



Nominal Diameter

5 = 20 mm<sup>2</sup>

RECTUS Series

21KA



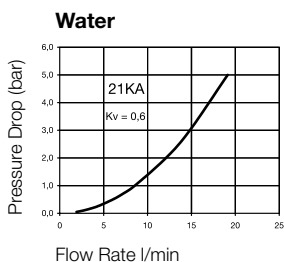
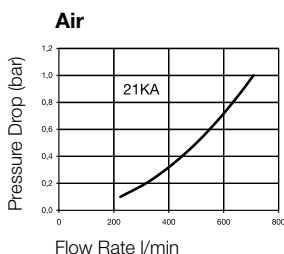
50% of actual size



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

Chart



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

- ▶ Brass/Steel P. 34
- ▶ Stainless Steel P. 185
- ▶ Thermoplastics P. 242
- ▶ Safety P. 266

when connecting. 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. 331)

for coupling Part.-No. SK16S



Material

Coupling

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

Standard

Brass  
Brass  
Aluminium, elox.  
Brass  
AISI 301  
  
AISI 420  
NBR

Brass, Nickel plated

Brass, Nickel Plated  
Brass, Nickel Plated  
Aluminium, elox.  
Brass  
AISI 301

Plug

Brass  
with anodized aluminium designation

Brass, Nickel Plated  
with anodized aluminium designation

see Part Number  
MPX, MXX

see Part Number  
MPN, MXN

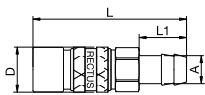
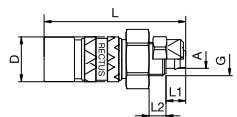
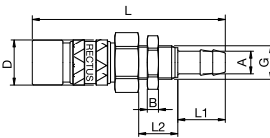
Couplings

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
<p>Male Thread</p>	G 1/8	14	44,9	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
<p>Female Thread</p>	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>Male Thread</p>	G 1/8	14	44,9	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
<p>Female Thread</p>	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

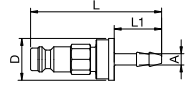
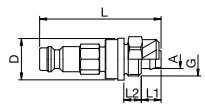
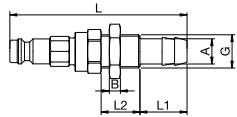
### Couplings

### 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
 <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>	4x6mm	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
	6x8mm	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

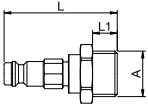
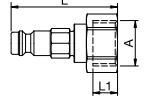
### Plugs

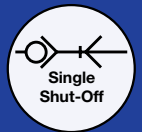
### RECTUS Series 21KA

	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
 <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

⚠ Please consider our security advices on the pages 12/13 ⚠

**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
 Male Thread	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
 Female Thread	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	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
	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



### Technical Description

The 25 series UltraFlo valve enables this single handed, quick connect coupling to be used in applications where higher flow rates are required. Although similar to the 21 series, the 25 series is an excellent solution for the problem of connecting different media. Four standard codes matching the coupling and the respective plug ensure that media are not mixed up

when connecting. Double shut-off and straight- through couplings are available upon request. Cannot be interconnected with the Rectus standard 25 series.

### Advantages

A quality coupling with compact dimensions. Single handed operation, high flow rate for its size. Multiple options for connecting.

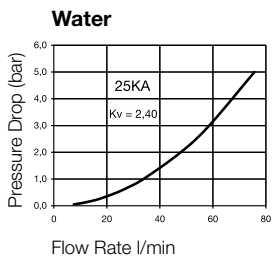
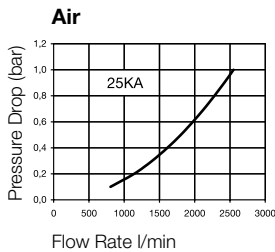
### Working Pressure

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.

### Chart



### Material

#### Coupling

Back Body  
Valve Body  
Sleeve  
Valve

Spring and Locking Ring  
Locking Balls  
Seals

#### Plug

### Standard

Brass  
Brass  
Aluminium, elox.  
Zinc Diecasting, Nickel Plated  
AISI 301

AISI 420  
NBR

**see Part Number BPX, MXX**

### Brass, Nickel plated

Brass, Nickel Plated  
Brass, Nickel Plated  
Aluminium, elox.  
Zinc Diecasting, Nickel Plated  
AISI 301

AISI 420  
NBR

Brass, Nickel Plated with anodized aluminium designation

**see Part Number BPN, MXN**

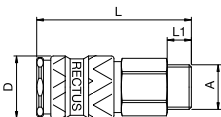


You will find the following alternative versions in our current catalogue on page:

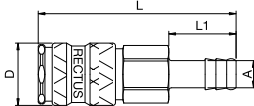
- ▶ Brass/Steel P. 73
- ▶ Stainless Steel P. 192
- ▶ Safety P. 270
- ▶ Safety Self-Venting P. 290

## Couplings

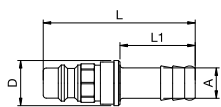
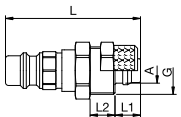
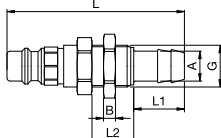
## RECTUS Series 25KA

	A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW	B mm	G mm	○	△	⬡	○
										green Part Number	brown Part Number	blue Part Number	red Part Number
 <p>Male Thread</p>	G 1/4	19	57,5	23	12					25KA AW13 BPX0	25KA AW13 BPX3	25KA AW13 BPX6	25KA AW13 BPX8
										25KA AW13 BPN0	25KA AW13 BPN3	25KA AW13 BPN6	25KA AW13 BPN8
	G 3/8	19	57,5	23	12					25KA AW17 BPX0	25KA AW17 BPX3	25KA AW17 BPX6	25KA AW17 BPX8
										25KA AW17 BPN0	25KA AW17 BPN3	25KA AW17 BPN6	25KA AW17 BPN8
	G 1/2	22	61	23	17					25KA AW21 BPX0	25KA AW21 BPX3	25KA AW21 BPX6	25KA AW21 BPX8
										25KA AW21 BPN0	25KA AW21 BPN3	25KA AW21 BPN6	25KA AW21 BPN8
	G 1/4	19	55	23	10					25KA IW13 BPX0	25KA IW13 BPX3	25KA IW13 BPX6	25KA IW13 BPX8
										25KA IW13 BPN0	25KA IW13 BPN3	25KA IW13 BPN6	25KA IW13 BPN8
	G 3/8	19	55	23	9					25KA IW17 BPX0	25KA IW17 BPX3	25KA IW17 BPX6	25KA IW17 BPX8
										25KA IW17 BPN0	25KA IW17 BPN3	25KA IW17 BPN6	25KA IW17 BPN8
	G 1/2	24	58	23	12					25KA IW21 BPX0	25KA IW21 BPX3	25KA IW21 BPX6	25KA IW21 BPX8
										25KA IW21 BPN0	25KA IW21 BPN3	25KA IW21 BPN6	25KA IW21 BPN8

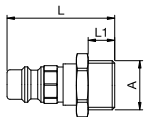
## Couplings RECTUS Series 25KA

	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
 <p>Hose Barb</p>	6 mm	19	74	23	25					25KA TF06 BPX0 25KA TF06 BPN0	25KA TF06 BPX3 25KA TF06 BPN3	25KA TF06 BPX6 25KA TF06 BPN6	25KA TF06 BPX8 25KA TF06 BPN8
	9 mm	19	74	23	25					25KA TF09 BPX0 25KA TF09 BPN0	25KA TF09 BPX3 25KA TF09 BPN3	25KA TF09 BPX6 25KA TF09 BPN6	25KA TF09 BPX8 25KA TF09 BPN8
	13 mm	19	74	23	25					25KA TF13 BPX0 25KA TF13 BPN0	25KA TF13 BPX3 25KA TF13 BPN3	25KA TF13 BPX6 25KA TF13 BPN6	25KA TF13 BPX8 25KA TF13 BPN8
	6x8mm	19	61	23	7	6			M 12 x 1	25KA KO08 BPX0 25KA KO08 BPN0	25KA KO08 BPX3 25KA KO08 BPN3	25KA KO08 BPX6 25KA KO08 BPN6	25KA KO08 BPX8 25KA KO08 BPN8
	8x10mm		65		9	8			M 16 x 1	25KA KO10 BPX0 25KA KO10 BPN0	25KA KO10 BPX3 25KA KO10 BPN3	25KA KO10 BPX6 25KA KO10 BPN6	25KA KO10 BPX8 25KA KO10 BPN8
	10x12mm		65		9	8			M 16 x 1	25KA KO12 BPX0 25KA KO12 BPN0	25KA KO12 BPX3 25KA KO12 BPN3	25KA KO12 BPX6 25KA KO12 BPN6	25KA KO12 BPX8 25KA KO12 BPN8

## Plugs RECTUS Series 25KA

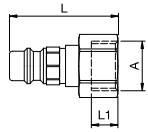
	A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	○ green Part Number	△ brown Part Number	⬡ blue Part Number	⊙ red Part Number
 <p>Hose Barb</p>	6 mm		50,5	15	25					26SF TF06 MXX0 26SF TF06 MXN0	26SF TF06 MXX3 26SF TF06 MXN3	26SF TF06 MXX6 26SF TF06 MXN6	26SF TF06 MXX8 26SF TF06 MXN8
	9 mm		50,5	15	25					26SF TF09 MXX0 26SF TF09 MXN0	26SF TF09 MXX3 26SF TF09 MXN3	26SF TF09 MXX6 26SF TF09 MXN6	26SF TF09 MXX8 26SF TF09 MXN8
	13 mm		50,5	15	25					26SF TF13 MXX0 26SF TF13 MXN0	26SF TF13 MXX3 26SF TF13 MXN3	26SF TF13 MXX6 26SF TF13 MXN6	26SF TF13 MXX8 26SF TF13 MXN8
	6x8 mm		43,5		7	6			M 12 x 1	26SF KO08 MXX0 26SF KO08 MXN0	26SF KO08 MXX3 26SF KO08 MXN3	26SF KO08 MXX6 26SF KO08 MXN6	26SF KO08 MXX8 26SF KO08 MXN8
	8x10 mm	17	43,5		8,5	8,5			M 16 x 1	26SF KO10 MXX0 26SF KO10 MXN0	26SF KO10 MXX3 26SF KO10 MXN3	26SF KO10 MXX6 26SF KO10 MXN6	26SF KO10 MXX8 26SF KO10 MXN8
	 <p>Plastic Hose Connection</p>												
 <p>Bulkhead Fitting for Hose Barb</p>	6 mm	17	60		17	14	17	4	M 12 x 1	26SF TS06 MXX0 26SF TS06 MXN0	26SF TS06 MXX3 26SF TS06 MXN3	26SF TS06 MXX6 26SF TS06 MXN6	26SF TS06 MXX8 26SF TS06 MXN8
	9 mm	17	60		17	14	17	4	M 14 x 1	26SF TS09 MXX0 26SF TS09 MXN0	26SF TS09 MXX3 26SF TS09 MXN3	26SF TS09 MXX6 26SF TS09 MXN6	26SF TS09 MXX8 26SF TS09 MXN8
	13 mm	17	60		25	14	19	4	M 16 x 1	26SF TS13 MXX0 26SF TS13 MXN0	26SF TS13 MXX3 26SF TS13 MXN3	26SF TS13 MXX6 26SF TS13 MXN6	26SF TS13 MXX8 26SF TS13 MXN8

## Plugs RECTUS Series 25KA

	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
 <p>Male Thread</p>	G 1/4	17	36,5		9					26SF AW13 MXX0 26SF AW13 MXN0	26SF AW13 MXX3 26SF AW13 MXN3	26SF AW13 MXX6 26SF AW13 MXN6	26SF AW13 MXX8 26SF AW13 MXN8
	G 3/8	19	41,5		12					26SF AW17 MXX0 26SF AW17 MXN0	26SF AW17 MXX3 26SF AW17 MXN3	26SF AW17 MXX6 26SF AW17 MXN6	26SF AW17 MXX8 26SF AW17 MXN8

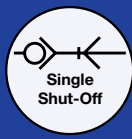
# Plugs

# RECTUS Series 25KA



Female Thread

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
G 1/4	17	36,5	8						26SF IW13 MXX0	26SF IW13 MXX3	26SF IW13 MXX6	26SF IW13 MXX8
									26SF IW13 MXN0	26SF IW13 MXN3	26SF IW13 MXN6	26SF IW13 MXN8
G 3/8	19	36,5	8						26SF IW17 MXX0	26SF IW17 MXX3	26SF IW17 MXX6	26SF IW17 MXX8
									26SF IW17 MXN0	26SF IW17 MXN3	26SF IW17 MXN6	26SF IW17 MXN8



Nominal Diameter

**7,4** = 42 mm<sup>2</sup>



RECTUS Series

**65-67**

35% of actual size



**Technical Description**

The 65-67 series are quick connect couplings designed for use as pressure regulators for fuel, gas and oxygen as well as welding torches.

**Advantages**

Our „RectuKey“ coding system prevents mixing up media. Up to three different media can be safely (non-interchangeable) connected with the standard version. The 65 - 67 series can be equipped with both a safety locking system (ensures that an unintentional disconnection cannot occur) as well as without a safety locking system.

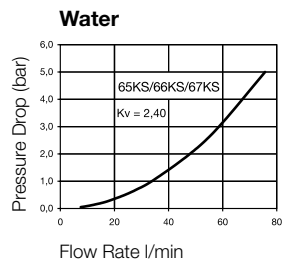
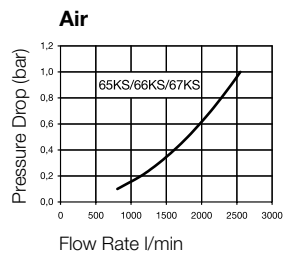
**Working Pressure**

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.

**Chart**



**Material**

**Coupling**

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

**Standard**

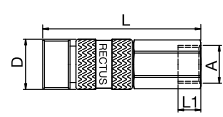
- Brass, ungreased
- Brass, ungreased
- Brass, ungreased
- Brass, ungreased
- AISI 301
- AISI 420

**Plug**

- Brass, ungreased
- Dust Cap on request

**Couplings**

**RECTUS Series 65-67**

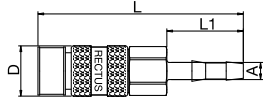


Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
Oxygen										
G 1/4 right	19	69,5	22	10					Standard	65KS IW13 MVX
G 3/8 right	19	69,5	22	9					Standard	65KS IW17 MVX
Fuel gas										
G 1/4 left	19	69,5	22	10					Standard	66KS IL13 MEX
G 3/8 left	19	69,5	22	10					Standard	66KS IL17 MEX
Var. Media										
G 1/4 left	19	69,5	22	10					Standard	67KS IL13 MVX
G 3/8 left	19	69,5	22	10					Standard	67KS IL17 MVX

# Couplings

# RECTUS Series 65-67

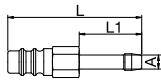


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
Oxygen										
6 mm	19	90	22	33					Standard	65KS TF06 MVX
9 mm	19	90	22	33					Standard	65KS TF09 MVX
Fuel gas										
6 mm	19	90	22	33					Standard	66KS TF06 MEX
9 mm	19	90	22	33					Standard	66KS TF09 MEX
Var. Media										
6 mm	19	90	22	33					Standard	67KS TF06 MVX
9 mm	19	90	22	33					Standard	67KS TF09 MVX

# Plugs

# RECTUS Series 65-67

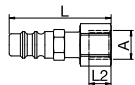


Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
Oxygen										
6 mm		60		28					Standard	65SS TF06 MXX
9 mm		60		28					Standard	65SS TF09 MXX
Fuel gas										
6 mm		60		28					Standard	66SS TF06 MXX
9 mm		60		28					Standard	66SS TF09 MXX
Var. Media										
6 mm		60		28					Standard	67SS TF06 MXX
9 mm		60		28					Standard	67SS TF09 MXX

# Plugs

# RECTUS Series 65-67



Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
Oxygen										
G 1/4 right	17	46		10					Standard	65SS IW13 MXX
G 3/8 right	19	46		10					Standard	65SS IW17 MXX
Fuel gas										
G 1/4 left	17	46		10					Standard	66SS IL13 MXX
G 3/8 left	19	46		10					Standard	66SS IL17 MXX
Var. Media										
G 1/4 left	17	46		10					Standard	67SS IL13 MXX
G 3/8 left	19	46		10					Standard	67SS IL17 MXX





Nominal Diameter

8 = 50 mm<sup>2</sup>

RECTUS Series

99KL



60% of actual size



Technical Description

Dry-Break, unmistakable system. During the connection process, the plug and the coupling seals before both valves open. The valves close simultaneously when disconnected, allowing the coupling and plug to be separated afterward. This ensures minimum leakage. Coded via two lateral grooves on the plug and a similar guide in the coupling, which are arranged in different angular

degrees. Particularly suitable for liquid and aggressive media especially for High Purity Applications.

Advantages

Single handed operation. 8-way coding. All individual parts are electro-burnished.

Working Pressure

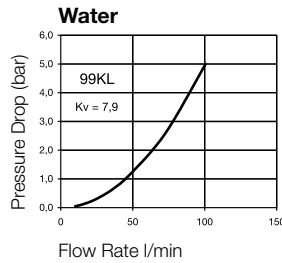
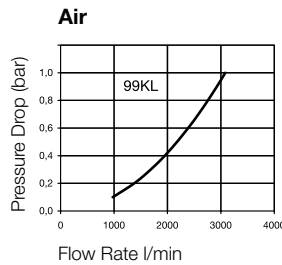
PB = 6 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature\*

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

Information about the plug Protection Cap (Part-No. SK 99 EXXS) on request.

Chart



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

► Stainless Steel Dry-Break P. 232

Material

Coupling

- Back Body
- Valve Body
- Sleeve
- Valve
- Spring and Locking Ring
- Locking Balls
- Seals
- Valve Stem Guide
- Threaded Nut

AISI 316 L

- AISI 316 L
- AISI 316 L
- AISI 316 L
- AISI 316 L
- AISI 301
- AISI 316 L
- FFKM 4079
- PTFE
- AISI 316 L

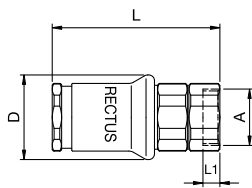
Plug

- Plug Profile
- Valve Stem Guide
- Valve
- Spring
- Seals
- Threaded Nut

- AISI 316 L
- PTFE
- AISI 316 L
- AISI 301
- FFKM 4079
- AISI 316 L

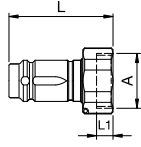
Couplings

RECTUS Series 99 KL



Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
M 30 x 2/30°	34	97	45	10					AISI 316 L	99KL IM30 EKX30
M 30 x 2/45°									AISI 316 L	99KL IM30 EKX45
M 30 x 2/60°									AISI 316 L	99KL IM30 EKX60
M 30 x 2/75°									AISI 316 L	99KL IM30 EKX75
M 30 x 2/90°									AISI 316 L	99KL IM30 EKX90
M 30 x 2/105°									AISI 316 L	99KL IM30 EKX105
M 30 x 2/120°									AISI 316 L	99KL IM30 EKX120
M 30 x 2/150°									AISI 316 L	99KL IM30 EKX150



Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
M 30 x 2/30°	34	57		9					AISI 316 L	99SL IM30 EKX30
M 30 x 2/45°									AISI 316 L	99SL IM30 EKX45
M 30 x 2/60°									AISI 316 L	99SL IM30 EKX60
M 30 x 2/75°									AISI 316 L	99SL IM30 EKX75
M 30 x 2/90°									AISI 316 L	99SL IM30 EKX90
M 30 x 2/105°									AISI 316 L	99SL IM30 EKX105
M 30 x 2/120°									AISI 316 L	99SL IM30 EKX120
M 30 x 2/150°									AISI 316 L	99SL IM30 EKX150