



Safety coupling with UltraFlo-Valve for optimum flow and low pressure drop. The series stands out for its robust design (steel sleeve) and long service life even with the harshest use. Additional safety locking system. This safety lock prevents unintentional disconnection. To disconnect, the plug must first be pushed further into the coupling before it can be unlocked. The brass version has been developed specifically for use with water in the pressure range up to 35 bar.

**Working Temperature\***  
-20°C up to +100°C (NBR)  
depending on the medium.

\* For temperatures below -20°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.

Series 25 in brass material with and without nickel plating and with additional end connections available on request.

**Other designs in series 25**

The following other designs can be found from page:

- Brass / Steel P. 70
- Stainless Steel P. 150
- Safety Self-Venting P. 230
- Coded Systems P. 236



**Working Pressure\*\***

35 bar (Brass-Version)  
70 bar (with steel body and steel sleeve)  
\*\* maximum static working pressure with design factor 4 to 1.

35 bar

**Features**

- Double profiled plug design against wear of material during operation

- Handy sleeve for optimum operation even with gloves

**Material**

**Coupling:** Brass / Steel or Brass  
**Plug:** Steel zinc plated or Brass  
**Seals:** NBR

**Coupling:** Brass nickel plated  
**Plug:** Brass nickel plated  
**Seals:** NBR

**Technical Description**

**Connecting Force 0 bar:** 40 N  
**Connecting Force 6 bar:** 120 N

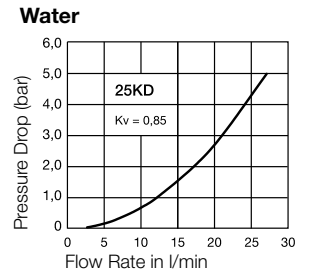
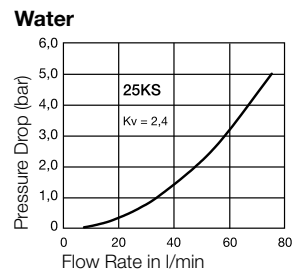
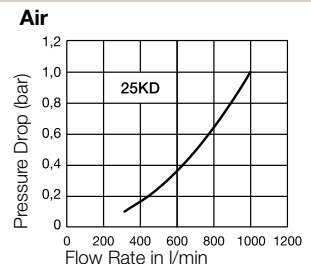
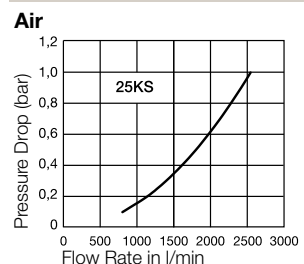
**Dead space volume:** 1,5 ml

**Vacuum Coupling:** 87%  
Available on request with O-ring seal for vacuum when coupled.

**Connecting Force 0 bar:** 40 N  
**Connecting Force 6 bar:** 120 N

**Vacuum Coupling:** 96%  
**Vacuum Plug:** 96%  
**Vacuum connected:** 96%

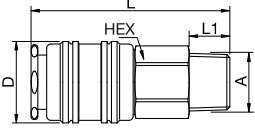
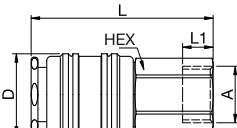
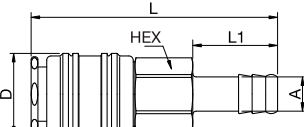
**Flow diagrams**





## Couplings – with valve

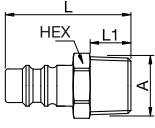
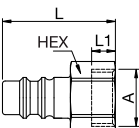
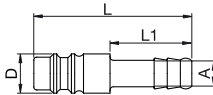
Series 25KS

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Male Thread</p>	R 1/4	19	60	12	23	25KSAK13SPN
	R 3/8	19	60	12	23	25KSAK17SPN
	R 1/2	22	61	17	23	25KSAK21SPN
 <p>Female Thread</p>	G 1/4	19	56	10	23	25KSIW13SPN
	G 3/8	19	55	9	23	25KSIW17SPN
	G 1/2	24	58	12	23	25KSIW21SPN
 <p>Hose Barb</p>	6 mm	19	74	25	23	25KSTF06SPN
	8 mm	19	74	25	23	25KSTF08SPN
	9 mm	19	74	25	23	25KSTF09SPN
	10 mm	19	74	25	23	25KSTF10SPN
	13 mm	19	74	25	23	25KSTF13SPN



## Plugs – without valve

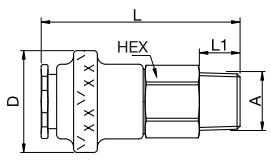
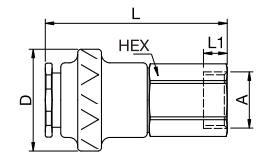
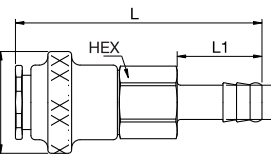
Series 25KS

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Male Thread</p>	R 1/8	13	33	9		25SSAK10SXZ
	R 1/4	14	37	12		25SSAK13SXZ
	R 3/8	17	37	12		25SSAK17SXZ
	R 1/2	22	43	17		25SSAK21SXZ
 <p>Female Thread</p>	G 1/4	17	33	9		25SSIW13SXZ
	G 3/8	19	33	9		25SSIW17SXZ
 <p>Hose Barb</p>	9 mm		48	25	12	25SSTF09SXZ
	10 mm		48	25	12	25SSTF10SXZ



# Couplings – with valve

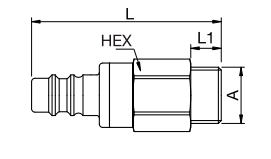
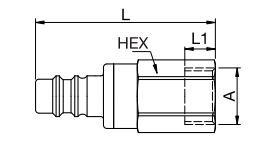
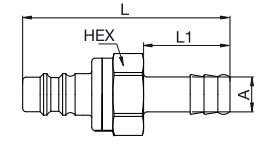
# Series 25KD

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Male Thread</p>	R 1/4	19	60	12	30	25KDAK13BPN
	R 3/8	19	60	12	30	25KDAK17BPN
	R 1/2	22	61	17	30	25KDAK21BPN
 <p>Female Thread</p>	G 1/4	19	56	10	30	25KDIW13BPN
	G 3/8	19	55	9	30	25KDIW17BPN
	G 1/2	24	58	12	30	25KDIW21BPN
 <p>Hose Barb</p>	6 mm	19	74	25	30	25KDTF06BPN
	8 mm	19	74	25	30	25KDTF08BPN
	10 mm	19	74	25	30	25KDTF10BPN
	13 mm	19	74	25	30	25KDTF13BPN



# Plugs – with valve

# Series 25KD

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Male Thread</p>	G 1/4	22	43	9		25SDAW13MPN
	G 3/8	22	43	9		25SDAW17MPN
	G 1/2	22	46	12		25SDAW21MPN
 <p>Female Thread</p>	G 1/4	22	43	10		25SDIW13MPN
	G 3/8	22	43	9		25SDIW17MPN
	G 1/2	24	46	12		25SDIW21MPN
 <p>Hose Barb</p>	6 mm	21	60	25		25SDTF06MPN
	8 mm	21	60	25		25SDTF08MPN
	10 mm	21	60	25		25SDTF10MPN
	13 mm	21	60	25		25SDTF13MPN