




Other designs in series 21

The following other designs can be found from page:

- ▶ Brass / Steel P. 30
- ▶ Stainless Steel P. 192
- ▶ Thermoplastic P. 232
- ▶ Medical Technology (MD) P. 256
- ▶ Coded Systems P. 298

Technical Description

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.

Dust Protections  (P. 319)
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 safety factor 4 to 1.

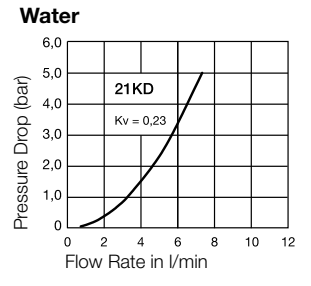
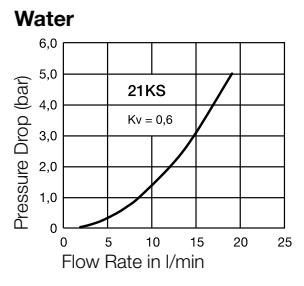
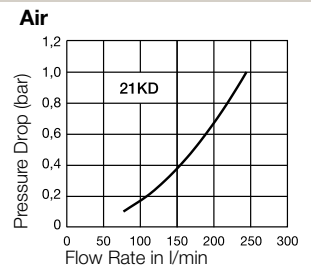
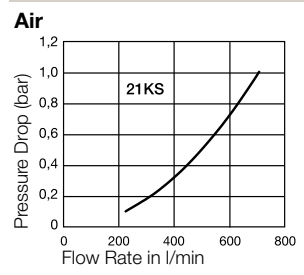
35 bar

Material

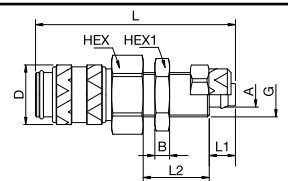
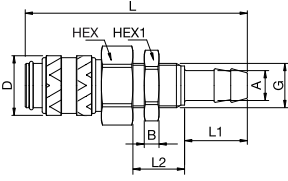
Coupling: Brass
Plug: Brass
Seals: NBR

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

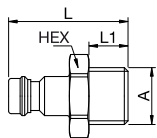
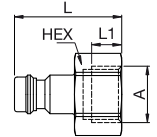
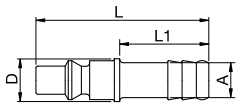
Flow diagrams



Couplings – with valve **Series 21KS**

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	Part Number
 <p>Panel Mount with Plastic Hose Connection</p>	4 x 6 mm	14	14	54	7	18	16	4	M 10 x 1	blank	21KSKS06MPX
	4 x 6 mm	14	14	54	7	18	16	4	M 10 x 1	nickel plated	21KSKS06MPN
	6 x 8 mm	17	17	54	7	18	16	4	M 12 x 1	blank	21KSKS08MPX
	6 x 8 mm	17	17	54	7	18	16	4	M 12 x 1	nickel plated	21KSKS08MPN
 <p>Panel Mount with Hose Barb</p>	4 mm	14	14	60	17	14	16	4	M 10 x 1	blank	21KSTS04MPX
	4 mm	14	14	60	17	14	16	4	M 10 x 1	nickel plated	21KSTS04MPN
	5 mm	17	17	60	17	14	16	4	M 12 x 1	blank	21KSTS05MPX
	5 mm	17	17	60	17	14	16	4	M 12 x 1	nickel plated	21KSTS05MPN
	6 mm	17	17	60	17	14	16	4	M 12 x 1	blank	21KSTS06MPX

Plugs – without valve **Series 21KS**

	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>	G 1/8	14		25	7					blank	21SSAW10MXX
	G 1/8	14		25	7					nickel plated	21SSAW10MXN
	G 1/4	17		28	9					blank	21SSAW13MXX
	G 1/4	17		28	9					nickel plated	21SSAW13MXN
 <p>Female Thread</p>	G 1/8	14		25	8					blank	21SSIW10MXX
	G 1/8	14		25	8					nickel plated	21SSIW10MXN
	G 1/4	17		25	9					blank	21SSIW13MXX
	G 1/4	17		25	9					nickel plated	21SSIW13MXN
 <p>Hose Barb</p>	4 mm			32	17		9			blank	21SSTF04MXX
	4 mm			32	17		9			nickel plated	21SSTF04MXN
	6 mm			32	17		9			blank	21SSTF06MXX
	6 mm			32	17		9			nickel plated	21SSTF06MXN
	8 mm			32	17		9			blank	21SSTF08MXX
	8 mm			32	17		9			nickel plated	21SSTF08MXN
	9 mm			33	17		10			blank	21SSTF09MXX
	9 mm			33	17		10			nickel plated	21SSTF09MXN
	10 mm			33	17		12			blank	21SSTF10MXX
	10 mm			33	17		12			nickel plated	21SSTF10MXN