



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.

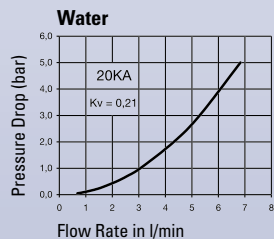
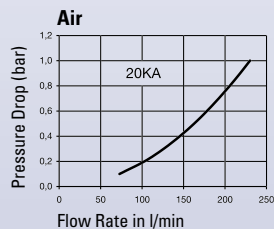
**Interchangeability**

RECTUS 91  
WALTHER 06-003

**Working Temperature\***

-15°C up to +200°C (FKM)  
depending on the medium.

\*At a temperature below -15°C and above +200°C special seals are available on request.

**Chart**

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

- ▶ Stainless Steel Double Shut-off P. 188
- ▶ Brass/Steel Single Shut-off P. 26

**Material**

AISI 303

AISI 316 L

**Coupling**

Back Body  
Valve Body  
Sleeve  
Valve  
Spring and Locking Ring  
Locking Balls  
Seals

AISI 303

AISI 316 L

AISI 303

AISI 316 L

AISI 303

AISI 316 L

AISI 301

AISI 316 Ti

AISI 420

AISI 420

FKM

FKM

**Plug**

Plug

AISI 303

AISI 316 L

**Couplings****RECTUS Series 20KA**

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex SW1	B mm	G mm	Version	Part Number	DS
<p><b>Male Thread</b></p>	M 5	9	26	10	5					AISI 303	20KA AM05 RVX	■
										AISI 316 L	20KA AM05 EVX	■□
<p><b>Female Thread</b></p>	G 1/8	11	28	10	7					AISI 303	20KA AW10 RVX	■
										AISI 316 L	20KA AW10 EVX	■□
	M 5	9	25	10	5					AISI 303	20KA IM05 RVX	■□
										AISI 316 L	20KA IM05 EVX	■□
	G 1/8	12	28	10	7					AISI 303	20KA IW10 RVX	■
										AISI 316 L	20KA IW10 EVX	■□

DS = Delivery Status

■ in stock

■□ on short call

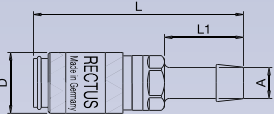
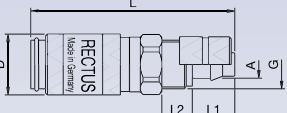
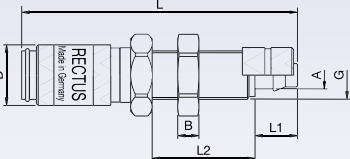
■□ medium term delivery

# Couplings

# RECTUS Series 20KA

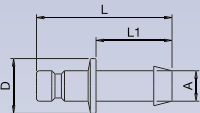
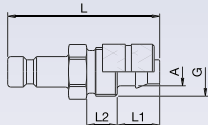
Stainless Steel

Low Pressure

	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					AISI 303	20KA TF03 RVX	■
	4 mm		35	10	13					AISI 303	20KA TF04 RVX	■
						AISI 316 L	20KA TF04 EVX	■				
5 mm		35	10	13					AISI 303	20KA TF05 RVX	■	
 <p><b>Plastic Hose Connection</b></p>	3 x 4 mm	9	34	10	7	5		M 7 x 0,5	AISI 303	20KA K004 RVX	■	
									AISI 316 L	20KA K004 EVX	■	
	3 x 5 mm	9	34	10	7	5		M 7 x 0,5	AISI 303	20KA K005 RVX	■	
									AISI 316 L	20KA K005 EVX	■	
	4 x 6 mm	9	34	10	7	5		M 8 x 0,5	AISI 303	20KA K006 RVX	■	
									AISI 316 L	20KA K006 EVX	■	
 <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	AISI 303	20KA KS04 RVX	■
	3 x 5 mm	12	45	10	7	17	11	3	M 7 x 0,5	AISI 303	20KA KS05 RVX	■
	4 x 6 mm	12	45	10	7	17	11	3	M 8 x 0,5	AISI 303	20KA KS06 RVX	■

# 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					AISI 303	20SF TF03 RXX	■
								AISI 316 L	20SF TF03 EXX	■		
	4 mm		24	7	13					AISI 303	20SF TF04 RXX	■
							AISI 316 L	20SF TF04 EXX	■			
	5 mm		22	9	13					AISI 303	20SF TF05 RXX	■
							AISI 316 L	20SF TF05 EXX	■			
 <p><b>Plastic Hose Connection</b></p>	3 x 4 mm	8	25	7	5		M 7 x 0,5	AISI 303	20SF K004 RXX	■		
								AISI 316 L	20SF K004 EXX	■		
	3 x 5 mm	8	25	7	5		M 7 x 0,5	AISI 303	20SF K005 RXX	■		
								AISI 316 L	20SF K005 EXX	■		
	4 x 6 mm	8	25	7	5		M 8 x 0,5	AISI 303	20SF K006 RXX	■		
								AISI 316 L	20SF K006 EXX	■		

DS = Delivery Status:

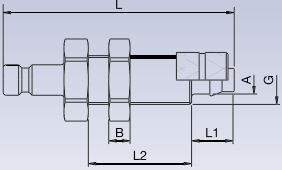
■ in stock

■ on short call

■ medium term delivery

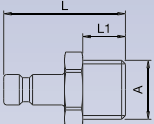
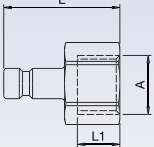
## Couplings

## 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>Panel Mount, Plastic Hose Connection</b></p>	4 x 6 mm	12	38		7	17	12	3	M 8 x 0,5	AISI 303	20SF KS06 RXX	■□

## 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>Male Thread</b></p>	M 5	7	18		5					AISI 303	20SF AM05 RXX	■
										AISI 316 L	20SF AM05 EXX	■
	G 1/8	11	20		7					AISI 303	20SF AW10 RXX	■
										AISI 316 L	20SF AW10 EXX	■
 <p><b>Female Thread</b></p>	M 5	7	17		5				AISI 303	20SF IM05 RXX	■	
										AISI 316 L	20SF IM05 EXX	□
	G 1/8	12	19		7					AISI 303	20SF IW10 RXX	■
										AISI 316 L	20SF IW10 EXX	■

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