



Nominal Diameter

**2,7** = 6 mm<sup>2</sup>

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**

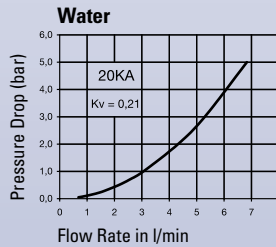
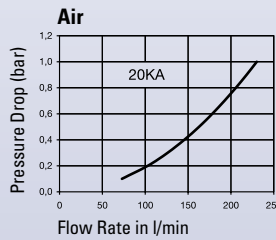
RECTUS 91  
WALTHER 06-003

**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. 170

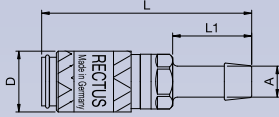
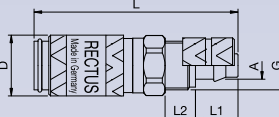
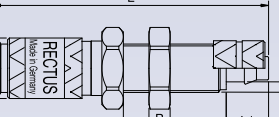
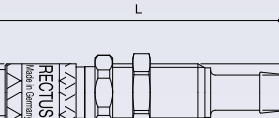
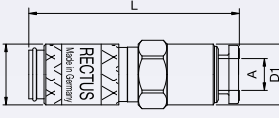
Material	Standard	Nickel Plated
<b>Coupling</b>		
Back Body	Brass	Brass, Nickel Plated
Valve Body	Brass	Brass, Nickel Plated
Sleeve	Brass	Brass, Nickel Plated
Valve	Brass	Brass
Spring and Locking Ring	AISI 301	AISI 301
Locking Balls	AISI 420	AISI 420
Seals	NBR	NBR
<b>Plug</b>		
Plug	Brass	Brass, Nickel 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	DS
<p><b>Male Thread</b></p>	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	■
<p><b>Female Thread</b></p>	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	■

DS = Delivery Status: ■ in stock □ on short call □ medium term delivery

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 <p><b>Hose Barb</b></p>	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	■
 <p><b>Plastic Hose Connection</b></p>	3 x 4 mm	9	34	10	7	5		M 7 x 0,5	Standard	20KA K004 MPX	■	
										Nickel Plated	20KA K004 MPN	■
	3 x 5 mm	9	34	10	7	5		M 7 x 0,5	Standard	20KA K005 MPX	■	
										Nickel Plated	20KA K005 MPN	■
	4 x 6 mm	9	34	10	7	5		M 8 x 0,5	Standard	20KA K006 MPX	■	
										Nickel Plated	20KA K006 MPN	■
 <p><b>Panel Mount, Plastic Hose Connection</b></p>	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	■
 <p><b>Panel Mount, Hose Barb</b></p>	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	■
 <p><b>Push-In</b></p>	4 mm	10	35	10					Standard	20KA RP04 MPN	■	

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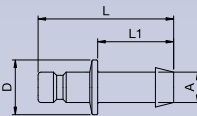
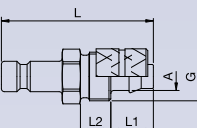
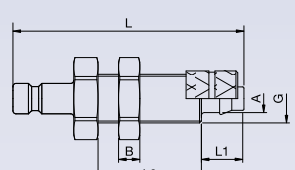
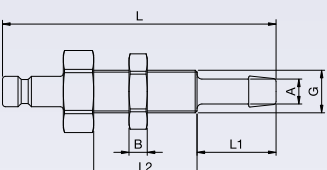
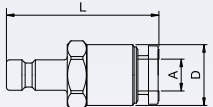
■ in stock

■□ on short call

□ medium term delivery

## Plugs

## RECTUS Series 20KA

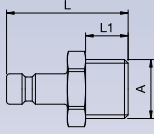
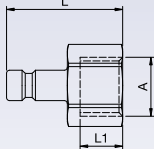
	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS	
 <p><b>Hose Barb</b></p>	3 mm		24	7	13					Standard	20SF TF03 MXX	■	
										Nickel Plated	20SF TF03 MXN	■	
	4 mm		24	7	13						Standard	20SF TF04 MXX	■
											Nickel Plated	20SF TF04 MXN	■
	5 mm		22	9	13						Standard	20SF TF05 MXX	■
											Nickel Plated	20SF TF05 MXN	■
 <p><b>Plastic Hose Connection</b></p>	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	■
 <p><b>Panel Mount, Plastic Hose Connection</b></p>	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	■
 <p><b>Panel Mount, Hose Barb</b></p>	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	■
 <p><b>Push-In</b></p>	4 mm	10	35	10						Nickel Plated	20SF RP04 MPN	■	

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	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 <p><b>Male Thread</b></p>	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	■
 <p><b>Female Thread</b></p>	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	■

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