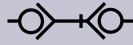


Nominal Diameter **4,3** = 15 mm<sup>2</sup>

**71 KB series**



**Technical Description**

The 71 KB series is a double shut-off hydraulic coupling used for liquid mediums. The plug profile is manufactured in accordance with ISO-7241-1, series B. All versions mentioned below are manufactured from non-rusting materials.

**Advantages**

This coupling requires two handed operation ( the sleeve must be manually pulled back when connecting).

**Applications**

Liquids, paper machines, refrigerating circuit, rail vehicle.

**Working Pressure**

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

**Working Temperature\***

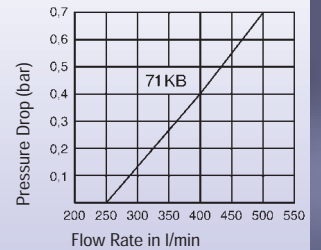
-20°C up to +100°C (Buna N)  
-40°C up to +120/150°C (EPDM)  
-15°C up to +200°C (Viton®) depending on the medium.

\* At a temperature below -20°C and above +150°C special seals are available on request.

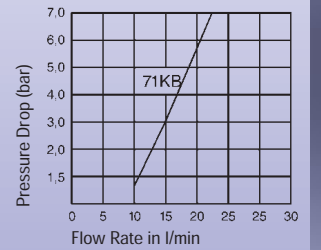
Material	Standard Version	Additional Versions		
<b>Coupling</b>		<b>AISI 303</b>	<b>AISI 316 Ti</b>	<b>POM (Plastic)</b>
Back Body	Brass	AISI 303	AISI 316 Ti	(see page 198)
Sleeve	Brass	AISI 303	AISI 316 Ti	
Valve	Brass	AISI 303	AISI 316 Ti	
Spring and Locking Ring	AISI 301	AISI 301	AISI 316 Ti	
Locking Balls	AISI 420	AISI 316	AISI 316	
Seals	Buna N	Viton®	Viton®	
Spring Plate	AISI 301	AISI 301	AISI 316 Ti	
<b>Plug</b>				
Plug Profile	Brass	AISI 303	AISI 316 Ti	
Valve	Brass	AISI 303	AISI 316 Ti	
Spring	AISI 301	AISI 301	AISI 316 Ti	
Seal	Buna N	Viton®	Viton®	
Spring Plate	AISI 301	AISI 301	AISI 316 Ti	

**Chart**

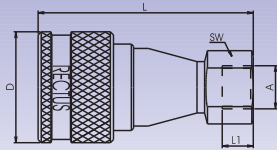
**Air**



**Water**



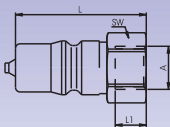
**Couplings**



Female Thread

Connection A	Hex SW	L	D	L1	L2	Hex1 SW1	B	G	Version	Part Number
G 1/8	14	48,5	25	7					Standard Design	71KB IW10 MPX
									AISI 303	71KB IW10 RVX
									AISI 316 Ti	71KB IW10 EVX

**Valved Plugs**



Female Thread

Connection A	Hex SW	L	D	L1	L2	Hex1 SW1	B	G	Version	Part Number
G 1/8	14	29,5		7					Standard Design	71SB IW10 MPX
									AISI 303	71SB IW10 RVX
									AISI 316 Ti	71SB IW10 EVX