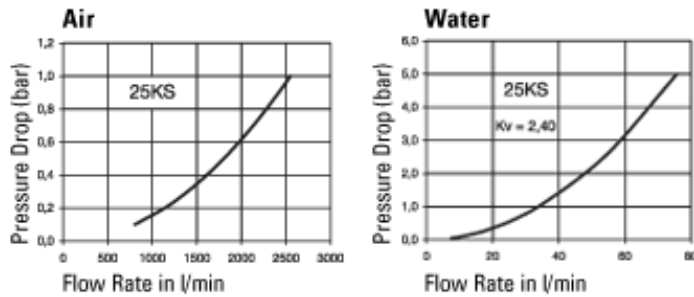


25KS



Chart



Technical Description

Safety coupling with UltraFlo technology. High flow performance. Notable for robust design and steel sleeve used with large pneumatic consumers. 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.

Advantages

Quality coupling with small dimensions and high flow rates. Safety locking system. Double profiled plug design against wear of material during operation.

Working Pressure

PB = 35 bar (brass)

PB = 70 bar (with steel body and steel seal)

maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (NBR)

-40°C up to +120/150°C (EPDM)

-15°C up to +200°C (FKM)

0°C up to +316°C (FFKM)
depending on the medium.

*At a temperature below -20°C and above +100°C special seals are available on request.

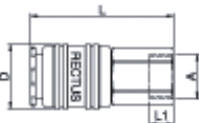
Material

Coupling	Standard	Brass	
Back Body	Brass	Brass	Brass, Nickel Plated
Valve Body	Brass	Brass	Brass, Nickel Plated
Sleeve	Brass	Brass	Brass, Nickel Plated
Valve	Brass	Brass	Brass
Spring and Locking Ring	AISI 301	AISI 301	AISI 301
Locking Balls	AISI 420	AISI 420	AISI 420
Seals	NBR	NBR	NBR
Inner Sleeve	Brass	Brass	Brass
Spring Plate	Brass	Brass	Brass
Plug			
Plugs	Steel Hardened, Zinc-Plated	Brass	Brass, Nickel Plated

Couplings

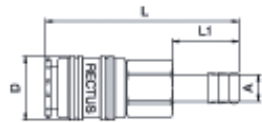


Male Thread



Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW	B mm	G mm	Version	Part Number
R 1/4	19	60	23	12					Standard	25KSAK13SPN
R 1/4	19	60	23	12					Brass	25KSAK13BPX
R 1/4	19	60	23	12					Brass, Nickel Plated	25KSAK13BPN
R 3/8	19	60	23	12					Standard	25KSAK17SPN
R 3/8	19	60	23	12					Brass	25KSAK17BPX
R 3/8	19	60	23	12					Brass, Nickel Plated	25KSAK17BPN
R 1/2	22	61	23	17					Standard	25KSAK21SPN
R 1/2	22	61	23	17					Brass	25KSAK21BPX
R 1/2	22	61	23	17					Brass, Nickel Plated	25KSAK21BPN
G 1/4	19	56	23	10					Standard	25KSIW13SPN
G 1/4	19	56	23	10					Brass	25KSIW13BPX
G 1/4	19	56	23	10					Brass, Nickel Plated	25KSIW13BPN
G 3/8	19	55	23	9					Standard	25KSIW17SPN
G 3/8	19	55	23	9					Brass	25KSIW17BPX
G 3/8	19	55	23	9					Brass, Nickel Plated	25KSIW17BPN
G 1/2	24	58	23	12					Standard	25KSIW21SPN
6 mm	19	74	23	25					Standard	25KSTF06SPN
8 mm	19	74	23	25					Standard	25KSTF08SPN
8 mm	19	74	23	25					Brass	25KSTF08BPX
8 mm	19	74	23	25					Brass, Nickel Plated	25KSTF08BPN
9 mm	19	74	23	25					Standard	25KSTF09SPN
9 mm	19	74	23	25					Brass	25KSTF09BPX
9 mm	19	74	23	25					Brass, Nickel Plated	25KSTF09BPN

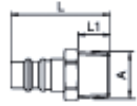


Hose Barb

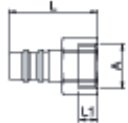
10 mm	19	74	23	25
10 mm	19	74	23	25
10 mm	19	74	23	25
13 mm	19	74	23	25
13 mm	19	74	23	25
13 mm	19	74	23	25

Standard	25KSTF10SPN
Brass	25KSTF10BPX
Brass, Nickel Plated	25KSTF10BPN
Standard	25KSTF13SPN
Brass	25KSTF13BPX
Brass, Nickel Plated	25KSTF13BPN

Plugs



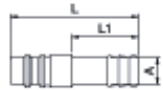
Male Thread



Female Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW	B mm	G mm	Version	Part Number
R 1/8	13	33		9					Standard	25SSAK10SXZ
R 1/4	14	37		12					Standard	25SSAK13SXZ
G 1/4	17	33		9					Brass	26SSAW13MXX
G 1/4	17	33		9					Brass, Nickel Plated	26SSAW13MXN
R 3/8	17	37		12					Standard	25SSAK17SXZ
R 1/2	22	43		17					Standard	25SSAK21SXZ
G 1/4	17	33		9					Standard	25SSIW13SXZ
G 3/8	19	33		9					Standard	25SSIW17SXZ
G 1/2	24	36		12					Standard	25SSIW21SXZ

Plugs



Hose Barb

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW	B mm	G mm	Version	Part Number
6 mm		48	12	25					Standard	25SSTF06SXZ
8 mm		48	12	25					Standard	25SSTF08SXZ
8 mm		48	12	25					Brass, Nickel Plated	26SSTF08MXN
9 mm		48	12	25					Standard	25SSTF09SXZ
10 mm		48	12	25					Standard	25SSTF10SXZ
13 mm		48	15	25					Standard	25SSTF13SXZ