



Nominal Diameter

7.8 = 48 mm²

RECTUS Series

25KS

actual size

**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.

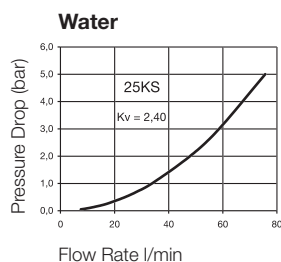
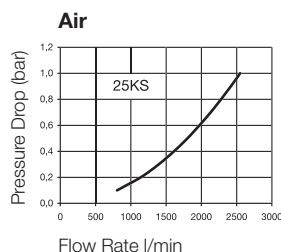
Working Pressure

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.

Chart

You will find the following alternative versions in our current catalogue on page:

- Safety Double Shut-off P. 268
- Safety Self-Venting P. 280
- Coded Systems P. 295
- Brass/Steel P. 73
- Stainless Steel P. 180

Material Coupling

Back Body
Valve Body
Sleeve

Valve
Spring and
Lock Ring
Locking Balls
Seals
Distance Sleeve
Spring Plate

Plug

Plug

Standard

Brass
Steel, Nickel Pl.
Steel Hardened,
Nickel Plated
Brass

AISI 301
AISI 420
NBR
Brass
Brass

Steel Hardened,
Zinc-Plated

Brass

Brass
Brass
Brass

Brass
AISI 301
AISI 420
NBR
Brass
Brass

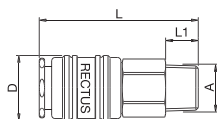
Brass

Brass, Nickel Pl.

Brass, Nickel Pl.
Brass, Nickel Pl.
Brass, Nickel Pl.

Brass
AISI 301
AISI 420
NBR
Brass
Brass

Brass, Nickel Pl.

Couplings**RECTUS Series 25KS**

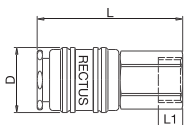
Male Thread

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
R 1/4	19	60	23	12					Standard	25KS AK13 SPN	■ □
									Brass	25KS AK13 BPX	■ □
									Brass, Nickel Pl.	25KS AK13 BPN	■ □
R 3/8	19	60	23	12					Standard	25KS AK17 SPN	■ □
									Brass	25KS AK17 BPX	■ □
									Brass, Nickel Pl.	25KS AK17 BPN	■ □
R 1/2	22	61	23	17					Standard	25KS AK21 SPN	■ □
									Brass	25KS AK21 BPX	■ □
									Brass, Nickel Pl.	25KS AK21 BPN	■ □

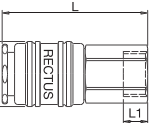
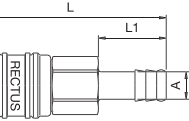
DS = Delivery Status: ■ in stock

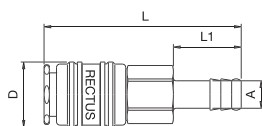
□ on short call

□ medium term delivery



Female Thread

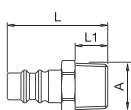
	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 Female Thread	G 1/4	19	56	23	10					Standard	25KS IW13 SPN	
										Brass	25KS IW13 BPX	
										Brass, Nickel Pl.	25KS IW13 BPN	
	G 3/8	19	55	23	9					Standard	25KS IW17 SPN	
										Brass	25KS IW17 BPX	
										Brass, Nickel Pl.	25KS IW17 BPN	
	G 1/2	24	58	23	12					Standard	25KS IW21 SPN	
 Hose Barb	6 mm	19	74	23	25					Standard	25KS TF06 SPN	
	8 mm	19	74	23	25					Standard	25KS TF08 SPN	
										Brass	25KS TF08 BPX	
										Brass, Nickel Pl.	25KS TF08 BPN	
	9 mm	19	74	23	25					Standard	25KS TF09 SPN	
										Brass	25KS TF09 BPX	
										Brass, Nickel Pl.	25KS TF09 BPN	
	10 mm	19	74	23	25					Standard	25KS TF10 SPN	
										Brass	25KS TF10 BPX	
										Brass, Nickel Pl.	25KS TF10 BPN	
	13 mm	19	74	23	25					Standard	25KS TF13 SPN	
										Brass	25KS TF13 BPX	
										Brass, Nickel Pl.	25KS TF13 BPN	



Hose Barb

Plugs

RECTUS Series 25KS

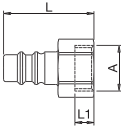


Male Thread

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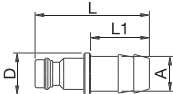
Plugs

RECTUS Series 25KS

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 Female Thread	G 1/4	17	33		9					Standard	25SS IW13 SXZ	■
	G 3/8	19	33		9					Standard	25SS IW17 SXZ	■
	G 1/2	24	36		12					Standard	25SS IW21 SXZ	■

Plugs

RECTUS Series 25KS

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number	DS
 Hose Barb	6 mm		48	12	25					Standard	25SS TF06 SXZ	■
	8 mm		48	12	25					Standard	25SS TF08 SXZ	■
			48	12	25					Brass, Nickel Pl.	26SS TF08 MXN	□
	9 mm		48	12	25					Standard	25SS TF09 SXZ	■
	10 mm		48	12	25					Standard	25SS TF10 SXZ	■
	13 mm		48	15	25					Standard	25SS TF13 SXZ	□

DS = Delivery Status: ■ in stock

■ on short call

□ medium term delivery