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Press

Nom. Diameter 11 = 95 mm²
37 KA series



Technical Description

The 37 series is an exceptionally durable brass coupling, the plug profile is made according to the US MIL-NORM C-4109. The coupling system is used mainly in the US and in France.

Advantages

Tough construction, many connecting variations, optimum plug sealing.

Applications

Air tools, compressed air, mechanical engineering, compressors.

Interchangeability

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

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®) 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
Pins
Seals

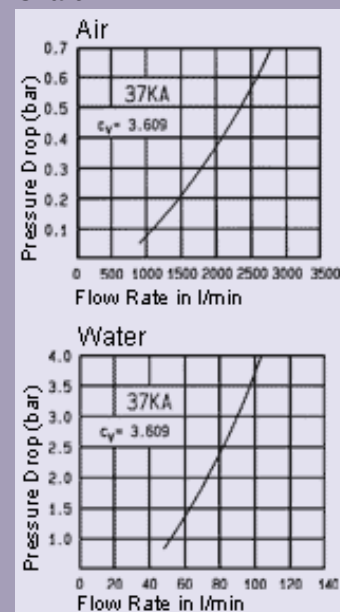
Standard Version

Brass
Brass
Brass
Brass
AISI 301
AISI 420
Buna N

Additional Version Nickel Plated

Brass, Nickel Plated
Brass, Nickel Plated
Brass, Nickel Plated
Brass
AISI 301
AISI 420
Buna N

Chart



Plug

Plug

Steel Hardened, Nickel Plated

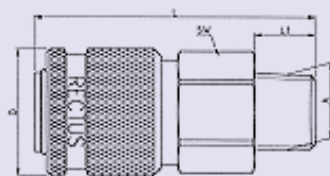
Steel Hardened, Nickel Plated

PDF-Documents

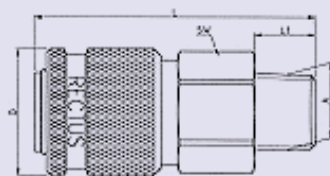
[Safety Instructions](#)

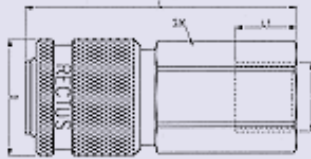
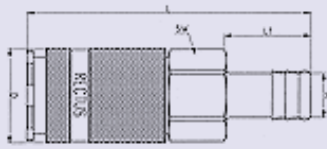
[Installation and maintenance instructions](#)

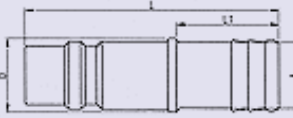
[Operating instructions](#)

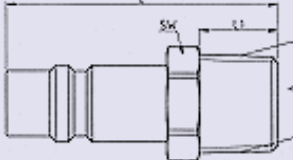
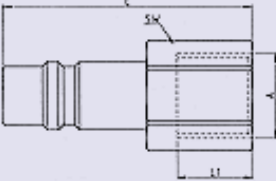


Male Thread

Couplings	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number
	1/4 NPT	30	76	35	12					Standard	37KAAN13MPX
										Nickel plated	37KAAN13MPN
	3/8 NPT	30	74	35	12					Standard	37KAAN17MPX
										Nickel plated	37KAAN17MPN
	G 3/8									Standard	37KAAW17MPX
										Nickel plated	37KAAW17MPN
	1/2 NPT	30	79	35	17					Standard	37KAAN21MPX
										Nickel plated	37KAAN21MPN
	G 1/2									Standard	37KAAW21MPX
										Nickel plated	37KAAW21MPN
	3/4 NPT	30	81	35	19					Standard	37KAAN26MPX
										Nickel plated	37KAAN26MPN
	G 3/4									Standard	37KAAW26MPX
										Nickel plated	37KAAW26MPN

 Female Thread	1/4 NPT	30	77	35	13						Standard	37KAIN13MPX
											Nickel plated	37KAIN13MPN
	3/8 NPT	30	76	35	14						Standard	37KAIN17MPX
											Nickel plated	37KAIN17MPN
	1/2 NPT	30	83	35	23						Standard	37KAIN21MPX
											Nickel plated	37KAIN21MPN
	3/4 NPSF	32	84	35	24						Standard	37KAIN26MPX
											Nickel plated	37KAIN26MPN
 Hose Barb	6 mm	30	86	35	25						Standard	34KATF06MPX
											Nickel plated	34KATF06MPN
	8 mm	30	86	35	25						Standard	37KATF08MPX
											Nickel plated	37KATF08MPN
	10 mm	30	86	35	25						Standard	37KATF10MPX
											Nickel plated	37KATF10MPN
	13 mm	30	86	35	25						Standard	37KATF13MPX
											Nickel plated	37KATF13MPN
	16 mm	30	86	35	25						Standard	37KATF16MPX
											Nickel plated	37KATF16MPN
	19 mm	30	86	35	25						Standard	37KATF19MPX
											Nickel plated	37KATF19MPN

Plug	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number
 Hose Barb	10 mm		62	17	25					Standard	37SFTF10SXN
	13 mm		62	17	25					Standard	37SFTF13SXN
	16 mm		62	18	25					Standard	37SFTF16SXN
	19 mm		72	21	35					Standard	37SFTF19SXN

Plug	Connection A	Hex	L	D	L1	L2	Hex1	B	G	Material	part number
 Male Thread	1/4 NPT	17	53		12					Standard	37SFAN13SXN
	3/8 NPT	17	53		12					Standard	37SFAN17SXN
	1/2 NPT	22	59		17					Standard	37SFAN21SXN
	G 1/2									Standard	37SFAW21SXN
	3/4 NPT	27	62		19					Standard	37SFAN26SXN
 Female Thread	3/8 NPSF	19	56		19					Standard	37SFIN17SXN
	G3/8									Standard	37SFIW17SXN
	1/2 NPSF	24	61		23					Standard	37SFIN21SXN
	G 1/2									Standard	37SFIW21SXN
	3/4 NPSF	32	62		24					Standard	37SFIN26SXN
	G 3/4									Standard	37SFIW26SXN