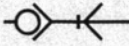


Nominal Diameter **7,4** = 43 mm²

95 KS series



Technical Description

The 95 KS coupling system has a safety lock. To disconnect, the plug must first be pushed further into the coupling before it can be unlocked. This prevents unintentional disconnection.

Advantages

Disconnecting the safety coupling is only possible after the plug has first been pushed further into the coupling. Cannot be interconnected with the 96 KS series. Single handed operation with a multitude of connecting possibilities. High flow rates due to the ULTRA-FLO valve.

Applications

Breathing air, ring circuit system, lifting bas, weld and cut engineering, diving equipment.

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (Buna N)
 -40°C up to +120/150°C (EPDM)
 -15°C up to +200°C (Viton®)
 0°C up to +316°C (Kalrez®)
 depending on the medium.

* At a temperature below -20°C and above +150°C special seals are available on request.

Material

Coupling

- Back Body
- Valve Body
- Sleeve
- Valve
- Spring and Locking Ring
- Locking Balls
- Seals
- Distance Sleeve
- Spring Plate

Standard Version

- Brass, Nickel Plated
- Brass, Nickel Plated
- Brass, Nickel Plated
- Zinc Die-Casting, Nickel Plated
- AISI 301
- AISI 420
- Buna N
- Brass
- Brass

Additional Version

AISI 303 / Brass

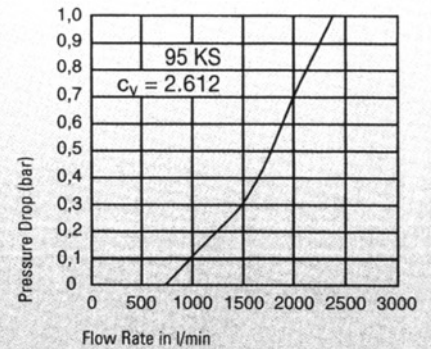
- Brass, Nickel Plated
- AISI 303
- Brass, Nickel Plated
- Zinc Die-Casting, Nickel Plated
- AISI 301
- AISI 420
- Buna N
- AISI 303
- Brass

Plug

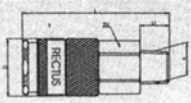
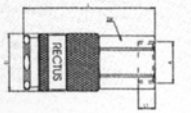
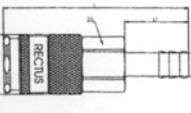
Brass, Nickel Plated

Chart

Air

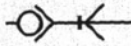


Couplings

	Connection A	Hex SW	L	D	L1	L2	Hex1 SW1	B	G	Version	Part Number
 <p>Male Thread</p>	R 1/4	19	61	23	12					Standard Design	95KS AK13 BPN
	R 3/8	19	60	23	12					AISI 303/Brass	95KS AK13 RPN
	R 1/2	22	61	23	17					Standard Design	95KS AK21 BPN
 <p>Female Thread</p>	G 1/4	19	56	23	10					AISI 303/Brass	95KS IW13 RPN
	G 3/8	19	55	23	9					Standard Design	95KS IW17 BPN
	G 1/2	24	58	23	12					AISI 303/Brass	95KS IW17 RPN
 <p>Hose Barb</p>	6 mm	19	74	23	25					Standard Design	95KS TF06 BPN
	7 mm	20	77	23	22					AISI 303/Brass	95KS TF06 RPN
	8 mm	19	74	23	25					Standard Design	95KS TF07 BPN
										AISI 303/Brass	95KS TF07 RPN
										Standard Design	95KS TF08 BPN
										AISI 303/Brass	95KS TF08 RPN

Nominal Diameter **7,4** = 43 mm²

96 KS series



Technical Description

The 96 KS coupling system has a safety lock. To disconnect, the plug must first be pushed further into the coupling before it can be unlocked. This prevents unintentional disconnection.

Advantages

Disconnecting the safety coupling is only possible after the plug has first been pushed further into the coupling. Cannot be interconnected with the 95 KS series. Has a multitude of connecting possibilities. High flow rates due to the ULTRA-FLO valve.

Applications

Breathing air, ring circuit system, lifting bas, weld and cut engineering, diving equipment.

Working Pressure

PB = 35 bar, maximum static working pressure with safety factor of 4 to 1.

Working Temperature*

-20°C up to +100°C (Buna N)
 -40°C up to +120/150°C (EPDM)
 -15°C up to +200°C (Viton®)
 0°C up to +316°C (Kalrez®)
 depending on the medium.

* At a temperature below -20°C and above +150°C special seals are available on request.

Material

Coupling

- Back Body
- Valve Body
- Sleeve
- Valve
- Spring and Locking Ring
- Locking Balls
- Seals
- Distance Sleeve
- Spring Plate

Standard Version

- Brass, Nickel Plated
- Brass, Nickel Plated
- Brass, Nickel Plated
- Zinc Die-Casting, Nickel Plated
- AISI 301
- AISI 420
- Buna N
- Brass
- Brass

Additional Version

- AISI 303**
- AISI 303
- AISI 303
- AISI 303
- AISI 301
- AISI 316
- Viton®
- AISI 303
- AISI 303

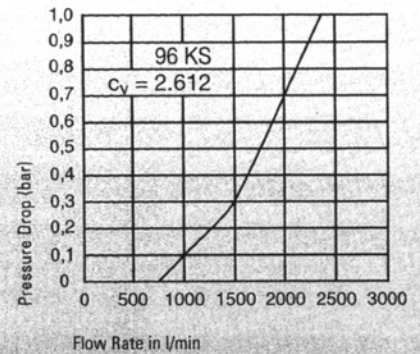
Plug

Brass, Nickel Plated

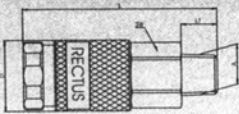
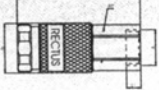
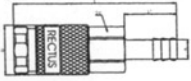
AISI 303

Chart

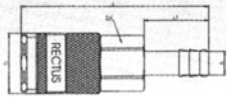
Air



Couplings

	Connection A	Hex SW	L	D	L1	L2	Hex1 SW1	B	G	Version	Part Number
 Male Thread	R 1/4	19	65	23	12					Standard Design	96KS AK13 BPN
	R 3/8	19	64	23	12					Standard Design	96KS AK17 BPN
	G 3/8	19	62	23	9					AISI 303	96KS AW17 RVX
	R 1/2	22	66	23	17					Standard Design	96KS AK21 BPN
 Female Thread	G 1/4	19	60	23	10					Standard Design	96KS IW13 BPN
	G 3/8	19	59	23	9					Standard Design	96KS IW17 BPN
 Hose Barb	6 mm	19	78	23	25					Standard Design	96KS TF06 BPN
	7 mm	20	77	23	22					Standard Design	96KS TF07 BPN
	9 mm	19	78	23	25					Standard Design	96KS TF09 BPN
	10 mm	19	78	23	25					Standard Design	96KS TF10 BPN
	13 mm	19	78	23	25					Standard Design	96KS TF13 BPN

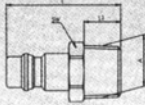
Couplings



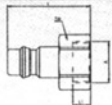
Hose Barb

Connection A	Hex SW	L	D	L1	L2	Hex SW1	B	G	Version	Part Number
9 mm	19	74	23	25					Standard Design	95KS TF09 BPN
									AISI 303/Brass	95KS TF09 RPN
10 mm	19	74	23	25					Standard Design	95KS TF10 BPN
									AISI 303/Brass	95KS TF10 RPN
13 mm	19	74	23	25					Standard Design	95KS TF13 BPN
									AISI 303/Brass	95KS TF13 RPN

Plugs



Male Thread



Female Thread

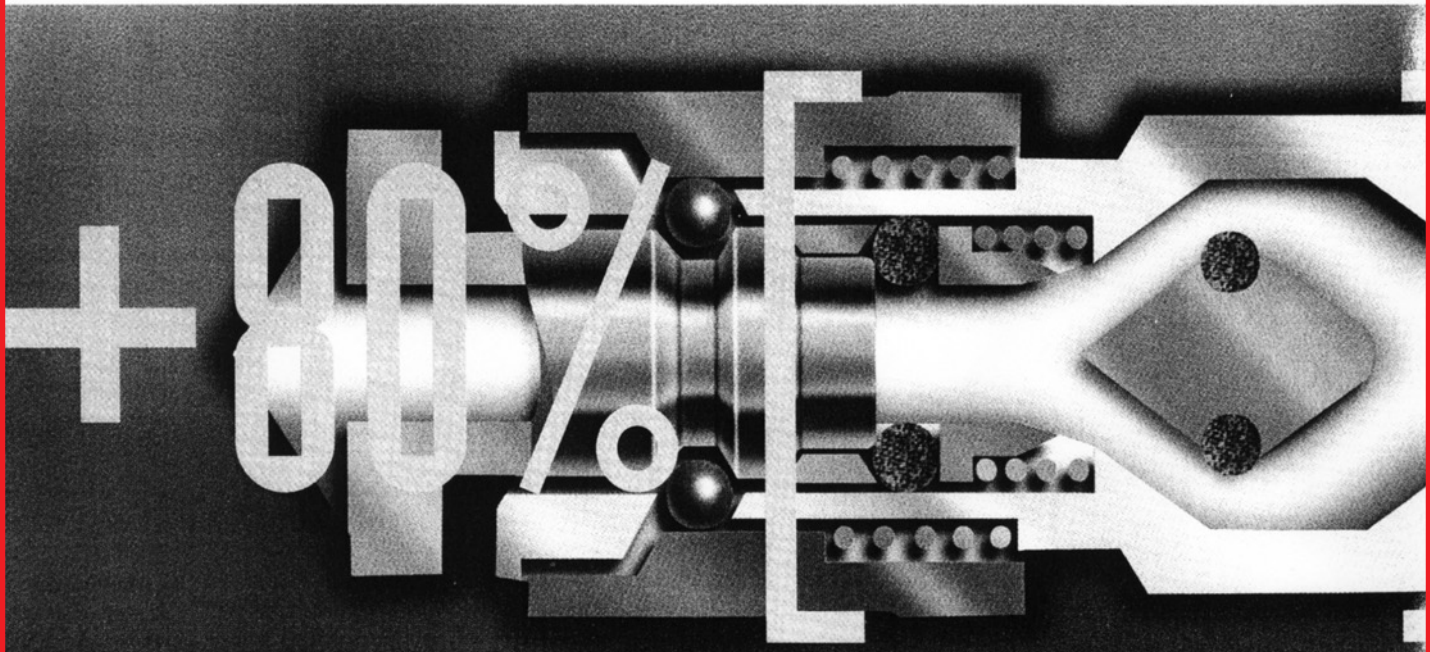
Connection A	Hex SW	L	D	L1	L2	Hex1 SW1	B	G	Version	Part Number
R 1/4	14	38,5		12					Standard Design	95SS AK13 MXN
R 3/8	17	38,5		12					Standard Design	95SS AK17 MXN
G 1/4	17	33		9					Standard Design	95SS IW13 MXN
G 3/8	19	33		9					Standard Design	95SS IW17 MXN

Plugs

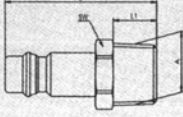
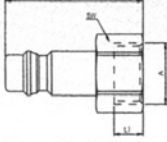


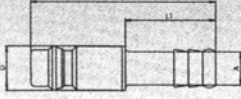
Hose Barb

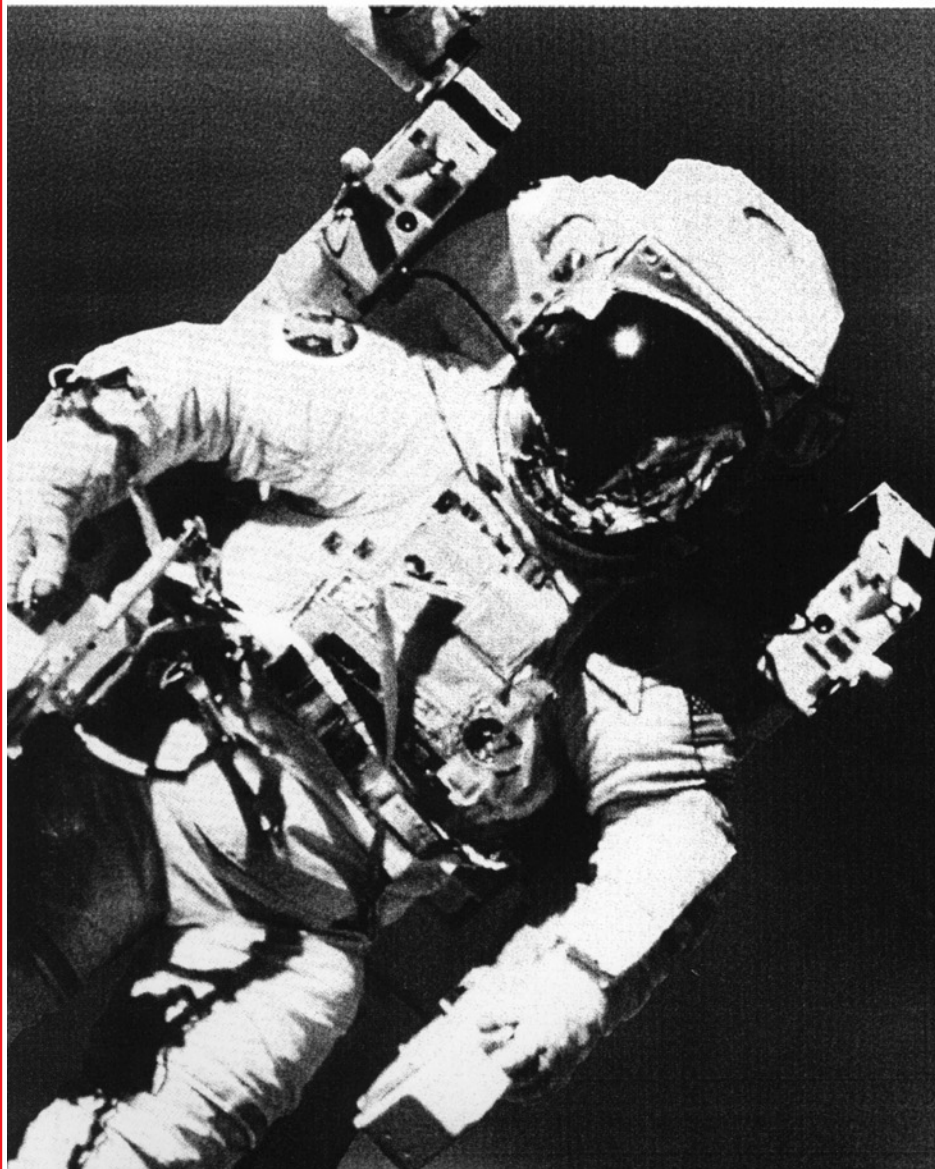
Connection A	Hex SW	L	D	L1	L2	Hex1 SW1	B	G	Version	Part Number
6 mm		47,5	14	25					Standard Design	95SS TF06 MXN
9 mm		47,5	14	25					Standard Design	95SS TF09 MXN
10 mm		47,5	14	25					Standard Design	95SS TF10 MXN



Only RECTUS has quick connect couplings with the UltraFlo valve. The favorable flow characteristics of this design increase the flow performance and thus the efficiency of various systems by about 80%!

Plugs		Connection A	Hex SW	L	D	L1	L2	Hex1 SW1	B	G	Version	Part Number
 <p>Male Thread</p>	R 1/4	14	42		12						Standard Design	96SS AK13 MXN
	R 3/8	17	42		12						Standard Design	96SS AK17 MXN
	G 3/8	19	38		9						AISI 303	96SS AW17 RXX
 <p>Female Thread</p>	G 1/4	17	38		10						Standard Design	96SS IW13 MXN
	G 3/8	19	38		10							Standard Design

Plugs		Connection A	Hex SW	L	D	L1	L2	Hex1 SW1	B	G	Version	Part Number
 <p>Hose Barb</p>	6 mm		51	12	25						Standard Design	96SS TF06 MXN
	9 mm		51	12	25						Standard Design	96SS TF09 MXN
	13 mm		53	15	25						Standard Design	96SS TF13 MXN



Did you know...
 ... that RECTUS safety quick connect couplings are also used in the aerospace industry?

