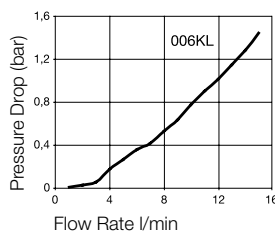


**Technical Description**

Flatface coupling system for cooling circuits. Extremely low leakage when disconnecting and, at the same time, no air lock in the system. Use with cold water, hot water and with thermo-oil at temperatures of up to 200 °C. Top efficiency with maximum flow and limited pressure drop.

**Tests with Oil Viscosity  
32cSt at 40 °C as per  
ISO 7241-2:2000**
**Advantages**

Easy to handle with single-handed operation and the knurled sleeve design.

Extremely durable due to the robust design.

**Available Valves****Material****Coupling**

Back Body  
Valve Body  
Sleeve  
Valve  
Spring, Locking Ring  
Locking Balls  
Seal

**Plug**

Plug Profile  
Back Body  
Valve  
Spring  
Seal

**Working Pressure**

PB = 60 bar, maximum static working pressure with safety factor of 4 to 1.

**Working Temperature\***

-15°C up to +200°C (FKM) depending on the medium.

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

Brass  
Stainless Steel  
Stainless Steel  
Brass, Nickel Plated  
Stainless Steel  
Stainless Steel  
FKM, VMQ

Stainless Steel  
Brass  
Brass, Nickel Plated  
Stainless Steel  
FKM

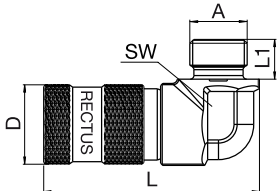
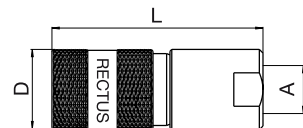
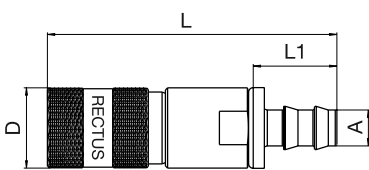
80% of actual size

**Couplings****RECTUS Series 006KL**

	DN	Series	Connec- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS
<p>Male Thread</p>	6	006	M 16 x 1,5	20	55,5	22	11				with	006KL AM16 MVX	10	
<p>Male Thread with additional ED Seal</p>	6	006	G 1/4	21	60,8	22	11				with	006KL AO13 MVX	10	

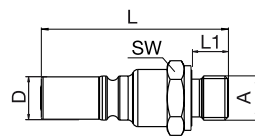
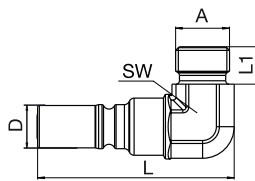
## Couplings

## RECTUS Series 006KL

	DN	Series	Conne- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS
 <p>Male Thread 90°</p>	6	006	M 16 x 1,5	17	59,2	22	11				with	006KL AR16 MVX	10	■ □
 <p>Female Thread</p>	6	006	G 1/4	20	57,9	22	14				with	006KL IW13 MVX	10	■ □
 <p>Hose Barb</p>	6	006	10 mm	20	79,4	22	23				with	006KL TP10 MVX	10	■ □

## Valved Plugs

## RECTUS Series 006KL

	DN	Series	Conne- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS
 <p>Male Thread</p>	6	006	G 1/4	19	55	12,5	11				with	006SL AW13 MVX	10	■ □
 <p>Male Thread 90°</p>	6	006	M 16 x 1,5	16	57,8	12,5	11				with	006SL AR16 MVX	10	■ □

DS = Delivery Status: ■ in stock

□ on short call

□ medium term delivery