



### Technical Description

Dry-break coupling systems, which stand out for their extremely low leakage rates and a minimum volume of dead space. No air locks whatsoever during connecting and negligible film of channelled medium on the valve bodies when disconnecting. Coupling systems for applications in sensitive environments, such as in analysis technology, cooling circuits, transport systems and many applications with aggressive medium.

### Advantages

Single handed operation. Easy handling. Ergonomic sleeve shape. Low connecting forces. Valve body protected by collar design.

Extremely low dead volume remainings.

### Interchangeability

RECTUS Design

### Working Pressure

PB = 15 bar, maximum static working pressure with safety factor of 4 to 1.

### Working Temperature

-20°C up to +100°C (NBR)  
Other sealing materials available on request.



85 % of actual size



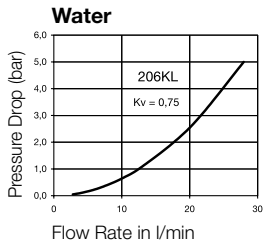
reddot design award winner 2007

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

► Stainless Steel

P. 228

### Chart



### Material

#### Coupling

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

### Standard

- Brass, Nickel Plated
- Brass, Nickel Plated
- Brass, Nickel Plated
- Brass, Nickel Plated
- AISI 303
- AISI 420
- NBR

### Plug

- Plug Profile
- Back Body
- Valve
- Spring
- Seal

- Brass, Nickel Plated
- Brass, Nickel Plated
- Brass, Nickel Plated
- AISI 303
- NBR

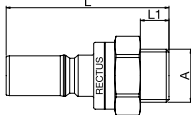
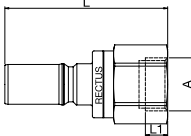
## Couplings

## RECTUS Series 206KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
<p>Male Thread</p>	G 3/8	22	68,5	25,5	9					Standard	206KL AW17 MPN
	G 1/2	22	71,5	25,5	12					Standard	206KL AW21 MPN
<p>Female Thread</p>	G 3/8	22	68,5	25,5	7					Standard	206KL IW17 MPN
	G 1/2	24	71,5	25,5	10					Standard	206KL IW21 MPN

# Valved Plugs

# RECTUS Series 206KL

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	G 3/8	22	51		9					Standard	206SL AW17MPN
	G 1/2	22	54		12					Standard	206SL AW21MPN
 <p>Female Thread</p>	G 3/8	22	51		7					Standard	206SL IW17MPN
	G 1/2	24	54		10					Standard	206SL IW21MPN