


Other designs in series 21

The following other designs can be found from page:

- Brass / Steel P. 26
- Stainless Steel P. 140
- Thermoplastic P. 176
- Coded Systems P. 234

Mini industrial coupling with the world's most popular profile in this nominal diameter. Above average flow performance for liquid and gaseous media.

It also uses an additional safety locking system. This prevents unintentional disconnection. When being disconnected, the plug must first be pushed further into the coupling before it can be disconnected.

Series 21 in brass material without nickel plating and with additional end connections available on request.

Dust Protections (P. 250)
for Coupling Part.-No. SK16S

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 design factor 4 to 1.

35 bar

Material

Coupling: Brass nickel plated
Plug: Brass nickel plated
Seals: NBR

Coupling: Brass nickel plated
Plug: Brass nickel plated
Seals: NBR

Technical Description

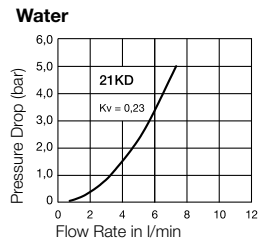
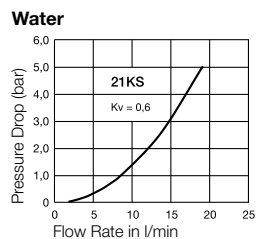
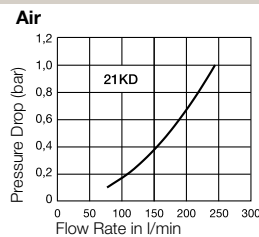
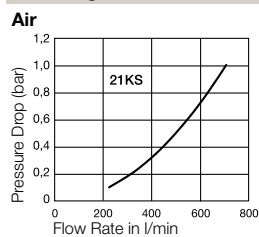
Connecting Force 0 bar: 35 N
Connecting Force 6 bar: 60 N

Vacuum Coupling: 87%
Vacuum connected: 87%

Dead space volume: 0,6 ml

Connecting Force 0 bar: 40 N
Connecting Force 6 bar: 80 N

Vacuum Coupling: 96%
Vacuum Plug: 96%
Vacuum connected: 96%

Flow diagrams




Couplings – with valve

Series 21KS

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
<p>Male Thread</p>	G 1/8	14	36	7	16	21KSAW10MPN
	G 1/4	17	38	9	16	21KSAW13MPN
	G 3/8	19	38	9	16	21KSAW17MPN
<p>Female Thread</p>	G 1/8	14	36	9	16	21KSIW10MPN
	G 1/4	17	38	9	16	21KSIW13MPN
	G 3/8	19	38	6	16	21KSIW17MPN
<p>Hose Barb</p>	4 mm	14	46	17	16	21KSTF04MPN
	5 mm	14	46	17	16	21KSTF05MPN
	6 mm	14	46	17	16	21KSTF06MPN
	8 mm	14	46	17	16	21KSTF08MPN
	9 mm	14	46	17	16	21KSTF09MPN
	10 mm	14	46	17	16	21KSTF10MPN



Plugs – without valve

Series 21KS

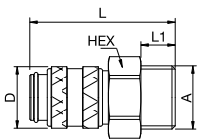
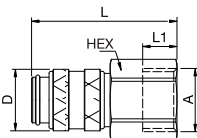
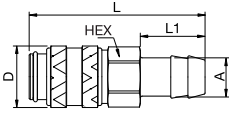
	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
<p>Male Thread</p>	G 1/8	14	25	7		21SSAW10MXN
	G 1/4	17	28	9		21SSAW13MXN
<p>Female Thread</p>	G 1/8	14	25	8		21SSIW10MXN
	G 1/4	17	25	9		21SSIW13MXN
<p>Hose Barb</p>	6 mm		32	17	9	21SSTF06MXN
	8 mm		32	17	9	21SSTF08MXN
	10 mm		33	17	12	21SSTF10MXN

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

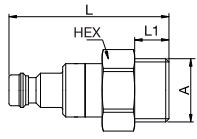
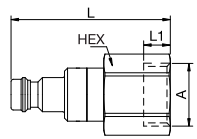
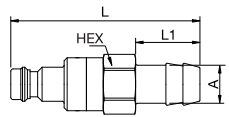
Safety

Low Pressure


Couplings – with valve
Series 21KD

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Male Thread</p>	G 1/8	14	36	7	16	21KDAW10MPN
	G 1/4	17	38	9	16	21KDAW13MPN
	G 3/8	19	38	9	16	21KDAW17MPN
 <p>Female Thread</p>	G 1/8	14	36	9	16	21KDIW10MPN
	G 1/4	17	38	9	16	21KDIW13MPN
	G 3/8	19	38	9	16	21KDIW17MPN
 <p>Hose Barb</p>	6 mm	14	46	17	16	21KDTF06MPN
	10 mm	14	46	17	16	21KDTF10MPN


Plugs – with valve
Series 21KD

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Male Thread</p>	G 1/8	14	40	7		21SDAW10MPN
	G 1/4	17	42	9		21SDAW13MPN
	G 3/8	19	42	9		21SDAW17MPN
 <p>Female Thread</p>	G 1/8	14	40	7		21SDIW10MPN
	G 1/4	17	42	7		21SDIW13MPN
 <p>Hose Barb</p>	6 mm	14	50	17		21SDTF06MPN
	10 mm	14	50	17		21SDTF10MPN