



Technical Description

1/2" Coupling-System according to US-MIL-Spec. C-4109 made of brass. Plug design optimised through greater insert depth.

Advantages

Single handed operation.
Tough construction.

Working Pressure

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

Interchangeability

Industrial Interchange 1/2"
US-MIL-Spec. C-4109 1/2"
ISO 6150-B-17
GROMELLE 1300
HANSEN 5000

Working Temperature*

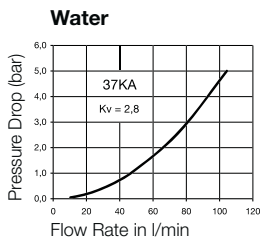
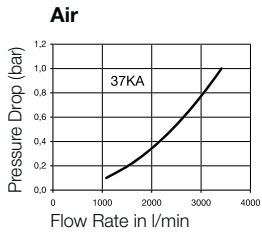
-20°C up to +100°C (NBR)
-40°C up to +120/150°C (EPDM)
-15°C up to +200°C (FKM)
depending on the medium.

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

70% of actual size



Chart



Material

Coupling

Back Body
Valve Body
Sleeve
Valve
Spring and Locking Ring
Pins
Seals

Standard

Brass
Brass
Brass
Brass
AISI 301
AISI 420
NBR

Nickel Plated

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

Plug

Plug

Steel Hardened, Nickel Plated

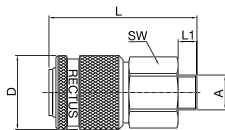
You will find the following alternative versions in our current catalogue on page:

► Safety Self-Venting P. 294

Couplings

RECTUS Series 37KA

Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
G 3/8	30	70,5	35	9					Standard	37KA AW17 MPX
									Nickel Plated	37KA AW17 MPN
1/2 NPT	30	79	35	17					Standard	37KA AN21 MPX
									Nickel Plated	37KA AN21 MPN
G 1/2	30	76,5	35	12					Standard	37KA AW21 MPX
									Nickel Plated	37KA AW21 MPN
3/4 NPT	30	81	35	19					Standard	37KA AN26 MPX
									Nickel Plated	37KA AN26 MPN
G 3/4	30	77,5	35	13					Standard	37KA AW26 MPX
									Nickel Plated	37KA AW26 MPN

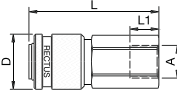
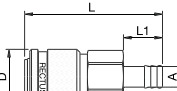


Male Thread

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

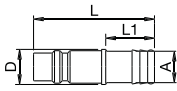
Couplings

RECTUS Series 37KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 <p>Female Thread</p>	3/8 NPSF	30	76	35	14					Standard	37KA IN17 MPX
										Nickel Plated	37KA IN17 MPN
	1/2 NPSF	30	83	35	23					Standard	37KA IN21 MPX
										Nickel Plated	37KA IN21 MPN
	3/4 NPSF	32	84	35	24					Standard	37KA IN26 MPX
										Nickel Plated	37KA IN26 MPN
 <p>Hose Barb</p>	10 mm	30	86	35	25					Standard	37KA TF10 MPX
										Nickel Plated	37KA TF10 MPN
	13 mm	30	86	35	25					Standard	37KA TF13 MPX
										Nickel Plated	37KA TF13 MPN
	16 mm	30	86	35	25					Standard	37KA TF16 MPX
										Nickel Plated	37KA TF16 MPN
	19 mm	30	86	35	25					Standard	37KA TF19 MPX
										Nickel Plated	37KA TF19 MPN

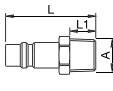
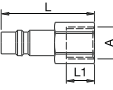
Plugs

RECTUS Series 37KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 <p>Hose Barb</p>	10 mm		62	17	25					Nickel Plated	37SF TF10 SXN
	13 mm		62	17	25					Nickel Plated	37SF TF13 SXN
	16 mm		62	18	25					Nickel Plated	37SF TF16 SXN
	19 mm		72	21	35					Nickel Plated	37SF TF19 SXN

Plugs

RECTUS Series 37KA

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	R 3/8	17	53	12						Nickel Plated	37SF AK17 SXN
	R 1/2	22	60	17						Nickel Plated	37SF AK21 SXN
	R 3/4	27	61	19						Nickel Plated	37SF AK26 SXN
 <p>Female Thread</p>	R 3/8	19	56	19						Nickel Plated	37SF IN17 SXN
	G 1/2	24	50	10						Nickel Plated	37SF IW21 SXN
	G 3/4	32	57	14						Nickel Plated	37SF IW26 SXN