

### Technical Description

Couplings series according to ISO 7241-1 series B. Particularly suitable for use with liquid media. This is a two-hand operation coupling system, i.e. the sleeve must be pushed back manually when coupling.

### Advantages

High flow rate – marginal pressure drop. Plug Profile according to ISO-Norm.

### Working Pressure

PB = 250 bar, maximum static working pressure until 50°C with safety factor of 4 to 1.

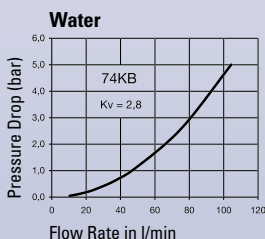
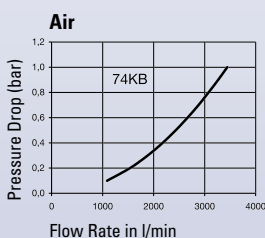
### Working Temperature

-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.



### Chart



### Material

### AISI 303

### AISI 316 L

### Coupling

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

- 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
- AISI 316 L

### Plug

- Plug Profile
- Valve
- Spring
- Spring Plate
- Seal

- AISI 303
- AISI 303
- AISI 301
- AISI 316 L
- FKM

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

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

- ▶ Thermoplastics P. 249
- ▶ Middle-/High-Pressure TIB P. 401

## Couplings

## RECTUS Series 74KB

	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 1/2	27	76	44,5	16					AISI 303	74KB IW21 RVX	■
										AISI 316 L	74KB IW21 EVX	□

## Valved Plugs

## RECTUS Series 74KB

	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 1/2	27	48		16					AISI 303	74SB IW21 RVX	■
										AISI 316 L	74SB IW21 EVX	□

DS = Delivery Status

■ in stock

□ on short call

□ medium term delivery