

Nominal Diameter

5 = 20 mm²



RECTUS Series

21KA

actual size

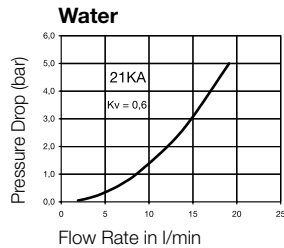
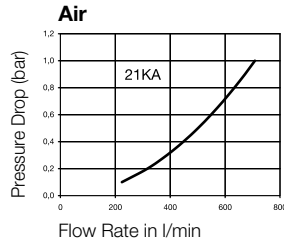


Technical Description

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

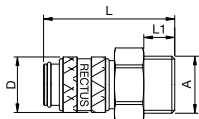
Brass, Nickel Plated

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

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- ▶ Stainless Steel P. 185
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- ▶ Coded Systems S. 300

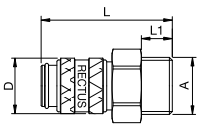
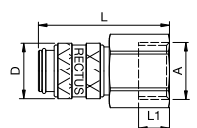
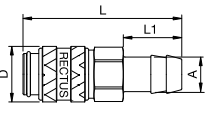
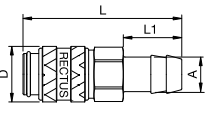
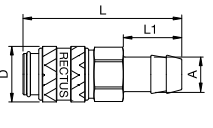
Couplings

RECTUS Series 21KA



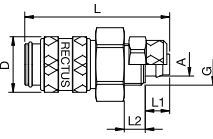
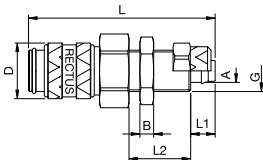
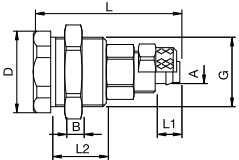
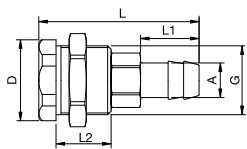
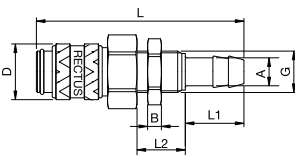
Male Thread

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

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	M 14 x 1,5	17	39	16	10					Standard	21KA AD14 MPX
										Nickel Plated	21KA AD14 MPN
 <p>Female Thread</p>	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
 <p>Hose Barb</p>	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
 <p>Hose Barb</p>	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
 <p>Hose Barb</p>	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

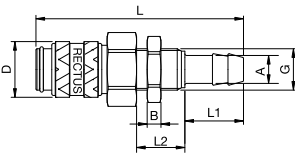
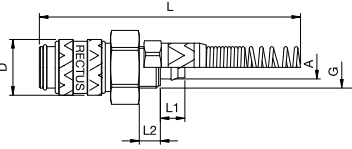
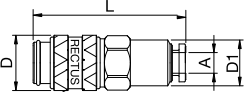
Couplings

RECTUS Series 21KA

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

Couplings

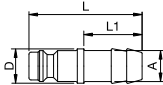
RECTUS Series 21KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 <p>Panel Mount, Hose Barb</p>	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
 <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	16,15						Nickel Plated	21KA RP06 MPN
	8 mm	17	48	16,15						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
	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



Hose Barb



Nominal Diameter

5 = 20 mm²



RECTUS Series

21KA

actual size

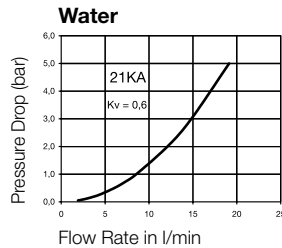
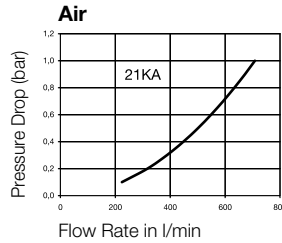


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Mini industrial coupling, the world's most commonly used profile. Above average flow performance for liquid and gaseous media. Large band width in materials and valve variants.

Dust Caps (P. 331) for coupling Part.-No. SK16S

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Valve
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Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

Brass, Nickel Plated
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Brass
AISI 301
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NBR

Plug

Plug

Brass

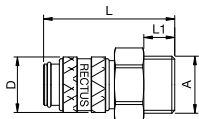
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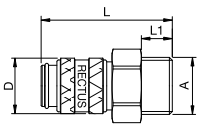
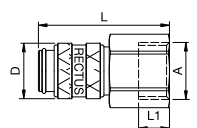
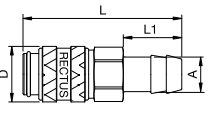
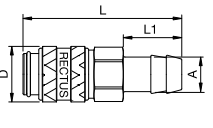
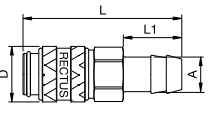
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									Nickel Plated	21KA AW13 MPN
G 3/8	19	38	16	9					Standard	21KA AW17 MPX
									Nickel Plated	21KA AW17 MPN
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 <p>Female Thread</p>	G 1/8	14	36	16	9					Standard	21KA IW10 MPX
										Nickel 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
 <p>Hose Barb</p>	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
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										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
 <p>Hose Barb</p>	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