

Technical Description

The 28KS safety coupling is the largest version of our safety range. The plug must be pushed further into the coupling before it can be disconnected, which prevents unintentional disconnection. The plug profile conforms with the CETOP RP 59 P-15 standard.

Advantages

Single handed operation. High quality coupling made of steel. Safety locking system. High flow rate due to the UltraFlo valve. Double profiled plug design against wear of material during operation.

Working Pressure

PB = 35 bar, 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)
 depending on the medium.

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

Material

Coupling

Back Body
 Valve Body
 Sleeve
 Valve
 Spring and Locking Rings
 Locking Balls
 Seals

Standard

Brass, Nickel Plated
 Steel, Nickel Plated
 Steel Hardened, Nickel Plated
 Brass
 AISI 301
 AISI 420
 NBR

Plug

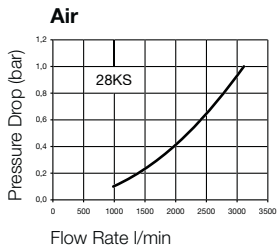
Plug

Steel Hardened,
 Nickel Plated



actual size

Chart



Couplings

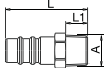
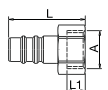
RECTUS Series 28KS

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 1/2	24	69,5	28	17					Standard	28KS AK21 SPN
	R 3/4	27	69,5	28	17					Standard	28KS AK26 SPN
 Female Thread	G 3/8	24	61,5	28	12					Standard	28KS IW17 SPN
	G 1/2	24	61,5	28	12					Standard	28KS IW21 SPN
	G 3/4	32	65,5	28	16					Standard	28KS IW26 SPN
 Hose Barb	13 mm	24	81,5	28	25					Standard	28KS TF13 SPN
	16 mm	24	81,5	28	25					Standard	28KS TF16 SPN
	19 mm	24	81,5	28	25					Standard	28KS TF19 SPN

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

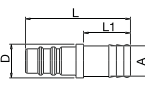
Plugs

RECTUS Series 28KS

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	R 3/8	17	45	12						Standard	28SS AK17 SXN
	R 1/2	22	50	17						Standard	28SS AK21 SXN
 Female Thread	G 3/8	19	39	9						Standard	28SS IW17 SXN
	G 1/2	24	42	12						Standard	28SS IW21 SXN
	G 3/4	32	47	16						Standard	28SS IW26 SXN

Plugs

RECTUS Series 28KS

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Hose Barb	10 mm		54	15	25					Standard	28SS TF10 SXN
	13 mm		54	15	25					Standard	28SS TF13 SXN
	16 mm		56	18	25					Standard	28SS TF16 SXN
	19 mm		56	21	25					Standard	28SS TF19 SXN