



Nominal Diameter

5 = 20 mm²

RECTUS Series



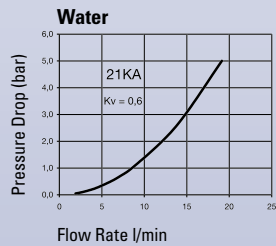
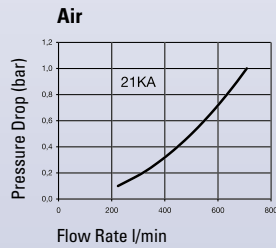
21KA



Technical Description

The 21 KA series is a small, single hand operated quick connect coupling with high air flow. This series has excellent capabilities wherever space plays a major role. The 21 series provides an excellent solution for the connecting of different media with the inherent danger of making the wrong connection. Four standard codes with matching colors for the coupling and the respective plugs make sure there is no mix-up of the media when connecting.

Chart



Double shut-off and straight through couplings are available on request.

Advantages

A quality coupling with small dimensions. Single handed operation, high flow rate for its size. Multiple connection options. Cannot be inter-connected with the standard 21 series.

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) depending on the medium.

Dust Caps (P. 325)

for coupling Part-No. SK16S



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

- ▶ Brass/Steel P. 34
- ▶ Stainless Steel P. 173
- ▶ Thermoplastics P. 232
- ▶ Safety P. 256

| Material | Standard | Brass, Nickel plated |
|-------------------------|---|--|
| Coupling | | |
| Back Body | Brass | Brass, Nickel Plated |
| Valve Body | Brass | Brass, Nickel Plated |
| Sleeve | Aluminium, elox. | Aluminium, elox. |
| Valve | Brass | Brass |
| Spring and Locking Ring | AISI 301 | AISI 301 |
| Locking Balls | AISI 420 | AISI 420 |
| Seals | NBR | NBR |
| Plug | | |
| | Brass with anodized aluminium designation | Brass, Nickel Plated with anodized aluminium designation |
| | see Part Number MPX, MXX | see Part Number MPN, MXN |

Couplings

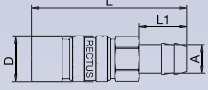
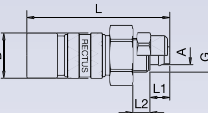
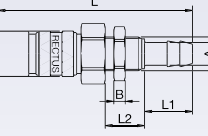
RECTUS Series 21KA

| | A | Hex SW | L mm | D mm | L1 mm | L2 mm | Hex1 SW1 | B mm | G mm | ○ green Part Number | △ brown Part Number | ⬡ blue Part Number | ○ red Part Number | DS | |
|-----------------------------|-------|--------|------|------|-------|-------|----------|------|------|---------------------|---------------------|--------------------|-------------------|----------------|-----|
| <p>Male Thread</p> | G 1/8 | 14 | 47 | 16 | 7 | | | | | 21KA AW10 MPX0 | 21KA AW10 MPX3 | 21KA AW10 MPX6 | 21KA AW10 MPX8 | ■ □ | |
| | | | | | | | | | | 21KA AW10 MPN0 | 21KA AW10 MPN3 | 21KA AW10 MPN6 | 21KA AW10 MPN8 | ■ □ | |
| | G 1/4 | 17 | 47 | 16 | 9 | | | | | | 21KA AW13 MPX0 | 21KA AW13 MPX3 | 21KA AW13 MPX6 | 21KA AW13 MPX8 | ■ □ |
| | | | | | | | | | | | 21KA AW13 MPN0 | 21KA AW13 MPN3 | 21KA AW13 MPN6 | 21KA AW13 MPN8 | ■ □ |
| <p>Female Thread</p> | G 1/8 | 14 | 47 | 16 | 7 | | | | | 21KA IW10 MPX0 | 21KA IW10 MPX3 | 21KA IW10 MPX6 | 21KA IW10 MPX8 | ■ □ | |
| | | | | | | | | | | 21KA IW10 MPN0 | 21KA IW10 MPN3 | 21KA IW10 MPN6 | 21KA IW10 MPN8 | ■ □ | |
| | G 1/4 | 17 | 47 | 16 | 9 | | | | | | 21KA IW13 MPX0 | 21KA IW13 MPX3 | 21KA IW13 MPX6 | 21KA IW13 MPX8 | ■ □ |
| | | | | | | | | | | | 21KA IW13 MPN0 | 21KA IW13 MPN3 | 21KA IW13 MPN6 | 21KA IW13 MPN8 | ■ □ |

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

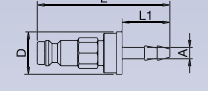
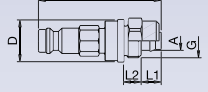
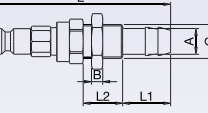
Couplings

RECTUS Series 21KA

| | A | Hex SW | L mm | D mm | L1 mm | L2 mm | Hex1 SW1 | B mm | G mm | ○ green Part Number | △ brown Part Number | ⬡ blue Part Number | ○ red Part Number | DS |
|--|--------|--------|------|------|-------|-------|----------|------|----------|---------------------|---------------------|--------------------|-------------------|----|
|  <p>Hose Barb</p> | 4 mm | 14 | 69 | 16 | 17 | | | | | 21KA TF04 MPX0 | 21KA TF04 MPX3 | 21KA TF04 MPX6 | 21KA TF04 MPX8 | ■ |
| | 4 mm | 14 | 69 | 16 | 17 | | | | | 21KA TF04 MPN0 | 21KA TF04 MPN3 | 21KA TF04 MPN6 | 21KA TF04 MPN8 | ■ |
| | 6 mm | 14 | 69 | 16 | 17 | | | | | 21KA TF06 MPX0 | 21KA TF06 MPX3 | 21KA TF06 MPX6 | 21KA TF06 MPX8 | ■ |
| | 6 mm | 14 | 69 | 16 | 17 | | | | | 21KA TF06 MPN0 | 21KA TF06 MPN3 | 21KA TF06 MPN6 | 21KA TF06 MPN8 | ■ |
| | 8 mm | 14 | 69 | 16 | 17 | | | | | 21KA TF08 MPX0 | 21KA TF08 MPX3 | 21KA TF08 MPX6 | 21KA TF08 MPX8 | ■ |
| | 8 mm | 14 | 69 | 16 | 17 | | | | | 21KA TF08 MPN0 | 21KA TF08 MPN3 | 21KA TF08 MPN6 | 21KA TF08 MPN8 | ■ |
| | 9 mm | 14 | 69 | 16 | 17 | | | | | 21KA TF09 MPX0 | 21KA TF09 MPX3 | 21KA TF09 MPX6 | 21KA TF09 MPX8 | ■ |
| | 9 mm | 14 | 69 | 16 | 17 | | | | | 21KA TF09 MPN0 | 21KA TF09 MPN3 | 21KA TF09 MPN6 | 21KA TF09 MPN8 | ■ |
| | 10 mm | 14 | 69 | 16 | 17 | | | | | 21KA TF10 MPX0 | 21KA TF10 MPX3 | 21KA TF10 MPX6 | 21KA TF10 MPX8 | ■ |
| | 10 mm | 14 | 69 | 16 | 17 | | | | | 21KA TF10 MPN0 | 21KA TF10 MPN3 | 21KA TF10 MPN6 | 21KA TF10 MPN8 | ■ |
|  <p>Plastic Hose Connection</p> | 4x6 mm | 14 | 51 | 16 | 7 | 6 | | | M 10 x 1 | 21KA KO06 MPX0 | 21KA KO06 MPX3 | 21KA KO06 MPX6 | 21KA KO06 MPX8 | ■ |
| | | | | | | | | | | 21KA KO06 MPN0 | 21KA KO06 MPN3 | 21KA KO06 MPN6 | 21KA KO06 MPN8 | ■ |
| | 6x8 mm | 14 | 51 | 16 | 7 | 6 | | | M 12 x 1 | 21KA KO08 MPX0 | 21KA KO08 MPX3 | 21KA KO08 MPX6 | 21KA KO08 MPX8 | ■ |
| | | | | | | | | | | 21KA KO08 MPN0 | 21KA KO08 MPN3 | 21KA KO08 MPN6 | 21KA KO08 MPN8 | ■ |
|  <p>Bulkhead Fitting for Hose Barb</p> | 4 mm | 14 | 69 | 16 | 14 | 17 | 14 | 4 | M 10 x 1 | 21KA TS04 MPX0 | 21KA TS04 MPX3 | 21KA TS04 MPX6 | 21KA TS04 MPX8 | ■ |
| | | | | | | | | | | 21KA TS04 MPN0 | 21KA TS04 MPN3 | 21KA TS04 MPN6 | 21KA TS04 MPN8 | ■ |
| | 5 mm | 14 | 69 | 16 | 14 | 17 | 17 | 4 | M 12 x 1 | 21KA TS05 MPX0 | 21KA TS05 MPX3 | 21KA TS05 MPX6 | 21KA TS05 MPX8 | ■ |
| | | | | | | | | | | 21KA TS05 MPN0 | 21KA TS05 MPN3 | 21KA TS05 MPN6 | 21KA TS05 MPN8 | ■ |
| | 6 mm | 14 | 69 | 16 | 14 | 17 | 17 | 4 | M 12 x 1 | 21KA TS06 MPX0 | 21KA TS06 MPX3 | 21KA TS06 MPX6 | 21KA TS06 MPX8 | ■ |
| | | | | | | | | | | 21KA TS06 MPN0 | 21KA TS06 MPN3 | 21KA TS06 MPN6 | 21KA TS06 MPN8 | ■ |
| | 8 mm | 14 | 69 | 16 | 14 | 17 | 17 | 4 | M 12 x 1 | 21KA TS08 MPX0 | 21KA TS08 MPX3 | 21KA TS08 MPX6 | 21KA TS08 MPX8 | ■ |
| | | | | | | | | | | 21KA TS08 MPN0 | 21KA TS08 MPN3 | 21KA TS08 MPN6 | 21KA TS08 MPN8 | ■ |

Plugs

RECTUS Series 21KA

| | A | Hex SW | L mm | D mm | L1 mm | L2 mm | Hex1 SW1 | B mm | G mm | ○ green Part Number | △ brown Part Number | ⬡ blue Part Number | ○ red Part Number | DS |
|---|--------|--------|------|------|-------|-------|----------|------|----------|---------------------|---------------------|--------------------|-------------------|----|
|  <p>Hose Barb</p> | 4 mm | | 47 | 15 | 17 | | | | | 21SF TF04 MXX0 | 21SF TF04 MXX3 | 21SF TF04 MXX6 | 21SF TF04 MXX8 | ■ |
| | | | | | | | | | | 21SF TF04 MXN0 | 21SF TF04 MXN3 | 21SF TF04 MXN6 | 21SF TF04 MXN8 | ■ |
| | 6 mm | | 47 | 15 | 17 | | | | | 21SF TF06 MXX0 | 21SF TF06 MXX3 | 21SF TF06 MXX6 | 21SF TF06 MXX8 | ■ |
| | | | | | | | | | | 21SF TF06 MXN0 | 21SF TF06 MXN3 | 21SF TF06 MXN6 | 21SF TF06 MXN8 | ■ |
|  <p>Plastic Hose Connection</p> | 4x6 mm | | 43 | 15 | 7 | 6 | | | M 10 x 1 | 21SF KO06 MXX0 | 21SF KO06 MXX3 | 21SF KO06 MXX6 | 21SF KO06 MXX8 | ■ |
| | | | | | | | | | | 21SF KO06 MXN0 | 21SF KO06 MXN3 | 21SF KO06 MXN6 | 21SF KO06 MXN8 | ■ |
| | 6x8 mm | | 43,5 | 15 | 7 | 6 | | | M 12 x 1 | 21SF KO08 MXX0 | 21SF KO08 MXX3 | 21SF KO08 MXX6 | 21SF KO08 MXX8 | ■ |
| | | | | | | | | | | 21SF KO08 MXN0 | 21SF KO08 MXN3 | 21SF KO08 MXN6 | 21SF KO08 MXN8 | ■ |
|  <p>Bulkhead Fitting for Hose Barb</p> | 4 mm | 17 | 63 | | 17 | 14 | 14 | 4 | M 10 x 1 | 21SF TS04 MXX0 | 21SF TS04 MXX3 | 21SF TS04 MXX6 | 21SF TS04 MXX8 | ■ |
| | | | | | | | | | | 21SF TS04 MXN0 | 21SF TS04 MXN3 | 21SF TS04 MXN6 | 21SF TS04 MXN8 | ■ |
| | 6 mm | 17 | 63 | | 17 | 14 | 17 | 4 | M 12 x 1 | 21SF TS06 MXX0 | 21SF TS06 MXX3 | 21SF TS06 MXX6 | 21SF TS06 MXX8 | ■ |
| | | | | | | | | | | 21SF TS06 MXN0 | 21SF TS06 MXN3 | 21SF TS06 MXN6 | 21SF TS06 MXN8 | ■ |

DS = Delivery Status:

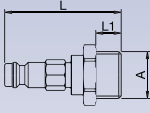
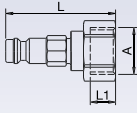
■ in stock

■ on short call

■ medium term delivery

Plugs

RECTUS Series 21KA

| | A | Hex SW | L mm | D mm | L1 mm | L2 mm | Hex1 SW1 | B mm | G mm | ○ green Part Number | △ brown Part Number | ⬡ blue Part Number | ○ red Part Number | DS |
|---|-------|--------|------|------|-------|-------|----------|------|------|---------------------|---------------------|--------------------|-------------------|----|
|  <p>Male Thread</p> | G 1/8 | 17 | 39,5 | 7 | | | | | | 21SF AW10 MXX0 | 21SF AW10 MXX3 | 21SF AW10 MXX6 | 21SF AW10 MXX8 | ■ |
| | | | | | | | | | | 21SF AW10 MXN0 | 21SF AW10 MXN3 | 21SF AW10 MXN6 | 21SF AW10 MXN8 | ■ |
| | G 1/4 | 17 | 41,5 | 9 | | | | | | 21SF AW13 MXX0 | 21SF AW13 MXX3 | 21SF AW13 MXX6 | 21SF AW13 MXX8 | ■ |
| | | | | | | | | | | 21SF AW13 MXN0 | 21SF AW13 MXN3 | 21SF AW13 MXN6 | 21SF AW13 MXN8 | □ |
|  <p>Female Thread</p> | G 1/8 | 17 | 38,5 | 5 | | | | | | 21SF IW10 MXX0 | 21SF IW10 MXX3 | 21SF IW10 MXX6 | 21SF IW10 MXX8 | ■ |
| | | | | | | | | | | 21SF IW10 MXN0 | 21SF IW10 MXN3 | 21SF IW10 MXN6 | 21SF IW10 MXN8 | □ |
| | G 1/4 | 17 | 39 | 7 | | | | | | 21SF IW13 MXX0 | 21SF IW13 MXX3 | 21SF IW13 MXX6 | 21SF IW13 MXX8 | ■ |
| | | | | | | | | | | 21SF IW13 MXN0 | 21SF IW13 MXN3 | 21SF IW13 MXN6 | 21SF IW13 MXN8 | □ |

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