Technical Description

The robust safety coupling is the largest version of the coupling series with safety locking.

Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. 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. Double profiled plug design against wear of material during operation.

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.

KS Single Shut-Off

Working Pressure**

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

Material

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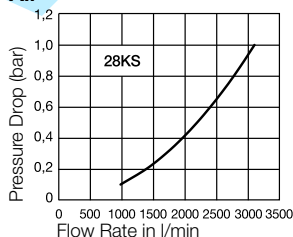**Plug:** Steel nickel plated
Seals: NBR

Interchangeability
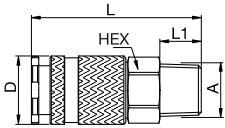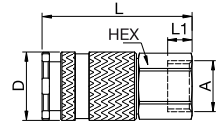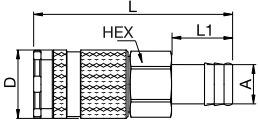
• CETOP-Norm RP59 P-15

Flow diagrams

Air
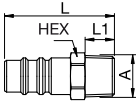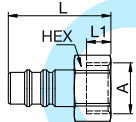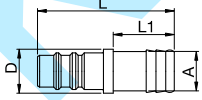
28KS — Pressure Drop (bar) vs Flow Rate in l/min

Couplings – with valve | Series 28KS

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
Male Thread	R 1/2	24		69,5	17		28				28KSAK21SPN
	R 3/4	27		69,5	17		28				28KSAK26SPN
Female Thread	G 3/8	24		61,5	12		28				28KSIW17SPN
	G 1/2	24		61,5	12		28				28KSIW21SPN
	G 3/4	32		65,5	16		28				28KSIW26SPN
Hose Barb	13 mm	24		81,5	25		28				28KSTF13SPN
	16 mm	24		81,5	25		28				28KSTF16SPN
	19 mm	24		81,5	25		28				28KSTF19SPN

Plugs – without valve | Series 28KS

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
Male Thread	R 3/8	17		45	12						28SSAK17SXN
	R 1/2	22		50	17						28SSAK21SXN
Female Thread	G 3/8	19		39	9						28SSIW17SXN
	G 1/2	24		42	12						28SSIW21SXN
	G 3/4	32		47	16						28SSIW26SXN
Hose Barb	10 mm			54	25		15				28SSTF10SXN
	13 mm			54	25		15				28SSTF13SXN
	16 mm			56	25		18				28SSTF16SXN
	19 mm			56	25		21				28SSTF19SXN

⚠ Please consider our security advices on the pages 12/13 ⚠