



Nominal Diameter

5 = 20 mm<sup>2</sup>

RECTUS Series

21KS



actual size



Technical Description

Mini industrial coupling, the world's most commonly used profile. Above average flow performance for liquid and gaseous media. It also uses an additional safety locking system. This prevents unintentional disconnection. When being disconnected, the plug must first be pushed further into the coupling before it can be disconnected.

Advantages

Small dimensions. The safety locking system prevents unauthorized disconnection.

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.

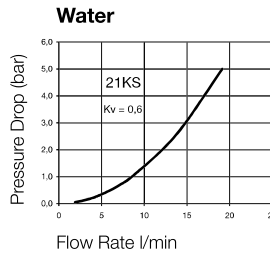
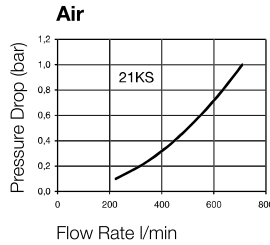
Dust Caps (P. 331)

for coupling Part.-No. SK16S



\*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 Double Shut-off P. 276
- ▶ Coded Systems P. 300
- ▶ Brass/Steel P. 34
- ▶ Stainless Steel P. 185
- ▶ Thermoplastics P. 242

Material

Coupling

Back Body  
 Valve Body  
 Sleeve  
 Valve  
 Spring and Locking Rings  
 Locking Balls  
 Seal

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

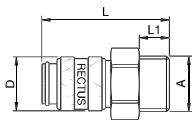
Plug

Brass

Brass, Nickel Plated

Couplings

RECTUS Series 21KS



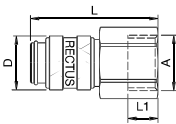
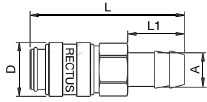
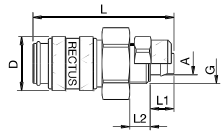
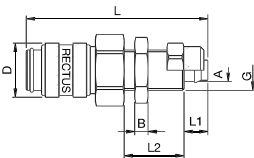
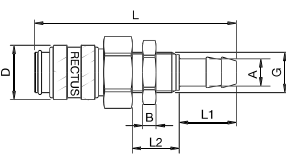
Male Thread

ISO 8434-1

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	21KS AW10 MPX
									Nickel Plated	21KS AW10 MPN
G 1/4	17	38	16	9					Standard	21KS AW13 MPX
									Nickel Plated	21KS AW13 MPN
G 3/8	19	38	16	9					Standard	21KS AW17 MPX
									Nickel Plated	21KS AW17 MPN
M 12 x 1,5	17	39	16	10					Standard	21KS AD12 MPX
									Nickel Plated	21KS AD12 MPN
M 14 x 1,5	17	39	16	10					Standard	21KS AD14 MPX
									Nickel Plated	21KS AD14 MPN

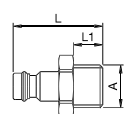
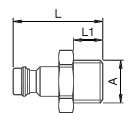
# Couplings

# RECTUS Series 21KS

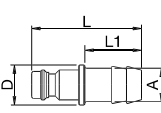
	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	
 <p>Female Thread</p>	G 1/8	14	36	16	9					Standard	21KS IW10 MPX	
										Nickel Plated	21KS IW10 MPN	
	G 1/4	17	38	16	9						Standard	21KS IW13 MPX
											Nickel Plated	21KS IW13 MPN
	G 3/8	19	38	16	6						Standard	21KS IW17 MPX
											Nickel Plated	21KS IW17 MPN
	M 12 x 1,5	17	38	16	6						Standard	21KS IM12 MPX
											Nickel Plated	21KS IM12 MPN
	M 14 x 1,5	17	38	16	6						Standard	21KS IM14 MPX
											Nickel Plated	21KS IM14 MPN
	 <p>Hose Barb</p>	4 mm	14	46	16	17					Standard	21KS TF04 MPX
											Nickel Plated	21KS TF04 MPN
5 mm		14	46	16	17						Standard	21KS TF05 MPX
											Nickel Plated	21KS TF05 MPN
6 mm		14	46	16	17						Standard	21KS TF06 MPX
											Nickel Plated	21KS TF06 MPN
8 mm		14	46	16	17						Standard	21KS TF08 MPX
											Nickel Plated	21KS TF08 MPN
9 mm		14	46	16	17						Standard	21KS TF09 MPX
											Nickel Plated	21KS TF09 MPN
10 mm		14	46	16	17						Standard	21KS TF10 MPX
											Nickel Plated	21KS TF10 MPN
 <p>Plastic Hose Connection</p>	4 x 6 mm	14	42	16	7	6			M 10 x 1	Standard	21KS KO06 MPX	
										Nickel Plated	21KS KO06 MPN	
	6 x 8 mm	14	42	16	7	6				M 12 x 1	Standard	21KS KO08 MPX
											Nickel Plated	21KS KO08 MPN
 <p>Panel Mount, Plastic Hose Connection</p>	4 x 6 mm	14	54	16	7	18	14	4	M 10 x 1	Standard	21KS KS06 MPX	
										Nickel Plated	21KS KS06 MPN	
	6 x 8 mm	17	54	16	7	18	17	4	M 12 x 1	Standard	21KS KS08 MPX	
										Nickel Plated	21KS KS08 MPN	
 <p>Panel Mount, Hose Barb</p>	4 mm	14	60	16	17	14	14	4	M 10 x 1	Standard	21KS TS04 MPX	
										Nickel Plated	21KS TS04 MPN	
	5 mm	17	60	16	17	14	17	4	M 12 x 1	Standard	21KS TS05 MPX	
										Nickel Plated	21KS TS05 MPN	
	6 mm	17	60	16	17	14	17	4	M 12 x 1	Standard	21KS TS06 MPX	

⚠ Please consider our security advices on the pages 12/13 ⚠

**Plugs** **RECTUS Series 21KS**

	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>	G 1/8	14	25	7						Standard	21SS AW10 MXX
										Nickel Plated	21SS AW10 MXN
	G 1/4	17	28	9						Standard	21SS AW13 MXX
										Nickel Plated	21SS AW13 MXN
 <p>Female Thread</p>	G 1/8	14	25	8						Standard	21SS IW10 MXX
										Nickel Plated	21SS IW10 MXN
	G 1/4	17	25	9						Standard	21SS IW13 MXX
										Nickel Plated	21SS IW13 MXN

**Plugs** **RECTUS Series 21KS**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 <p>Hose Barb</p>	4 mm		32	9	17					Standard	21SS TF04 MXX
										Nickel Plated	21SS TF04 MXN
	6 mm		32	9	17					Standard	21SS TF06 MXX
										Nickel Plated	21SS TF06 MXN
	8 mm		32	9	17					Standard	21SS TF08 MXX
										Nickel Plated	21SS TF08 MXN
	9 mm		33	10	17					Standard	21SS TF09 MXX
										Nickel Plated	21SS TF09 MXN
	10 mm		33	12	17					Standard	21SS TF10 MXX
										Nickel Plated	21SS TF10 MXN