RECTUS Series

21KB

Nominal Diameter

20 mm² = 5

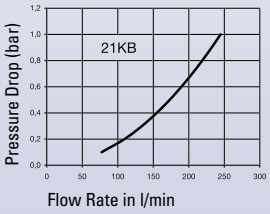
Double Shut-Off

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.

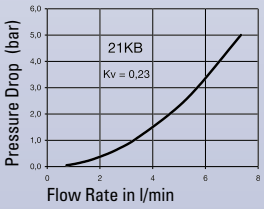
Dust Caps (P. 325)
for coupling Part.-No. SK16S

Chart

Air



Water



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.

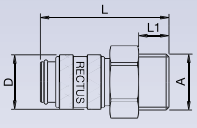
*At a temperature below -20°C and above +100°C special seals are available on request.

Materials	Standard	Nickel Plated
Coupling		
Back Body	Brass	Brass, Nickel Plated
Valve Body	Brass	Brass, Nickel Plated
Sleeve	Brass	Brass, Nickel Plated
Valve	Brass	Brass
Spring and Locking Ring	AISI 301	AISI 301
Locking Balls	AISI 420	AISI 420
Seals	NBR	NBR
Plug		
Plug Profile	Brass	Brass, Nickel Plated
Back Body	Brass	Brass, Nickel Plated
Valve	Brass	Brass
Spring	AISI 301	AISI 301
Seal	NBR	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. 152
- ▶ Stainless Steel P. 193
- ▶ Thermoplastics P. 232
- ▶ Safety P. 256
- ▶ Coded Systems P. 294

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	DS
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	▬▭

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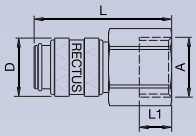
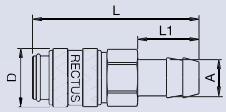
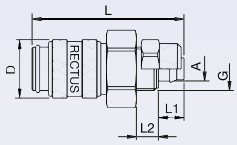
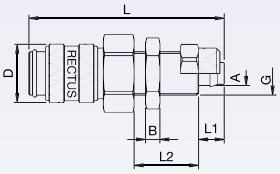
Couplings

RECTUS Series 21KB

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 **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	▬
	6 mm Parker	14	46	16	17					Standard	21KB TP06 MPX	▬
										Nickel Plated	21KB TP06 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	▬

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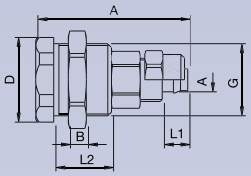
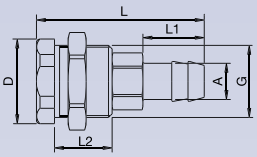
Couplings — RECTUS Series 21KB

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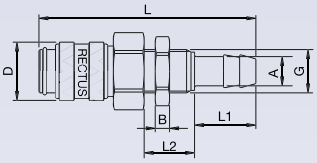 **Panel Mount, Hose Barb**	4 mm	14	60	16	17	14	14	4	M 10 x 1	Standard	21KB TS04 MPX	
										Nickel Plated	21KB TS04 MPN	
	5 mm	17	60	16	17	14	17	4	M 12 x 1	Standard	21KB TS05 MPX	
										Nickel Plated	21KB TS05 MPN	
	6 mm	17	60	16	17	14	17	4	M 12 x 1	Standard	21KB TS06 MPX	
										Nickel Plated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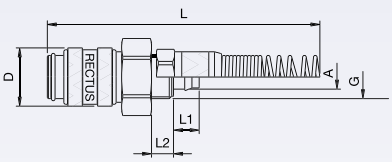 **Plastic Hose Connection with Spring Guard**	4 x 6 mm	14	125	16	7	6			M 10 x 1	Standard	21KB KK06 MPX	
										Nickel Plated	21KB KK06 MPN	
	6 x 8 mm	14	130	16	7	6			M 10 x 1	Standard	21KB KK08 MPX	
										Nickel Plated	21KB KK08 MPN	

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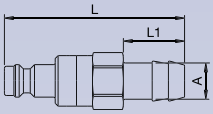
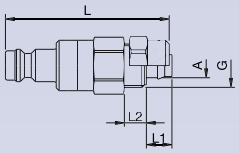
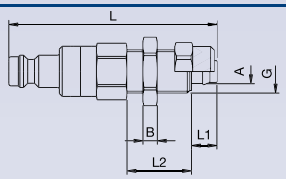
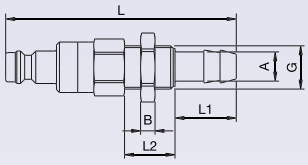
Valved Plugs

RECTUS Series 21KB

	Connection A	Hex SW	L	D	L1	L2	Hex1 SW1	B	G	Version	Part Number	DS
 **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	
	10 mm	14	50		17					Standard	21SB TF10 MPX	
										Nickel Plated	21SB TF10 MPN	
	6 mm Parker	14	54		20					Standard	21SB TP06 MPX	
										Nickel Plated	21SB TP06 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	
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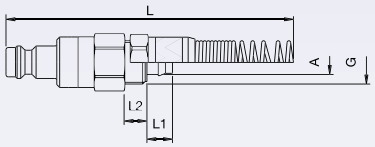 **Plastic Hose Connection with Spring Guard**	4 x 6 mm	14	130		7	6			M 10 x 1	Standard	21SB KK06 MPX	
										Nickel Plated	21SB KK06 MPN	
	6 x 8 mm	14	135		7	6			M 12 x 1	Standard	21SB KK08 MPX	
										Nickel Plated	21SB KK08 MPN	

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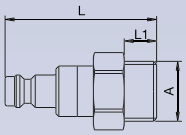
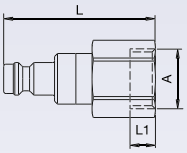
Valved Plugs — RECTUS Series 21KB



Male Thread

Connection A	Hex SW	L	D	L1	L2	Hex1 SW1	B	G	Version	Part Number	DS
G 1/8	14	40		7					Standard	21SB AW10 MPX	■
									Nickel Plated	21SB AW10 MPN	■
G 1/4	17	42		9					Standard	21SB AW13 MPX	■
									Nickel Plated	21SB AW13 MPN	■
G 3/8	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	■
M 12 x 1,5	17	43		10					Standard	21SB AD12 MPX	■
									Nickel Plated	21SB AD12 MPN	■
M 14 x 1,5	17	43		10					Standard	21SB AD14 MPX	■
									Nickel Plated	21SB AD14 MPN	■



Female Thread

Connection A	Hex SW	L	D	L1	L2	Hex1 SW1	B	G	Version	Part Number	DS
G 1/8	14	40		7					Standard	21SB IW10 MPX	■
									Nickel Plated	21SB IW10 MPN	■
G 1/4	17	42		7					Standard	21SB IW13 MPX	■
									Nickel Plated	21SB IW13 MPN	■
G 3/8	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	■
M 14 x 1,5	17	42		7					Standard	21SB IM14 MPX	■
									Nickel Plated	21SB IM14 MPN	■

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