter

8,1 = 52 mm²

RECTUS Series

93KL



75% of actual size



You will find the following alternative versions in our current catalogue on page:

► Brass/Steel Single Shut-off P. 85

Technical Description

The 93 Series is a modular coupling and plug without an integrated locking system for installation in multi-coupling system. The complete multi-coupling is offered under our 08 Series product name. The important sliding parts are coated with PTFE to reduce frictional resistance as much as possible.

Advantages

Available in single shut-off, double shut-off with dry break or straight through versions.

Working Pressure

PB = 15 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-30°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below -15°C and above +200°C special seals are available on request.

Material**Coupling**

Back Body
Valve Body

Valve
Spring and Locking Ring
Seals

Standard

Brass, Nickel Plated
Steel Hardened and
PTFE coated
Brass
AISI 301
FKM

Plug

Plug Profile

Back Body
Valve
Spring and Locking Ring
Seal

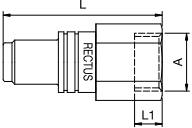
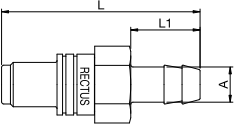
Steel Hardened and
PTFE coated
Brass, Nickel Plated
Brass
AISI 301
FKM

Couplings**RECTUS Series 93KL**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
Female Thread	G 1/2	24	48		10,1					Standard	93KL IW21 SVN
Hose Barb	9 mm	24	54		17					Standard	93KL TF09 SVN
	13 mm	24	62		25					Standard	93KL TF13 SVN

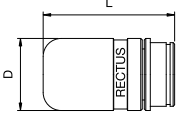
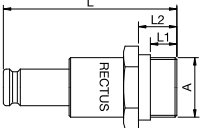
Valved Plugs

RECTUS Series 93KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Female Thread	G 1/2	24	57,5		10,1					Standard	93SL IW21 SVN
 Hose Barb	9 mm	24	63,5		17					Standard	93SL TF09 SVN
	13 mm	24	68,5		25					Standard	93SL TF13 SVN

Locking Coupling and Bolt

RECTUS Series 93KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Locking Coupling			45								94KX
 Locking Bolt		24	58		13						94SX

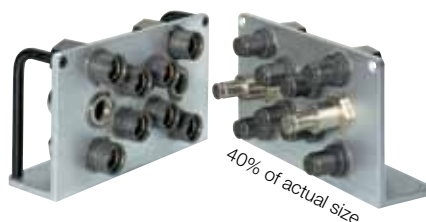


Nominal Diameter

8,1 = 52 mm²

RECTUS Series

08KL

**Technical Description**

Multi-coupling system as plate or individual components 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.

Advantages

The safety locking system prevents unintentional disconnection. Minimum (hardly noticeable) leakage occurs when disconnecting. Air is not trapped in during the connecting process. Time saving by using a multi-coupling system.

Working Pressure

PB = 15 bar, maximum static working pressure with safety factor 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below -15°C and above +200°C special seals are available on request.

Material**Coupling**

Plate with 2 Handles
8 Multi Couplings
Back Body
Plug
Inner Parts
Springs
Seals
Locking Rings
2 Locking Couplings

Plug

Plate
8 Multi-Plugs
Back Body
Plug
Inner Parts
Springs
Seals
Locking Rings
2 Locking Bolts

Standard

Aluminium, elox.

Brass, Nickel Plated
Steel Hardened, DNC-PTFE coated
Brass
AISI 301
FKM
AISI 301
Steel Hardened, Nickel Plated

Aluminium, elox.

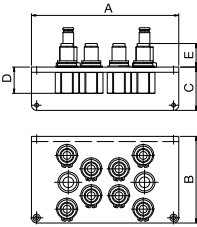
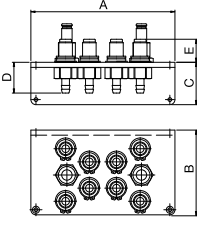
Brass, Nickel Plated
Steel Hardened, DNC-PTFE coated
Brass
AISI 301
FKM
AISI 301
Steel Hardened, Nickel Plated

You will find the following alternative versions in our current catalogue on page:

► Brass/Steel Single Shut-off P. 87

Couplings**RECTUS Series 08KL**

	Connection A	A mm	B mm	C mm	D mm	E mm				Version	Part Number
 Female Thread	G 1/2	170	100	50	30	18				Standard	08KL IW21 SVN
 Hose Barb	13 mm	170	100	50	44	18				Standard	08KL TF13 SVN

	Connection A	A mm	B mm	C mm	D mm	E mm				Version	Part Number	
 Female Thread	G 1/2	170	100	50	30	27				Standard	08SL IW21 SVN	
 Hose Barb	13 mm	170	100	50	44	27				Standard	08SL TF13 SVN	



Nominal Diameter

9 = 63,5 mm²

RECTUS Series

209KL



70 % of actual size



reddot design award
winner 2007

You will find the following alternative versions in our current catalogue on page:

► Stainless Steel

P. 234

Technical Description

Dry-break coupling systems, which stand out for their extremely low leakage rates and a minimum volume of dead space. No air locks whatsoever during connecting and negligible film of channelled medium on the valve bodies when disconnecting. Coupling systems for applications in sensitive environments, such as in analysis technology, cooling circuits, transport systems and many applications with aggressive medium.

Advantages

Single handed operation. Easy handling. Ergonomic sleeve shape. Low connecting forces. Valve body protected by collar design.

Extremely low dead volume remainings.

Interchangeability

RECTUS Design

Working Pressure

PB = 15 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature

-20°C up to +100°C (NBR)
Other sealing materials available on request.

Material

Coupling

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals

Standard

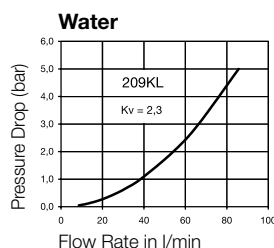
Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
AISI 303
AISI 420
NBR

Plug

Plug Profile
Back Body
Valve
Spring
Seal

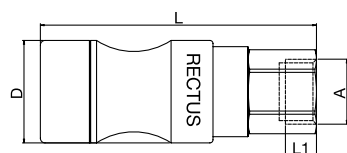
Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
AISI 303
NBR

Chart



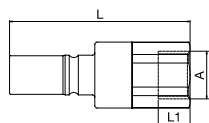
Couplings

RECTUS Series 209KL



Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/2	27	92	33	14					Standard	209KL IW21 MPN
G 3/4	32	94	33	14					Standard	209KL IW26 MPN



Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 1/2	27	79,5		14					Standard	209SL IW21 MPN
G 3/4	32	81,5		14					Standard	209SL IW26 MPN



Dry-Break

Nominal Diameter

19 = 300 mm²

RECTUS Series

39KL


45% of actual size

**Technical Description**

Industrial brass profile.
Compact dimensions with high performance characteristics.
Coupling can be used with numerous gaseous and liquid media.

Advantages

Minimum leakage when disconnecting leaves only a slight film of the medium left on the front part of the plug. Air is not trapped in during the coupling process. Compact dimensions. Extremely high flow performance.

Working Pressure

PB = 8 bar, maximum static working pressure with safety factor of 4 to 1.

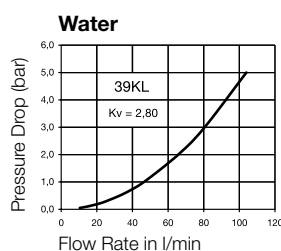
Working Temperature*

-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below -20°C and above +150°C special seals are available on request.

You will find the following alternative versions in our current catalogue on page:

- Brass/Steel Single Shut-off P. 117
- Brass/Steel Double Shut-off P. 158

Chart**Material****Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
Seal Bonnet
Inner Sleeve

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR
Brass
Brass

Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
NBR
Brass
Brass

Plug

Plug Profile
Back Body
Valve
Spring
Seal
Spring Plate

Brass
Brass
Brass
AISI 301
NBR
Brass

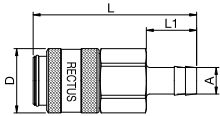
Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
AISI 301
NBR
Brass

Couplings**RECTUS Series 39KL**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 3/4	41	95	46	16					Standard	39KL AW26 MPX
										Nickel Plated	39KL AW26 MPN
	G 1	41	98	46	19					Standard	39KL AW33 MPX
										Nickel Plated	39KL AW33 MPN
	G 1 1/4	41	98	46	19					Standard	39KL AW42 MPX
										Nickel Plated	39KL AW42 MPN
 Female Thread	G 3/4	41	99	46	20					Standard	39KL IW26 MPX
										Nickel Plated	39KL IW26 MPN
	G 1/2	41	100	46	20					Standard	39KL IW33 MPX
										Nickel Plated	39KL IW33 MPN
	G 1 1/4	50	105	46	22					Standard	39KL IW42 MPX
										Nickel Plated	39KL IW42 MPN

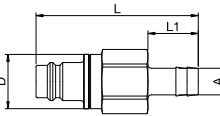
Couplings

RECTUS Series 39KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	19 mm	41	115	46	36					Standard	39KL TF19 MPX
										Nickel Plated	39KL TF19 MPN
	25 mm	41	125	46	48					Standard	39KL TF25 MPX
										Nickel Plated	39KL TF25 MPN

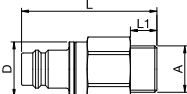
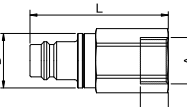
Valved Plugs

RECTUS Series 39KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	19 mm	41	114		36					Standard	39SL TF19 MPX
										Nickel Plated	39SL TF19 MPN
	25 mm	41	124		48					Standard	39SL TF25 MPX
										Nickel Plated	39SL TF25 MPN

Valved Plugs

RECTUS Series 39KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	G 3/4	41	92		16					Standard	39SL AW26 MPX
										Nickel Plated	39SL AW26 MPN
	G 1	41	95		19					Standard	39SL AW33 MPX
										Nickel Plated	39SL AW33 MPN
 Female Thread	G 1 1/4	41	95		19					Standard	39SL AW42 MPX
										Nickel Plated	39SL AW42 MPN
	G 3/4	41	96		16					Standard	39SL IW26 MPX
										Nickel Plated	39SL IW26 MPN
	G 1	41	97		24					Standard	39SL IW33 MPX
										Nickel Plated	39SL IW33 MPN
	G 1 1/4	50	102		26					Standard	39SL IW42 MPX
										Nickel Plated	39SL IW42 MPN