

**Technical Description**

Smallest mini industrial coupling for air and gas applications. Primarily in medicine, didactics and model building. Specific application for liquids due to size. Coupling system with single-hand operation. Extremely small dimensions.

Working Temperature*

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

* For temperatures below -20°C and over +100°C and depending on the medium, other seal variants (FKM, EPDM, FFKM) are available.

**Working Pressure****

35 bar

** maximum static working pressure with safety factor 4 to 1.

Material

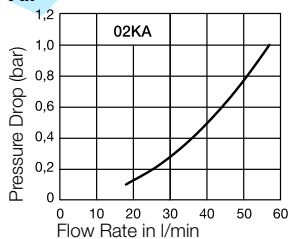
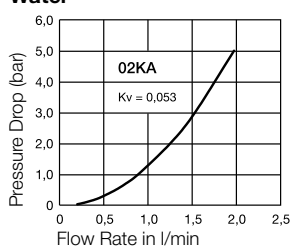
Coupling: Brass

Plug: Brass

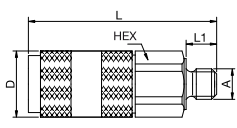
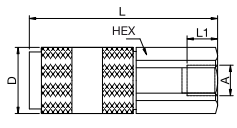
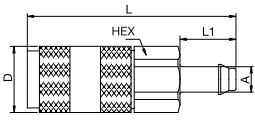
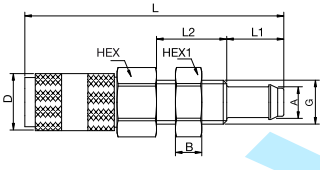
Seals: NBR

Interchangeability

- Rectus Design

Flow diagrams**Air****Water**

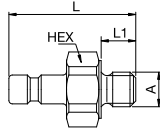
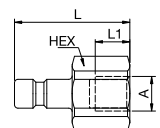
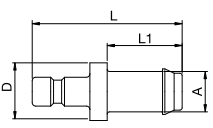
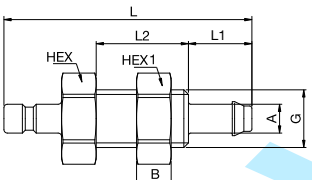


	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 Male Thread	M 3	6		19	3		6,5			blank	02KAAM03MPX
	M 3	6		19	3		6,5			nickel plated	02KAAM03MPN
 Female Thread	M 3	6		19	3		6,5			blank	02KAIM03MPX
	M 3	6		19	3		6,5			nickel plated	02KAIM03MPN
 Hose Barb	2 mm	6		21	5,5		6,5			blank	02KATF02MPX
	2 mm	6		21	5,5		6,5			nickel plated	02KATF02MPN
	3 mm	6		22	5,5		6,5			blank	02KATF03MPX
	3 mm	6		22	5,5		6,5			nickel plated	02KATF03MPN
 Panel Mount with Hose Barb	2 mm	7	7	29	5,5	8	6,5	3	M 5	blank	02KATS02MPX
	2 mm	7	7	29	5,5	8	6,5	3	M 5	nickel plated	02KATS02MPN
	3 mm	7	7	30	6,5	8	6,5	3	M 5	blank	02KATS03MPX
	3 mm	7	7	30	6,5	8	6,5	3	M 5	nickel plated	02KATS03MPN



Plugs – without valve

Series 02KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Male Thread</p>	M 3	6		11	3					blank	02SFAM03MXX
	M 3	6		11	3					nickel plated	02SFAM03MXN
 <p>Female Thread</p>	M 3	6		10	3					blank	02SFIM03MXX
	M 3	6		10	3					nickel plated	02SFIM03MXN
 <p>Hose Barb</p>	2 mm			12	5,5		4			blank	02SFTF02MXX
	2 mm			12	5,5		4			nickel plated	02SFTF02MXN
 <p>Panel Mount with Hose Barb</p>	2 mm	7	7	22	5,5	8		3	M 5	blank	02SFTS02MXX
	2 mm	7	7	22	5,5	8		3	M 5	nickel plated	02SFTS02MXN
	3 mm	7	7	23	6,5	8		3	M 5	blank	02SFTS03MXX
	3 mm	7	7	23	6,5	8		3	M 5	nickel plated	02SFTS03MXN

KOVAR S.r.o.