



Nominal Diameter

5 = 20 mm²



RECTUS Series

21KA

actual size

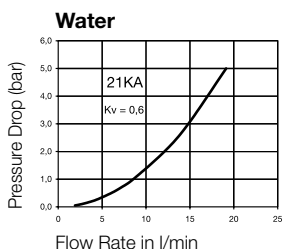
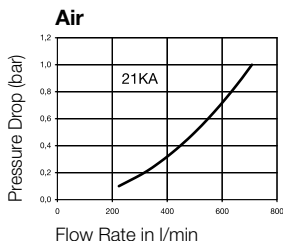


Technical Description

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. 323) 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

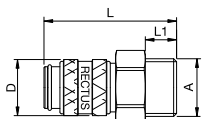
Brass, Nickel Plated

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

- ▶ Brass/Steel Double Shut-off P. 123
- ▶ Stainless Steel P. 173
- ▶ Thermoplastics P. 232
- ▶ Safety P. 256
- ▶ Coded Systems S. 292

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	DS
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	■□

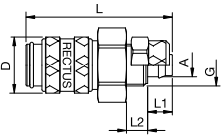
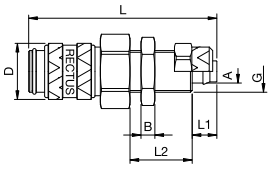
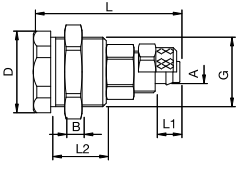
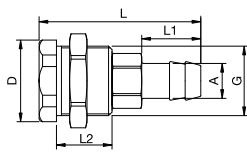
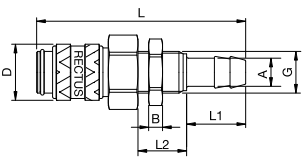
DS = Delivery Status: ■ in stock

■□ on short call

□ medium term delivery

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	DS	
 <p>Plastic Hose Connection</p>	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	■
 <p>Panel Mount, Plastic Hose Connection</p>	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	■
 <p>Front Panel Installation, Plastic Hose Panel Mount</p>	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	■□
 <p>Front Panel Installation, Hose Barb Panel Mount</p>	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	14	60	16	17	14	14	5		M 20 x 1	Standard	21KA TE10 MPX	■□	
										Nickel Plated	21KA TE10 MPN	■□	
 <p>Panel Mount, Hose Barb</p>	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	■□	

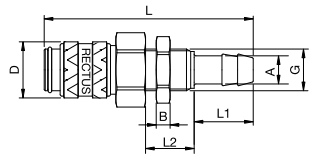
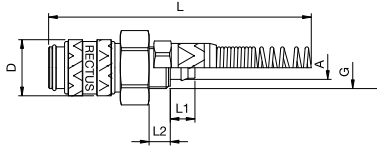
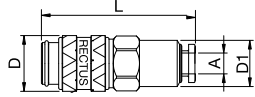
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□ medium term delivery

Couplings

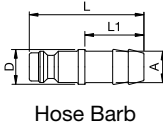
RECTUS Series 21KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 <p>Panel Mount, Hose Barb</p>	9 mm	17	60	16	17	14	19	4	M 14 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	■
 <p>Plastic Hose Connection with Spring Guard</p>	4 x 6 mm	14	125	16	7	6			M 10 x 1	Standard	21KA KK06 MPX	■
										Nickel Plated	21KA KK06 MPN	■
	6 x 8 mm	14	130	16	7	6			M 10 x 1	Standard	21KA KK08 MPX	■
										Nickel Plated	21KA KK08 MPN	■
 <p>Push-In</p>	6 mm	14	43,5	13,2						Nickel Plated	21KA RP06 MPN	■
	8 mm	17	48	15,4						Nickel Plated	21KA RP08 MPN	■

Plugs

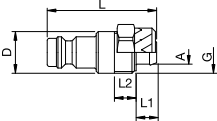
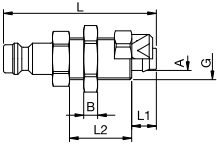
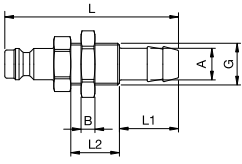
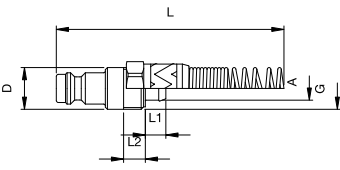
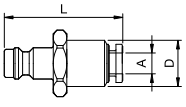
RECTUS Series 21KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
	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

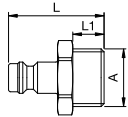
RECTUS Series 21KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS	
 <p>Plastic Hose Connection</p>	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	□	
 <p>Panel Mount, Plastic Hose Connection</p>	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	■
 <p>Panel Mount, Hose Barb</p>	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 10 x 1	Standard	21SF TS08 MXX	■
											Nickel Plated	21SF TS08 MXN	□
	9 mm		14	50	17	14	17	4		M 10 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	□	
 <p>Plastic Hose Connection with Spring Guard</p>	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	■
 <p>Push-In</p>	6 mm		17	30,5	13,2					Nickel Plated	21SF RP06 MPN	■	
										8 mm	17	37	15,4

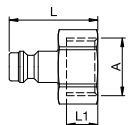
DS = Delivery Status: ■ in stock

□ on short call

□ medium term delivery



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	DS
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	■□