



Nominal Diameter

2,7 = 5 mm<sup>2</sup>

RECTUS Series



20KB

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 medical technology and chemistry/pharmacy.

**Advantages**

Single handed operation. Small dimensions. Minimal pressure drop.

**Working Pressure**

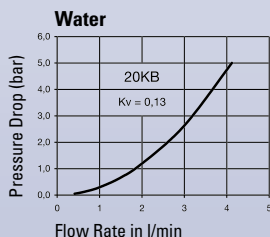
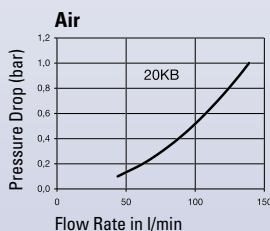
PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

**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 Single Shut-off P. 170
- ▶ 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 303
- AISI 303
- AISI 303
- AISI 301
- AISI 316
- FKM

- AISI 316 L
- AISI 316 L
- AISI 316 L
- AISI 316 L
- AISI 316 Ti
- AISI 316
- FKM

**Plug**

- Plug Profile
- Back Body
- Valve
- Spring
- Seal

- AISI 303
- AISI 303
- AISI 303
- AISI 301
- FKM

- AISI 316 L
- AISI 316 L
- AISI 316 L
- AISI 316 Ti
- FKM

**Couplings**

**RECTUS Series 20KB**

	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					AISI 303	20KB AM05 RVX	■ □
										AISI 316 L	20KB AM05 EVX	■ □
	G 1/8	11	28	10	7					AISI 303	20KB AW10 RVX	■ □
										AISI 316 L	20KB AW10 EVX	■ □
<p><b>Female Thread</b></p>	M 5	9	25	10	5					AISI 303	20KB IM05 RVX	■ □
										AISI 316 L	20KB IM05 EVX	■ □
	G 1/8	12	28	10	7					AISI 303	20KB IW10 RVX	■ □
										AISI 316 L	20KB IW10 EVX	■ □

DS = Delivery Status

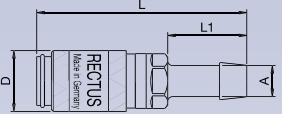
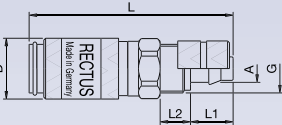
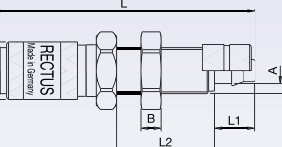
■ in stock

□ on short call

■ □ medium term delivery

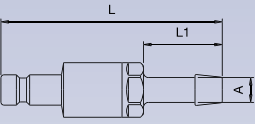
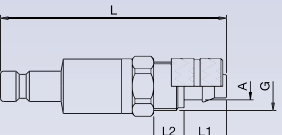
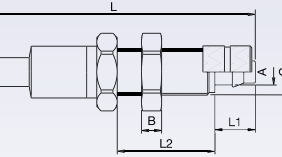
# Couplings

# RECTUS Series 20KB

	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	20KB TF03 RVX	■
	4 mm		35	10	13					AISI 303	20KB TF04 RVX	■
						AISI 316 L	20KB TF04 EVX	■				
5 mm		35	10	13					AISI 303	20KB 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	20KB K004 RVX	■	
									AISI 316 L	20KB K004 EVX	■	
	3 x 5 mm	9	34	10	7	5		M 7 x 0,5	AISI 303	20KB K005 RVX	■	
									AISI 316 L	20KB K005 EVX	■	
4 x 6 mm	9	34	10	7	5		M 8 x 0,5	AISI 303	20KB K006 RVX	■		
								AISI 316 L	20KB 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	20KB KS04 RVX	■
	3 x 5 mm	12	45	10	7	17	11	3	M 7 x 0,5	AISI 303	20KB KS05 RVX	■
	4 x 6 mm	12	45	10	7	17	12	3,5	M 10 x 0,5	AISI 303	20KB KS06 RVX	■

# Valved Plugs

# RECTUS Series 20KB

	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	8	37		13					AISI 303	20SB TF03 RVX	■
	4 mm	8	37		13					AISI 303	20SB TF04 RVX	■
						AISI 316 L	20SB TF04 EVX	■				
5 mm	8	37		13					AISI 303	20SB TF05 RVX	■	
 <p><b>Plastic Hose Connection</b></p>	3 x 4 mm	9	36		7	5		M 7 x 0,5	AISI 303	20SB K004 RVX	■	
							AISI 316 L		20SB K004 EVX	■		
	3 x 5 mm	9	36		7	5		M 7 x 0,5	AISI 303	20SB K005 RVX	■	
							AISI 316 L		20SB K005 EVX	■		
4 x 6 mm	9	36		7	5		M 8 x 0,5	AISI 303	20SB K006 RVX	■		
						AISI 316 L		20SB K006 EVX	■			
 <p><b>Panel Mount, Plastic Hose Connection</b></p>	3 x 4 mm	12	47		7	17	11	3	M 7 x 0,5	AISI 303	20SB KS04 RVX	■
	3 x 5 mm	12	47		7	17	11	3	M 7 x 0,5	AISI 303	20SB KS05 RVX	■
	4 x 6 mm	12	47		7	17	12	3,5	M 8 x 0,5	AISI 303	20SB KS06 RVX	■

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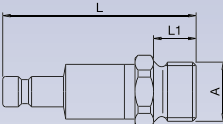
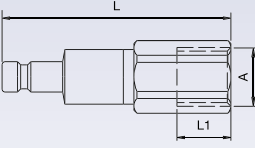
■ in stock

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□ medium term delivery

## Valved Plugs

## RECTUS Series 20KB

	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	28		5					AISI 303	20SB AM05 RVX	■
										AISI 316 L	20SB AM05 EVX	■
	G 1/8	11	30		7					AISI 303	20SB AW10 RVX	■
										AISI 316 L	20SB AW10 EVX	■
 <p><b>Female Thread</b></p>	M 5	9	27		5				AISI 303	20SB IM05 RVX	■	
										AISI 316 L	20SB IM05 EVX	■
	G 1/8	12	30		7					AISI 303	20SB IW10 RVX	■
										AISI 316 L	20SB IW10 EVX	■

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