

Nominal Diameter

1,5 = 1,8 mm<sup>2</sup>

RECTUS Series

02KA



actual size



**Technical Description**

Smallest mini industrial coupling, suitable for air and gas applications. Primarily in medicine, didactics and model building. Specific application for liquids due to size.

**Advantages**

Single handed operation.  
Extremely small dimensions.

**Working Pressure**

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

**Interchangeability**

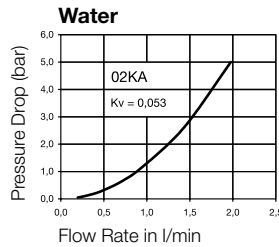
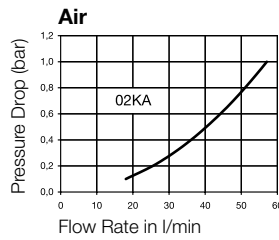
RECTUS Design

**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.

**Chart**



**Material**

**Coupling**

Back Body  
Valve Body  
Sleeve  
Valve  
Spring and Locking Ring  
Locking Balls  
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**

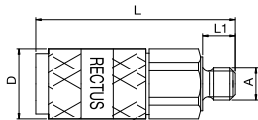
Plug

Brass

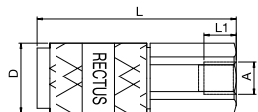
Brass, Nickel Plated

**Couplings**

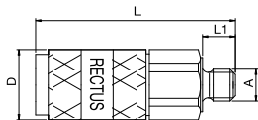
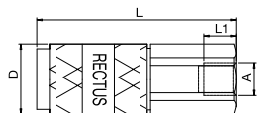
**RECTUS Series 02KA**



Male Thread

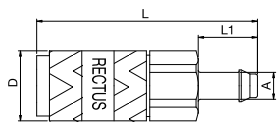
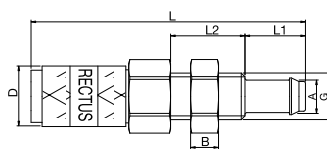


Female Thread

	Connection A	Hex SW	L mm	D mm	L1 mm	L2 mm	Hex1 SW1	B mm	G mm	Version	Part Number
 Male Thread	M 3	6	19	6,5	3					Standard	02KA AM03 MPX
										Nickel Plated	02KA AM03MPN
 Female Thread	M 3	6	19	6,5	3					Standard	02KA IM03 MPX
										Nickel Plated	02KA IM03 MPN

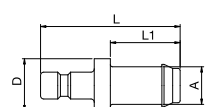
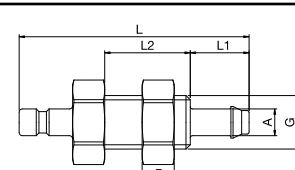
## Couplings

## RECTUS Series 02KA

	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>	2 mm	6	21	6,5	5,5					Standard	02KA TF02 MPX
										Nickel Plated	02KA TF02 MPN
	3 mm	6	22	6,5	6,5					Standard	02KA TF03 MPX
										Nickel Plated	02KA TF03 MPN
 <p>Panel Mount, Hose Barb</p>	2 mm	7	29	6,5	5,5	8	7	3	M 5	Standard	02KA TS02 MPX
										Nickel Plated	02KA TS02 MPN
	3 mm	7	30	6,5	6,5	8	7	3	M 5	Standard	02KA TS03 MPX
										Nickel Plated	02KA TS03 MPN

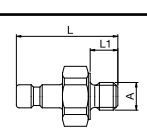
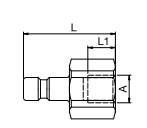
## Plugs

## RECTUS Series 02KA

	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>	2 mm		12	4	5,5					Standard	02SF TF02 MXX
										Nickel Plated	02SF TF02 MXN
	3 mm		13	5	6,5					Standard	02SF TF03 MXX
 <p>Panel Mount, Hose Barb</p>	2 mm	7	22		5,5	8	7	3	M 5	Standard	02SF TS02 MXX
										Nickel Plated	02SF TS02 MXN
	3 mm	7	23		6,5	8	7	3	M5	Standard	02SF TS03 MXX
										Nickel Plated	02SF TS03 MXN

## Plugs

## RECTUS Series 02KA

	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>	M 3	6	11		3					Standard	02SF AM03 MXX
										Nickel Plated	02SF AM03 MXN
 <p>Female Thread</p>	M 3	6	10		3					Standard	02SF IM03 MXX
										Nickel Plated	02SF IM03 MXN