

RECTUS SERIES

HIGH PRESSURE COUPLINGS

TECHNICAL DESCRIPTION

This coupling system has been developed specifically for the area of breathing protection. High Flow valve for optimum flow and low pressure drop. Additional safety locking system. This safety lock pre-vents unintentional disconnection. To disconnect, the plug must first be pushed further into the coupling before it can be unlocked. Tested according DIN EN 14593.

Series 95/96 with additional end connections available on request.

Connecting Force 0 bar: 30 N
Connecting Force 6 bar: 105 N

MATERIAL

Coupling: Brass nickel plated

Plug: Brass nickel plated or Stainless Steel

Seals: NBR or FKM

WORKING PRESSURE

35 bar maximum static working pressure with design factor 4:1.


WORKING TEMPERATURE

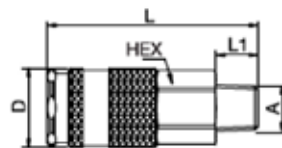
-20°C up to +100°C (NBR) depending on the medium.




COUPLINGS WITH VALVE

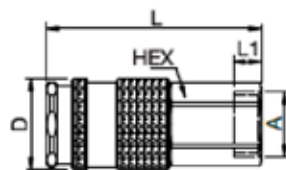
Male Thread

#	Connection		L	L1	D	Version
	A	mm	mm	mm	mm	
95KSAK13BPN	R 1/4	19.0	61.0	12.0	23.0	Nickel Plated
95KSAK13RPN	R 1/4	19.0	61.0	12.0	23.0	Stainless Steel
95KSAK17BPN	R 3/8	19.0	61.0	12.0	23.0	Nickel Plated
95KSAK17RPN	R 3/8	19.0	61.0	12.0	23.0	Stainless Steel
95KSAK21BPN	R 1/2	22.0	61.0	17.0	23.0	Nickel Plated
95KSAK21RPN	R 1/2	22.0	61.0	17.0	23.0	Stainless Steel



Female Thread


#	Connection		L	L1	D	Version
	A	mm	mm	mm	mm	
95KSIW13BPN	G 1/4	19.0	56.0	10.0	23.0	Nickel Plated
95KSIW13RPN	G 1/4	19.0	56.0	10.0	23.0	Stainless Steel
95KSIW17BPN	G 3/8	19.0	55.0	9.0	23.0	Nickel Plated
95KSIW17RPN	G 3/8	19.0	55.0	9.0	23.0	Stainless Steel

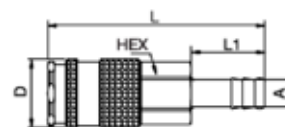


RECTUS SERIES

HIGH PRESSURE COUPLINGS


Hose Barb

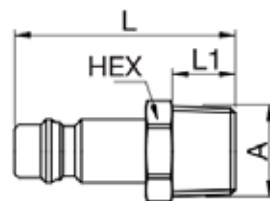
#	Connection		L	L1	D	Version
	A	mm	mm	mm	mm	
95KSTF06BPN	6mm	19.0	74.0	25.0	23.0	Nickel Plated
95KSTF08BPN	8mm	19.0	74.0	25.0	23.0	Nickel Plated
95KSTF09BPN	9mm	19.0	74.0	25.0	23.0	Nickel Plated
95KSTF09RPN	9mm	19.0	74.0	25.0	23.0	Stainless Steel
95KSTF10BPN	10mm	19.0	74.0	25.0	23.0	Nickel Plated
95KSTF10RPN	10mm	19.0	74.0	25.0	23.0	Stainless Steel




PLUGS WITHOUT VALVE

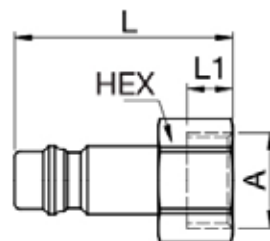
Male Thread

#	Connection		L	L1	D	Version
	A	mm	mm	mm	mm	
96SSAK13MXN	R 1/4	14.0	42.0	12.0	-	Brass
96SSAK17MXN	R 3/8	17.0	42.0	12.0	-	Brass
96SSAW17RXS	G 3/8	19.0	38.0	9.0	-	Stainless Steel




Female Thread

#	Connection		L	L1	D	Version
	A	mm	mm	mm	mm	
96SSIW13MXN	G 1/4	17.0	38.0	10.0	-	Brass
96SSIW17MXN	G 3/8	19.0	38.0	10.0	-	Brass



Hose Barb

#	Connection		L	L1	D	Version
	A	mm	mm	mm	mm	
96SSTF06MXN	6mm	-	51.0	25.0	12.0	Brass
96SSTF09MXN	9mm	-	51.0	25.0	12.0	Brass
96SSTF13MXN	13mm	-	53.0	25.0	12.0	Brass

