

Nominal Diameter

2,7 = 5 mm²

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.

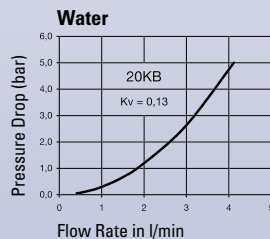
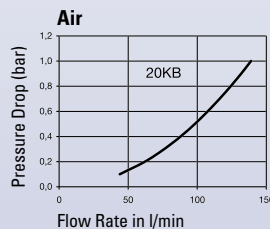
Working Pressure

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

Working Temperature*

-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 Single Shut-off P. 26
- ▶ Stainless Steel P. 188

Material**Coupling**

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Locking Balls
Seals
(Sleeve made of Aluminium, elox. on request)

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 Profile
Back Body
Valve
Spring
Seal

Brass
Brass
Brass
AISI 301
NBR

Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
NBR

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>Male Thread</p>	M5	9	26	10	5					Standard	20KB AM05 MPX	■
										Nickel Plated	20KB AM05 MPN	■□
	G 1/8	11	28	10	7					Standard	20KB AW10 MPX	■
										Nickel Plated	20KB AW10 MPN	■
<p>Female Thread</p>	M5	9	26	10	5					Standard	20KB IM05 MPX	■□
										Nickel Plated	20KB IM05 MPN	■□
	G 1/8	12	28	10	7					Standard	20KB IW10 MPX	■
										Nickel Plated	20KB IW10 MPN	■□

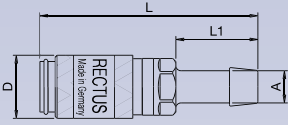
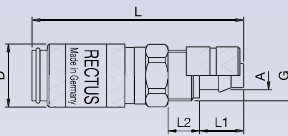
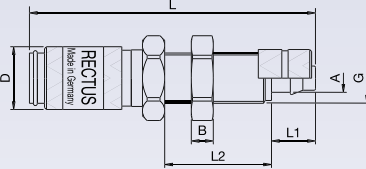
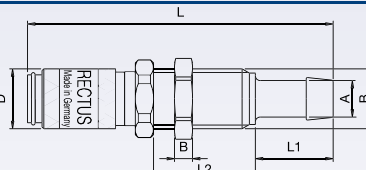
DS = Delivery Status: ■ in stock

■□ on short call

□ medium term delivery

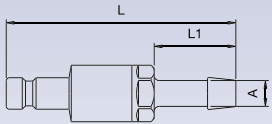
Couplings

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>Hose Barb</p>	3 mm		35	10	13					Standard	20KB TF03 MPX	■ □
										Nickel Plated	20KBTF03MPN	■ □
	4 mm		35	10	13					Standard	20KB TF04 MPX	■ □
										Nickel Plated	20KB TF04 MPN	■ □
	5 mm		34	10	13					Standard	20KB TF05 MPX	■ □
										Nickel Plated	20KB TF05 MPN	■ □
 <p>Plastic Hose Connection</p>	3 x 4 mm	9	34	10	7	5				Standard	20KB K004 MPX	■ □
										Nickel Plated	20KB K004 MPN	■ □
	3 x 5 mm	9	34	10	7	5				Standard	20KB K005 MPX	■ □
										Nickel Plated	20KB K005 MPN	■ □
	4 x 6 mm	9	34	10	7	5				Standard	20KB K006 MPX	■ □
										Nickel Plated	20KB K006 MPN	■ □
 <p>Panel Mount, Plastic Hose Connection</p>	3 x 4 mm	12	45	10	7	17	11	3	M 7 x 0,5	Standard	20KB KS04 MPX	■ □
										Nickel Plated	20KB KS04 MPN	■ □
	3 x 5 mm	12	45	10	7	17	11	3	M 7 x 0,5	Standard	20KB KS05 MPX	■ □
										Nickel Plated	20KB KS05 MPN	■ □
	4 x 6 mm	12	45	10	7	17	12	3,5	M 8 x 0,5	Standard	20KB KS06 MPX	■ □
										Nickel Plated	20KB KS06 MPN	■ □
 <p>Panel Mount, Hose Barb</p>	3 mm	12	51	10	13	17	11	3	M 7 x 0,5	Standard	20KB TS03 MPX	■ □
										Nickel Plated	20KB TS03 MPN	■ □
	4 mm	12	51	10	13	17	11	3	M 7 x 0,5	Standard	20KB TS04 MPX	■ □
										Nickel Plated	20KB TS04 MPN	■ □

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>Hose Barb</p>	3 mm	8	36		13					Standard	20SB TF03 MPX	■ □
										Nickel Plated	20SB TF03 MPN	■ □
	4 mm	8	36		13					Standard	20SB TF04 MPX	■ □
										Nickel Plated	20SB TF04 MPN	■ □
	5 mm	8	36		13					Standard	20SB TF05 MPX	■ □
										Nickel Plated	20SB TF05 MPN	■ □

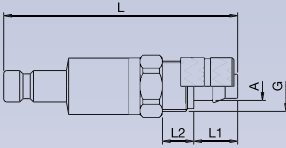
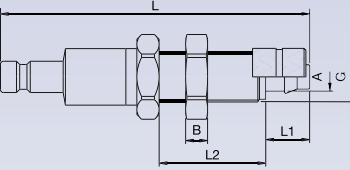
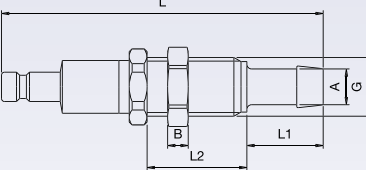
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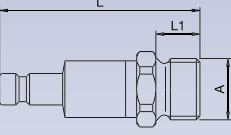
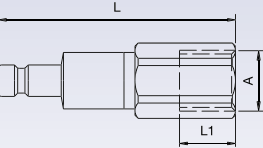
Valved Plugs

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>Plastic Hose Connection</p>	3 x 4 mm	9	30,5		7	5			M 7 x 0,5	Standard	20SB KO04 MPX	■
										Nickel Plated	20SB KO04 MPN	□
	3 x 5 mm	9	30,5		7	5			M 7 x 0,5	Standard	20SB KO05 MPX	■
										Nickel Plated	20SB KO05 MPN	□
	4 x 6 mm	9	30,5		7	5			M 8 x 0,5	Standard	20SB KO06 MPX	■
										Nickel Plated	20SB KO06 MPN	□
 <p>Panel Mount, Plastic Hose Connection</p>	3 x 4 mm	12	46,5		7	17	11	3	M 7 x 0,5	Standard	20SB KS04 MPX	■
										Nickel Plated	20SB KS04 MPN	□
	3 x 5 mm	12	46,5		7	17	11	3	M 7 x 0,5	Standard	20SB KS05 MPX	■
										Nickel Plated	20SB KS05 MPN	□
	4 x 6 mm	12	46,5		7	17	12	3,5	M 8 x 0,5	Standard	20SB KS06 MPX	■
										Nickel Plated	20SB KS06 MPN	□
 <p>Panel Mount, Hose Barb</p>	3 mm	12	52,5		13	17	11	3	M 7 x 0,5	Standard	20SB TS03 MPX	■
										Nickel Plated	20SB TS03 MPN	□
	4 mm	12	52,5		13	17	11	3	M 7 x 0,5	Standard	20SB TS04 MPX	■
										Nickel Plated	20SB TS04 MPN	□
	6 mm	12	46,5		13	17	12	3	M 10 x 1	Standard	20SB TS06 MPX	■
										Nickel Plated	20SB TS06 MPN	□

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>Male Thread</p>	M 5	9	28		5					Standard	20SB AM05 MPX	■
										Nickel Plated	20SB AM05 MPN	□
	G 1/8	11	30		7					Standard	20SB AW10 MPX	■
										Nickel Plated	20SB AW10 MPN	□
 <p>Female Thread</p>	M 5	9	26		5					Standard	20SB IM05 MPX	■
										Nickel Plated	20SB IM05 MPN	□
	G 1/8	12	30		7					Standard	20SB IW10 MPX	■
										Nickel Plated	20SB IW10 MPN	□

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