

**Other designs in series 25**

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► Stainless Steel	P. 208
► Safety Self-Venting	P. 294
► Coded Systems	P. 302

**Technical Description**

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.

**Working Pressure\*\***

35 bar (Brass-Version)  
70 bar (with steel body and steel sleeve)

\*\* maximum static working pressure with safety factor 4 to 1.

35 bar

**Features**

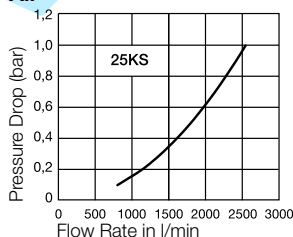
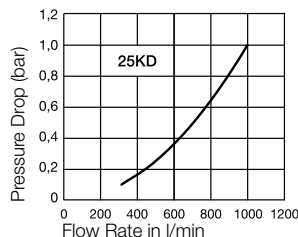
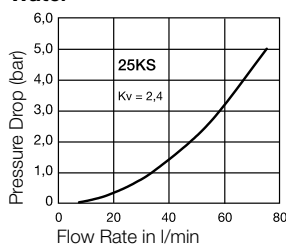
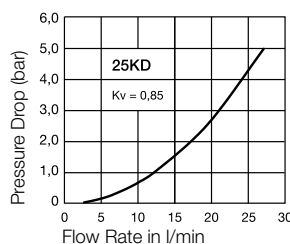
• Double profiled plug design against wear of material during operation

• Handy sleeve for optimum operation even with gloves

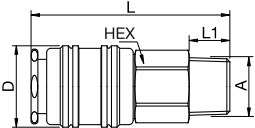
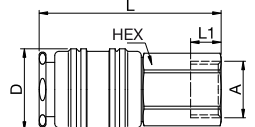
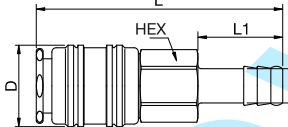
**Material**

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

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

**Flow diagrams****Air****Air****Water****Water**

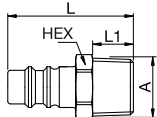
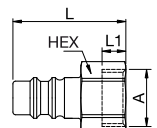
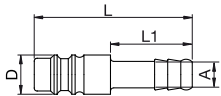


	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	R 1/4	19		60	12		23			Steel	25KSAK13SPN
	R 1/4	19		60	12		23			blank	25KSAK13BPX
	R 1/4	19		60	12		23			nickel plated	25KSAK13BPN
	R 3/8	19		60	12		23			Steel	25KSAK17SPN
	R 3/8	19		60	12		23			blank	25KSAK17BPX
	R 3/8	19		60	12		23			nickel plated	25KSAK17BPN
	R 1/2	22		61	17		23			Steel	25KSAK21SPN
	R 1/2	22		61	17		23			blank	25KSAK21BPX
	R 1/2	22		61	17		23			nickel plated	25KSAK21BPN
 <p>Female Thread</p>	G 1/4	19		56	10		23			Steel	25KSIW13SPN
	G 1/4	19		56	10		23			blank	25KSIW13BPX
	G 1/4	19		56	10		23			nickel plated	25KSIW13BPN
	G 3/8	19		55	9		23			Steel	25KSIW17SPN
	G 3/8	19		55	9		23			blank	25KSIW17BPX
	G 3/8	19		55	9		23			nickel plated	25KSIW17BPN
	G 1/2	24		58	12		23			Steel	25KSIW21SPN
 <p>Hose Barb</p>	6 mm	19		74	25		23			Steel	25KSTF06SPN
	8 mm	19		74	25		23			Steel	25KSTF08SPN
	8 mm	19		74	25		23			blank	25KSTF08BPX
	8 mm	19		74	25		23			nickel plated	25KSTF08BPN
	9 mm	19		74	25		23			Steel	25KSTF09SPN
	9 mm	19		74	25		23			blank	25KSTF09BPX
	9 mm	19		74	25		23			nickel plated	25KSTF09BPN
	10 mm	19		74	25		23			Steel	25KSTF10SPN
	10 mm	19		74	25		23			blank	25KSTF10BPX
	10 mm	19		74	25		23			nickel plated	25KSTF10BPN
	13 mm	19		74	25		23			Steel	25KSTF13SPN
	13 mm	19		74	25		23			blank	25KSTF13BPX
	13 mm	19		74	25		23			nickel plated	25KSTF13BPN



## Plugs – without valve

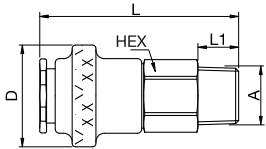
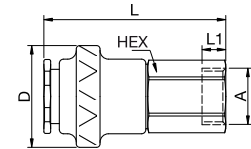
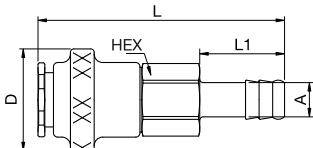
Series 25KS

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	R 1/8	13		33	9					Steel	25SSAK10SXZ
	R 1/4	14		37	12					Steel	25SSAK13SXZ
	G 1/4	17		33	9					nickel plated	26SSAW13MXN
	R 3/8	17		37	12					Steel	25SSAK17SXZ
	R 1/2	22		43	17					Steel	25SSAK21SXZ
 <p>Female Thread</p>	G 1/4	17		33	9					Steel	25SSIW13SXZ
	G 3/8	19		33	9					Steel	25SSIW17SXZ
	G 1/2	24		36	12					Steel	25SSIW21SXZ
 <p>Hose Barb</p>	6 mm			48	25		12			Steel	25SSTF06SXZ
	8 mm			48	25		12			Steel	25SSTF08SXZ
	9 mm			48	25		12			Steel	25SSTF09SXZ
	10 mm			48	25		12			Steel	25SSTF10SXZ
	13 mm			48	25		15			Steel	25SSTF13SXZ



## Couplings – with valve

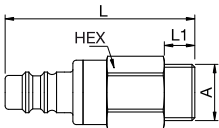
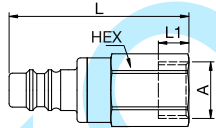
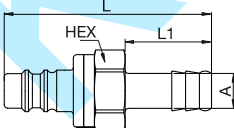
## Series 25KD

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	R 1/4	19		60	12		30				25KDAK13BPN
	R 3/8	19		60	12		30				25KDAK17BPN
	R 1/2	22		61	17		30				25KDAK21BPN
 Female Thread	G 1/4	19		56	10		30				25KDIW13BPN
	G 3/8	19		55	9		30				25KDIW17BPN
	G 1/2	24		58	12		30				25KDIW21BPN
 Hose Barb	6 mm	19		74	25		30				25KDTF06BPN
	8 mm	19		74	25		30				25KDTF08BPN
	9 mm	19		74	25		30				25KDTF09BPN
	10 mm	19		74	25		30				25KDTF10BPN
	13 mm	19		74	25		30				25KDTF13BPN



## Plugs – with valve

## Series 25KD

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	G 1/4	22		43	9						25SDAW13MPN
	G 3/8	22		43	9						25SDAW17MPN
	G 1/2	22		46	12						25SDAW21MPN
 Female Thread	G 1/4	22		43	10						25SDIW13MPN
	G 3/8	22		43	9						25SDIW17MPN
	G 1/2	24		46	12						25SDIW21MPN
 Hose Barb	6 mm	21		60	25						25SDTF06MPN
	8 mm	21		60	25						25SDTF08MPN
	9 mm	21		60	25						25SDTF09MPN
	10 mm	21		60	25						25SDTF10MPN
	13 mm	21		60	25						25SDTF13MPN