



**Technical Description**

Modular integrated coupling and plug for installation in multi-coupling systems (series 08). High resilience, low coupling forces and great resistance to liquid media due to the special coating of the coupling body.

**Working Temperature\***

-15°C up to +100°C (NBR) depending on the medium.

\* For temperatures below -15°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.



**Working Pressure\*\***

15 bar  
\*\* maximum static working pressure with design factor 4 to 1.

15 bar

**Features**

- Minimal, almost imperceptible leakage when uncoupling
- No air locked into the system during the coupling process

**Material**

**Coupling:** Brass nickel plated, Steel PTFE coated  
**Plug:** Brass nickel plated, Steel PTFE coated  
**Seals:** FKM

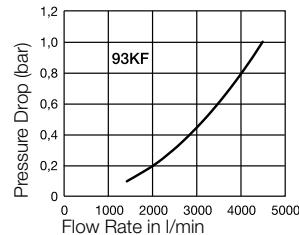
**Coupling:** Brass nickel plated, Steel PTFE coated  
**Plug:** Brass nickel plated, Steel PTFE coated  
**Seals:** FKM

**Interchangeability**

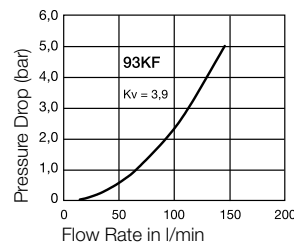
- Rectus Design

**Flow diagrams**

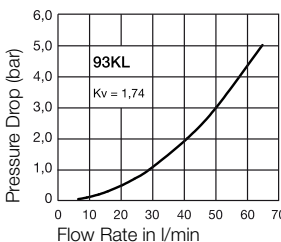
**Air**



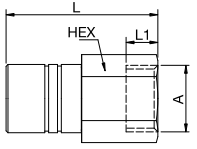
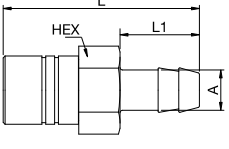
**Water**



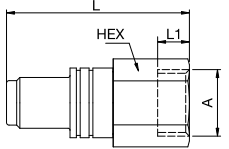
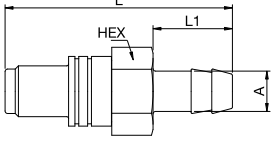
**Water**



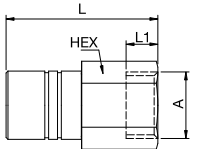
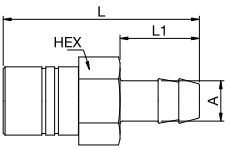
**↔ Coupling – without valve Series 93KF**

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Female Thread</p>	G 1/2	24		48	10,1						93KFIW21SVN
 <p>Hose Barb</p>	13 mm	24		62	17						93KFTF13SVN

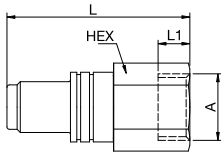
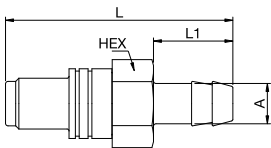
**↔ Plugs – without valve Series 93KF**

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Female Thread</p>	G 1/2	24		57,5	10,1						93SFIW21SXN
 <p>Hose Barb</p>	13 mm	24		68,5	25						93SFTF13SXN

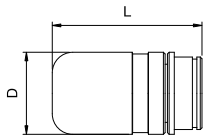
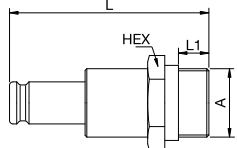
**↔ Coupling – flat-sealing Series 93KL**

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number	
 <p>Female Thread</p>	G 1/2	24		48	10,1						93KLIW21SVN	
 <p>Hose Barb</p>	9 mm	24		54	17						93KLTF09SVN	
	13 mm	24		62	25							93KLTF13SVN


**Plugs – flat-sealing**
**Series 93KL**

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Female Thread</p>	G 1/2	24		57,5	10,1						93SLIW21SVN
 <p>Hose Barb</p>	9 mm	24		63,5	17						93SLTF09SVN
	13 mm	24		68,5	25						93SLTF13SVN

**Locking Coupling and Bolt****Series 94**

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Locking Coupling</p>				45			25				94KX
 <p>Locking Bolt</p>		24		58	13						94SX