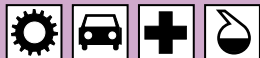


5 = 20 mm²

21

**Other designs in series 21**

The following other designs can be found from page:

- | | |
|---------------------------|--------|
| ▶ Brass / Steel | P. 30 |
| ▶ Stainless Steel | P. 192 |
| ▶ Medical Technology (MD) | P. 256 |
| ▶ Safety | P. 270 |
| ▶ Coded Systems | P. 298 |

Technical Description

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

Coupling system with single-hand operation. This new type of plastic locking system with handy sleeve considerably expands the applications of this series. Two sleeve forms - tapered and cylindrical, where the tapered sleeve form facilitates handling with gloves. The color coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling.

Working Temperature

-20°C up to +80°C (POM)
-20°C up to +120°C (PVDF)
depending on the medium.

Other seal variants are available on request (FKM, EPDM, FFKM).

RectuPOM**RectuChem****Working Pressure****

10 bar (POM, at 20°C)
** maximum static working pressure with safety factor 4 to 1.

8 bar (PVDF, at 20°C)

Material

Coupling: POM black
Plug: POM black
Seals: NBR

Coupling: PVDF white
Plug: PVDF white
Seals: FKM

Valve types

single shut-off



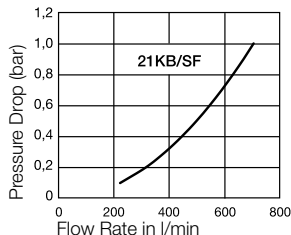
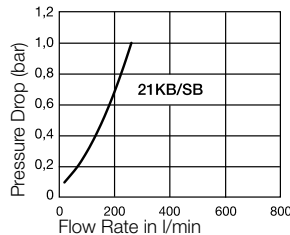
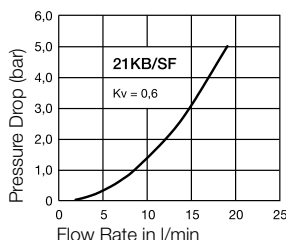
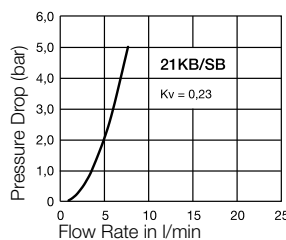
single shut-off



double shut-off



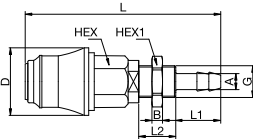
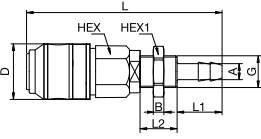
double shut-off

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



Couplings – with valve

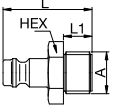
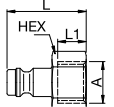
Series 21KB

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Color Sleeve	Part Number POM	Part Number CHEM
 <p>Panel Mount with Hose Barb with tapered sleeve</p>	4 mm	17	14	74	17	14	25,5	4	M 10 x 1	Standard	21KBTS04DPX	21KBTS04FVX
	6 mm	17	14	74	17	14	25,5	4	M 10 x 1	Standard	21KBTS06DPX	21KBTS06FVX
 <p>Panel Mount with Hose Barb with cylindrical sleeve</p>	4 mm	17	14	74	17	14	21	4	M 10 x 1	Standard	21KBTS04DPXG	21KBTS04FVXG
	4 mm	17	14	74	17	14	21	4	M 10 x 1	blue	21KBTS04DPXGB	
	4 mm	17	14	74	17	14	21	4	M 10 x 1	green	21KBTS04DPXGG	
	4 mm	17	14	74	17	14	21	4	M 10 x 1	red	21KBTS04DPXGR	
	4 mm	17	14	74	17	14	21	4	M 10 x 1	yellow	21KBTS04DPXGY	
	6 mm	17	17	74	17	14	21	4	M 12 x 1	Standard	21KBTS06DPXG	21KBTS06FVXG
	6 mm	17	17	74	17	14	21	4	M 12 x 1	blue	21KBTS06DPXGB	
	6 mm	17	17	74	17	14	21	4	M 12 x 1	green	21KBTS06DPXGG	
	6 mm	17	17	74	17	14	21	4	M 12 x 1	red	21KBTS06DPXGR	
	6 mm	17	17	74	17	14	21	4	M 12 x 1	yellow	21KBTS06DPXGY	



Plugs – without valve

Series 21SF

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Color Sleeve	Part Number POM	Part Number CHEM
 <p>Male Thread</p>	G 1/8	14		25	7					Standard	21SFAW10DXX	21SFAW10FXX
	G 1/8	14		25	7					blue		21SFAW10FVXB
	G 1/8	14		25	7					green		21SFAW10FVXG
	G 1/8	14		25	7					red		21SFAW10FVXR
	G 1/8	14		25	7					yellow		21SFAW10FVXY
	G 1/4	17		28	9					Standard	21SFAW13DXX	21SFAW10FXX
	G 1/4	17		28	9					blue	21SFAW13DPXB	
	G 1/4	17		28	9					green	21SFAW13DPXG	
	G 1/4	17		28	9					red	21SFAW13DPXR	
	G 1/4	17		28	9					yellow	21SFAW13DPXY	
 <p>Female Thread</p>	G 1/8	14		24	8					Standard	21SFIW10DXX	21SFIW10FXX
	G 1/8	14		24	8					blue		21SFIW10FVXB
	G 1/8	14		24	8					green		21SFIW10FVXG
	G 1/8	14		24	8					red		21SFIW10FVXR
	G 1/8	14		24	8					yellow		21SFIW10FVXY
	G 1/4	17		25	9					Standard	21SFIW13DXX	21SFIW13FXX
	G 1/4	17		25	9					blue		21SFIW13FXXB
	G 1/4	17		25	9					green		21SFIW13FXXG
	G 1/4	17		25	9					red		21SFIW13FXXR
	G 1/4	17		25	9					yellow		21SFIW13FXXY