Nominal Diameter

5 = 20 mm²

Rectus Series

21



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.

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

KS Single Shut-Off

Working Pressure**
35 bar
** maximum static working pressure with design factor 4 to 1.

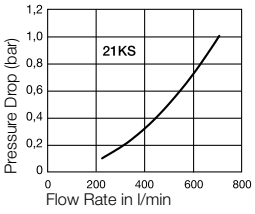
Material
Coupling: Brass nickel plated
Plug: Brass nickel plated
Seals: NBR

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

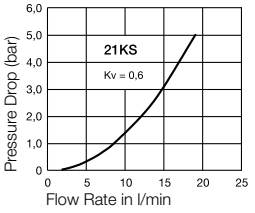
Vacuum Coupling: 87%
Vacuum connected: 87%

Flow diagrams

Air



Water



KD Double Shut-Off

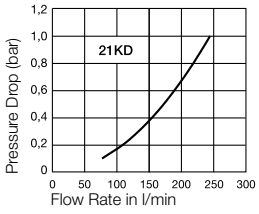
35 bar

Dead space volume: 0,6 ml

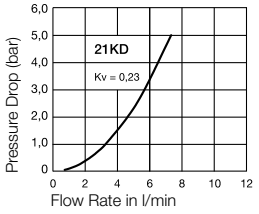
Connecting Force 0 bar: 40 N
Connecting Force 6 bar: 80 N

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

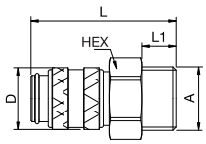
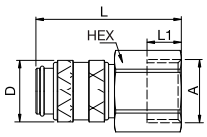
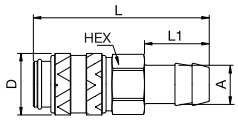
Air



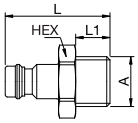
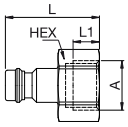
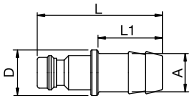
Water



Couplings – with valve — Series 21KS

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	G 1/8	14	36	7	16	21KSAW10MPN
	G 1/4	17	38	9	16	21KSAW13MPN
	G 3/8	19	38	9	16	21KSAW17MPN
 Female Thread	G 1/8	14	36	9	16	21KSIW10MPN
	G 1/4	17	38	9	16	21KSIW13MPN
	G 3/8	19	38	6	16	21KSIW17MPN
 Hose Barb	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

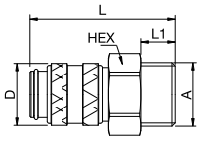
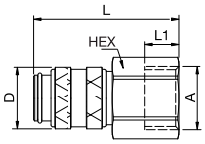
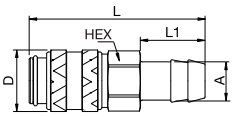
Plugs – without valve — Series 21KS

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

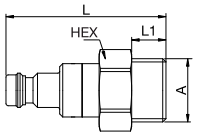
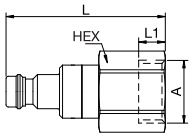
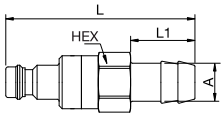
⚠ Please consider our security advices on the pages 12/13 ⚠

Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark

Couplings – with valve — Series 21KD

	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 Male Thread	G 1/8	14	36	7	16	21KDAW10MPN
	G 1/4	17	38	9	16	21KDAW13MPN
	G 3/8	19	38	9	16	21KDAW17MPN
 Female Thread	G 1/8	14	36	9	16	21KDIW10MPN
	G 1/4	17	38	9	16	21KDIW13MPN
	G 3/8	19	38	9	16	21KDIW17MPN
 Hose Barb	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
 Male Thread	G 1/8	14	40	7		21SDAW10MPN
	G 1/4	17	42	9		21SDAW13MPN
	G 3/8	19	42	9		21SDAW17MPN
 Female Thread	G 1/8	14	40	7		21SDIW10MPN
	G 1/4	17	42	7		21SDIW13MPN
 Hose Barb	6 mm	14	50	17		21SDTF06MPN
	10 mm	14	50	17		21SDTF10MPN

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