



Technical Description

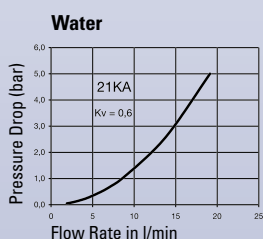
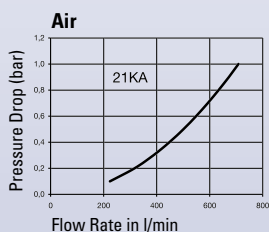
Mini industrial coupling, the world's most commonly used profile. Above average flow performance for liquid and gaseous media. Large band width in materials and valve variants.

Dust Caps (P. 325)

for coupling Part-No. SK16S



Chart



Advantages

Single handed operation. Small dimensions. All variants interchangeable.

Interchangeability

RECTUS 90
CAMMOZZI
EWO
KANI

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)
0°C up to +316°C (FFKM)
depending on the medium.

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

Material

Coupling

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

Plug

Plug

AISI 303

AISI 303
AISI 303
AISI 303
AISI 303
AISI 301
AISI 420
FKM

AISI 303

AISI 316 L

AISI 316 L
AISI 316 L
AISI 316 L
AISI 316 L
AISI 316 Ti
AISI 420
FKM

AISI 316 L



actual size

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

- ▶ Stainless Steel Double Shut-off P. 193
- ▶ Stainless Steel Dry-Break P. 212
- ▶ Thermoplastics P. 232
- ▶ Brass/Steel P. 34
- ▶ Safety P. 256
- ▶ Coded Systems P. 294

Couplings

RECTUS Series 21KA

| | 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> | G 1/8 | 14 | 36 | 16 | 7 | | | | | AISI 303 | 21KA AW10 RVX | ■ |
| | | | | | | | | | | AISI 316 L | 21KA AW10 EVX | ■ |
| | G 1/4 | 17 | 38 | 16 | 9 | | | | | AISI 303 | 21KA AW13 RVX | ■ |
| | | | | | | | | | | AISI 316 L | 21KA AW13 EVX | ■ |
| | G 3/8 | 19 | 38 | 16 | 9 | | | | | AISI 303 | 21KA AW17 RVX | ■ |
| | | | | | | | | | | AISI 316 L | 21KA AW17 EVX | ■ □ |
| M 12 x 1,5 | 14 | 38 | 16 | 9 | | | | | AISI 303 | 21KA AM12 RVX | ■ □ | |
| M 14 x 1,5 | 17 | 39 | 16 | 10 | | | | | AISI 303 | 21KA AM14 RVX | ■ □ | |

DS = Delivery Status:

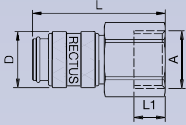
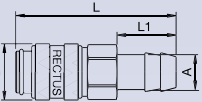
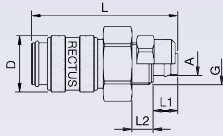
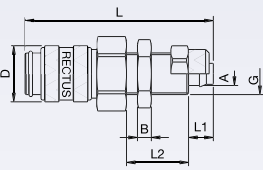
■ in stock

■ □ on short call

□ medium term delivery

Couplings

RECTUS Series 21KA

| | Connection A | Hex SW | L mm | D mm | L1 mm | L2 mm | Hex1 SW1 | B mm | G mm | Version | Part Number | DS |
|--|--------------|--------|------|------|-------|-------|----------|------|------------|---------------|---------------|----|
|  <p>Female Thread</p> | G 1/8 | 14 | 36 | 16 | 5 | | | | | AISI 303 | 21KA IW10 RVX | ■ |
| | | | | | | | | | | AISI 316 L | 21KA IW10 EVX | ■□ |
| | G 1/4 | 17 | 38 | 16 | 9 | | | | | AISI 303 | 21KA IW13 RVX | ■ |
| | | | | | | | | | | AISI 316 L | 21KA IW13 EVX | ■□ |
| | G 3/8 | 19 | 38 | 16 | 9 | | | | | AISI 303 | 21KA IW17 RVX | ■ |
| | | | | | | | | | | AISI 316 L | 21KA IW17 EVX | ■□ |
| | M 12 x 1,5 | 17 | 38 | 16 | 9 | | | | | AISI 303 | 21KA IM12 RVX | ■□ |
| | M 14 x 1,5 | 17 | 38 | 16 | 9 | | | | | AISI 303 | 21KA IM14 RVX | ■□ |
|  <p>Hose Barb</p> | 4 mm | 14 | 46 | 16 | 17 | | | | | AISI 303 | 21KA TF04 RVX | ■□ |
| | | | | | | | | | | AISI 316 L | 21KA TF04 EVX | ■□ |
| | 6 mm | 14 | 46 | 16 | 17 | | | | | AISI 303 | 21KA TF06 RVX | ■□ |
| | | | | | | | | | | AISI 316 L | 21KA TF06 EVX | ■□ |
| | 8 mm | 14 | 46 | 16 | 17 | | | | | AISI 303 | 21KA TF08 RVX | ■□ |
| | | | | | | | | | | AISI 316 L | 21KA TF08 EVX | ■□ |
| | 9 mm | 14 | 46 | 16 | 17 | | | | | AISI 303 | 21KA TF09 RVX | ■□ |
| | | | | | | | | | AISI 316 L | 21KA TF09 EVX | ■□ | |
| | 10 mm | 14 | 46 | 16 | 17 | | | | | AISI 303 | 21KA TF10 RVX | ■□ |
| | | | | | | | | | | AISI 316 L | 21KA TF10 EVX | ■□ |
| | 6 mm Parker | 14 | 50 | 16 | 20 | | | | | AISI 303 | 21KA TP06 RVX | ■□ |
|  <p>Plastic Hose Connection</p> | 4 x 6 mm | 14 | 42 | 16 | 7 | 6 | | | M 10 x 1 | AISI 303 | 21KA K006 RVX | ■□ |
| | | | | | | | | | | AISI 316 L | 21KA K006 EVX | ■□ |
| | 6 x 8 mm | 14 | 42 | 16 | 7 | 6 | | | M 12 x 1 | AISI 303 | 21KA K008 RVX | ■ |
| | | | | | | | | | | AISI 316 L | 21KA K008 EVX | ■□ |
|  <p>Panel Mount, Plastic Hose Connection</p> | 4 x 6 mm | 14 | 54 | 16 | 7 | 18 | 14 | 4 | M 10 x 1 | AISI 303 | 21KA KS06 RVX | ■□ |
| | | | | | | | | | | AISI 316 L | 21KA KS06 EVX | ■□ |
| | 6 x 8 mm | 17 | 54 | 16 | 7 | 18 | 17 | 4 | M 12 x 1 | AISI 303 | 21KA KS08 RVX | ■□ |

DS = Delivery Status

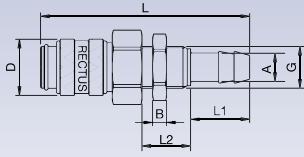
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□ medium term delivery

Couplings

RECTUS Series 21KA

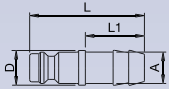


**Panel Mount,
Hose Barb**

| Connection A | Hex SW | L mm | D mm | L1 mm | L2 mm | Hex1 SW1 | B mm | G mm | Version | Part Number | DS |
|--------------|--------|------|------|-------|-------|----------|------|----------|----------|---------------|-----|
| 5 mm | 17 | 60 | 16 | 17 | 14 | 17 | 4 | M 12 x 1 | AISI 303 | 21KA TS05 RVX | ■ □ |
| 6 mm | 17 | 60 | 16 | 17 | 14 | 17 | 4 | M 12 x 1 | AISI 303 | 21KA TS06 RVX | ■ □ |
| 8 mm | 17 | 60 | 16 | 17 | 14 | 17 | 4 | M 12 x 1 | AISI 303 | 21KA TS08 RVX | ■ □ |

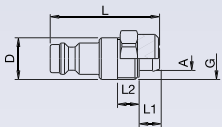
Plugs

RECTUS Series 21KA



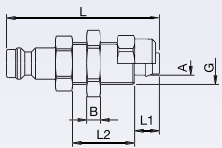
Hose Barb

| Connection A | Hex SW | L mm | D mm | L1 mm | L2 mm | Hex1 SW1 | B mm | G mm | Version | Part Number | DS |
|--------------|--------|------|------|-------|-------|----------|------|------|------------------------|--------------------------------|-----|
| 4 mm | | 32 | 9 | 17 | | | | | AISI 303 | 21SF TF04 RXX | ■ |
| 5 mm | | 32 | 9 | 17 | | | | | AISI 303 | 21SF TF05 RXX | ■ |
| 6 mm | | 32 | 9 | 17 | | | | | AISI 303 AISI 316 L | 21SF TF06 RXX 21SF TF06 EXX | ■ ■ |
| 8 mm | | 32 | 9 | 17 | | | | | AISI 303 AISI 316 L | 21SF TF08 RXX 21SF TF08 EXX | ■ ■ |
| 9 mm | | 33 | 10 | 17 | | | | | AISI 303 AISI 316 L | 21SF TF09 RXX 21SF TF09 EXX | ■ □ |
| 10 mm | | 33 | 12 | 17 | | | | | AISI 303 AISI 316 L | 21SF TF10 RXX 21SF TF10 EXX | ■ ■ |
| 6 mm Parker | | 36 | 12 | 20 | | | | | AISI 303 | 21SF TP06 RXX | ■ □ |



Plastic Hose Connection

| | | | | | | | | | | | |
|----------|----|----|--|---|---|----|--|----------|------------------------|--------------------------------|-----|
| 4 x 6 mm | 12 | 32 | | 7 | 6 | 12 | | M 10 x 1 | AISI 303 AISI 316 L | 21SF KO06 RXX 21SF KO06 EXX | ■ □ |
| 6 x 8 mm | 14 | 32 | | 7 | 6 | 14 | | M 12 x 1 | AISI 303 AISI 316 L | 21SF KO08 RXX 21SF KO08 EXX | ■ □ |



**Panel Mount,
Plastic Hose Connection**

| | | | | | | | | | | | |
|----------|----|----|--|---|----|----|---|----------|------------------------|--------------------------------|-----|
| 4 x 6 mm | 14 | 43 | | 7 | 18 | 12 | 3 | M 10 x 1 | AISI 303 AISI 316 L | 21SF KS06 RXX 21SF KS06 EXX | ■ □ |
| 6 x 8 mm | 14 | 44 | | 7 | 18 | 17 | 4 | M 12 x 1 | AISI 303 | 21SF KS08 RXX | ■ |

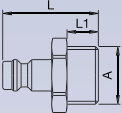
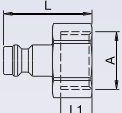
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Plugs

RECTUS Series 21KA

| | 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> | G 1/8 | 14 | 25 | | 7 | | | | | AISI 303 | 21SF AW10 RXX | ■ |
| | | | | | | | | | | AISI 316 L | 21SF AW10 EXX | ■ |
| | G 1/4 | 17 | 28 | | 9 | | | | | AISI 303 | 21SF AW13 RXX | ■ |
| | | | | | | | | | | AISI 316 L | 21SF AW13 EXX | ■ |
| | G 3/8 | 19 | 28 | | 9 | | | | | AISI 303 | 21SF AW17 RXX | ■ |
| | | | | | | | | | | AISI 316 L | 21SF AW17 EXX | □ |
| | M 10 x 1 | 14 | 25 | | 7 | | | | | AISI 303 | 21SF AM10 RXX | □ |
| | M 12 x 1,5 | 17 | 28 | | 10 | | | | | AISI 303 | 21SF AM12 RXX | □ |
| M 14 x 1,5 | 17 | 28 | | 10 | | | | | AISI 303 | 21SF AD14 RXX | □ | |
|  <p>Female Thread</p> | G 1/8 | 14 | 25 | | 8 | | | | | AISI 303 | 21SF IW10 RXX | ■ |
| | | | | | | | | | | AISI 316 L | 21SF IW10 EXX | ■ |
| | G 1/4 | 17 | 25 | | 9 | | | | | AISI 303 | 21SF IW13 RXX | ■ |
| | | | | | | | | | | AISI 316 L | 21SF IW13 EXX | ■ |
| | G 3/8 | 19 | 26 | | 9 | | | | | AISI 303 | 21SF IW17 RXX | ■ |
| | | | | | | | | | | AISI 316 L | 21SF IW17 EXX | □ |
| | M 10 x 1 | 14 | 26 | | 9 | | | | | AISI 303 | 21SF IM10 RXX | □ |
| | M 12 x 1,5 | 17 | 27 | | 10 | | | | | AISI 303 | 21SF IM12 RXX | □ |
| M 14 x 1,5 | 17 | 27 | | 10 | | | | | AISI 303 | 21SF IM14 RXX | □ | |

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