

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
► Thermoplastic	P. 232
► Medical Technology (MD)	P. 256
► Safety	P. 270

Technical Description

Coded industrial coupling system developed on the basis of series 21 with above-average flow rate for liquid and gaseous media.

Coupling system with single-hand operation. The mechanical coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling, which is complemented by the color coding of the anodised sleeves.

Double shut-off version available on request.

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.

Material

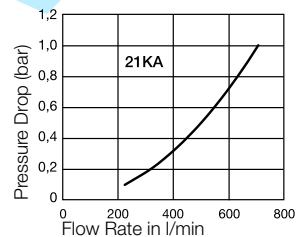
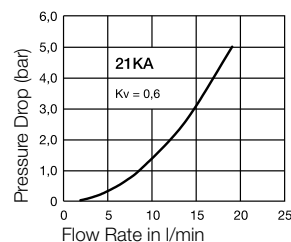
Coupling: Brass

Plug: Brass or Brass nickel plated

Seals: NBR

Interchangeability

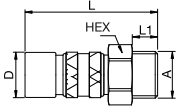
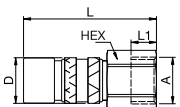
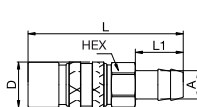
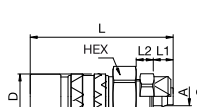
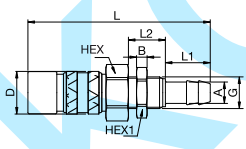
• Rectus Design

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

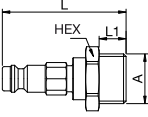
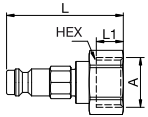
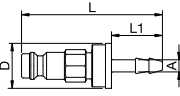
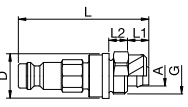
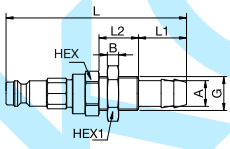


Couplings – with valve

Series 21KA

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	● Part Number	▲ Part Number	◆ Part Number	● Part Number
 Male Thread	G 1/8	14		47	7		16			blank	21KAAW10MPX0	21KAAW10MPX3	21KAAW10MPX6	21KAAW10MPX8
	G 1/8	14		47	7		16			nickel plated	21KAAW10MPN0	21KAAW10MPN3	21KAAW10MPN6	21KAAW10MPN8
	G 1/4	17		47	9		16			blank	21KAAW13MPX0	21KAAW13MPX3	21KAAW13MPX6	21KAAW13MPX8
	G 1/4	17		47	9		16			nickel plated	21KAAW13MPN0	21KAAW13MPN3	21KAAW13MPN6	21KAAW13MPN8
 Female Thread	G 1/8	14		47	7		16			blank	21KAIW10MPX0	21KAIW10MPX3	21KAIW10MPX6	21KAIW10MPX8
	G 1/8	14		47	7		16			nickel plated	21KAIW10MPN0	21KAIW10MPN3	21KAIW10MPN6	21KAIW10MPN8
	G 1/4	17		47	9		16			blank	21KAIW13MPX0	21KAIW13MPX3	21KAIW13MPX6	21KAIW13MPX8
	G 1/4	17		47	9		16			nickel plated	21KAIW13MPN0	21KAIW13MPN3	21KAIW13MPN6	21KAIW13MPN8
 Hose Barb	4 mm	14		69	17		16			blank	21KATF04MPX0	21KATF04MPX3	21KATF04MPX6	21KATF04MPX8
	4 mm	14		69	17		16			nickel plated	21KATF04MPN0	21KATF04MPN3	21KATF04MPN6	21KATF04MPN8
	6 mm	14		69	17		16			blank	21KATF06MPX0	21KATF06MPX3	21KATF06MPX6	21KATF06MPX8
	6 mm	14		69	17		16			nickel plated	21KATF06MPN0	21KATF06MPN3	21KATF06MPN6	21KATF06MPN8
	8 mm	14		69	17		16			blank	21KATF08MPX0	21KATF08MPX3	21KATF08MPX6	21KATF08MPX8
	8 mm	14		69	17		16			nickel plated	21KATF08MPN0	21KATF08MPN3	21KATF08MPN6	21KATF08MPN8
 with Plastic Hose Connection	4 x 6 mm	14		51	7	6	16		M10x1	blank	21KAKO06MPX0	21KAKO06MPX3	21KAKO06MPX6	21KAKO06MPX8
	4 x 6 mm	14		51	7	6	16		M10x1	nickel plated	21KAKO06MPN0	21KAKO06MPN3	21KAKO06MPN6	21KAKO06MPN8
	6 x 8 mm	14		51	7	6	16		M12x1	blank	21KAKO08MPX0	21KAKO08MPX3	21KAKO08MPX6	21KAKO08MPX8
	6 x 8 mm	14		51	7	6	16		M12x1	nickel plated	21KAKO08MPN0	21KAKO08MPN3	21KAKO08MPN6	21KAKO08MPN8
 Panel Mount with Hose Barb	4 mm	14	14	69	14	17	16	4	M10x1	blank	21KATS04MPX0	21KATS04MPX3	21KATS04MPX6	21KATS04MPX8
	4 mm	14	14	69	14	17	16	4	M10x1	nickel plated	21KATS04MPN0	21KATS04MPN3	21KATS04MPN6	21KATS04MPN8
	6 mm	14	17	69	14	17	16	4	M12x1	blank	21KATS06MPX0	21KATS06MPX3	21KATS06MPX6	21KATS06MPX8
	6 mm	14	17	69	14	17	16	4	M12x1	nickel plated	21KATS06MPN0	21KATS06MPN3	21KATS06MPN6	21KATS06MPN8
	8 mm	14	17	69	14	17	16	4	M12x1	blank	21KATS08MPX0	21KATS08MPX3	21KATS08MPX6	21KATS08MPX8

Plugs – without valve **Series 21KA**

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	● Part Number	▲ Part Number	⬠ Part Number	● Part Number
 <p>Male Thread</p>	G 1/8	17		39,5	7					blank	21SFAW10MXX0	21SFAW10MXX3	21SFAW10MXX6	21SFAW10MXX8
	G 1/8	17		39,5	7					nickel plated	21SFAW10MXN0	21SFAW10MXN3	21SFAW10MXN6	21SFAW10MXN8
	G 1/4	17		41,5	9					blank	21SFAW13MXX0	21SFAW13MXX3	21SFAW13MXX6	21SFAW13MXX8
	G 1/4	17		41,5	9					nickel plated	21SFAW13MXN0	21SFAW13MXN3	21SFAW13MXN6	21SFAW13MXN8
 <p>Female Thread</p>	G 1/8	17		38,5	5					blank	21SFIW10MXX0	21SFIW10MXX3	21SFIW10MXX6	21SFIW10MXX8
	G 1/8	17		38,5	5					nickel plated	21SFIW10MXN0	21SFIW10MXN3	21SFIW10MXN6	21SFIW10MXN8
	G 1/4	17		39	7					blank	21SFIW13MXX0	21SFIW13MXX3	21SFIW13MXX6	21SFIW13MXX8
	G 1/4	17		39	7					nickel plated	21SFIW13MXN0	21SFIW13MXN3	21SFIW13MXN6	21SFIW13MXN8
 <p>Hose Barb</p>	4 mm			47	17		15			blank	21SFTF04MXX0	21SFTF04MXX3	21SFTF04MXX6	21SFTF04MXX8
	4 mm			47	17		15			nickel plated	21SFTF04MXN0	21SFTF04MXN3	21SFTF04MXN6	21SFTF04MXN8
	6 mm			47	17		15			blank	21SFTF06MXX0	21SFTF06MXX3	21SFTF06MXX6	21SFTF06MXX8
	6 mm			47	17		15			nickel plated	21SFTF06MXN0	21SFTF06MXN3	21SFTF06MXN6	21SFTF06MXN8
 <p>with Plastic Hose Connection</p>	4 x 6 mm			43	7	6	15		M10x1	blank	21SFKO06MXX0	21SFKO06MXX3	21SFKO06MXX6	21SFKO06MXX8
	4 x 6 mm			43	7	6	15		M10x1	nickel plated	21SFKO06MXN0	21SFKO06MXN3	21SFKO06MXN6	21SFKO06MXN8
	6 x 8 mm			43,5	7	6	15		M12x1	blank	21SFKO08MXX0	21SFKO08MXX3	21SFKO08MXX6	21SFKO08MXX8
	6 x 8 mm			43,5	7	6	15		M12x1	nickel plated	21SFKO08MXN0	21SFKO08MXN3	21SFKO08MXN6	21SFKO08MXN8
 <p>Panel Mount with Hose Barb</p>	4 mm	17	14	63	17	14		4	M10x1	blank	21SFTS04MXX0	21SFTS04MXX3	21SFTS04MXX6	21SFTS04MXX8
	4 mm	17	14	63	17	14		4	M10x1	nickel plated	21SFTS04MXN0	21SFTS04MXN3	21SFTS04MXN6	21SFTS04MXN8
	6 mm	17	17	63	17	14		4	M12x1	blank	21SFTS06MXX0	21SFTS06MXX3	21SFTS06MXX6	21SFTS06MXX8
	6 mm	17	17	63	17	14		4	M12x1	nickel plated	21SFTS06MXN0	21SFTS06MXN3	21SFTS06MXN6	21SFTS06MXN8

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**Other designs in series 25**

The following other designs can be found from page:

▶ Brass / Steel	P. 98
▶ Stainless Steel	P. 208
▶ Safety	P. 274
▶ Safety Self-Venting	P. 294

Technical Description

Coded industrial coupling system developed on the basis of series 25. Coupling system with single-hand operation. UltraFlo valve for optimum flow and low pressure drop. The mechanical coding of the coupling and plug offers a guarantee for avoiding mix-ups between media when coupling, which is complemented by the color coding of the anodised sleeves. Double shut-off and straight-through couplings are available upon request. Cannot be interconnected with the Rectus standard 25 series.

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

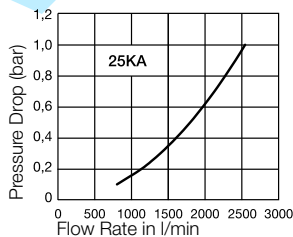
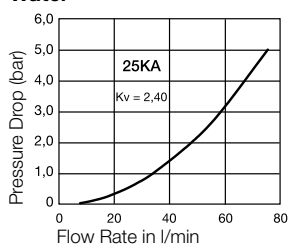
** maximum static working pressure with safety factor 4 to 1.

Material

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

Interchangeability

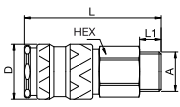
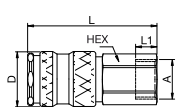
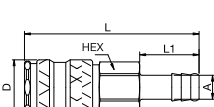
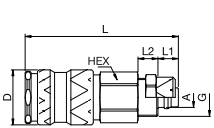
• Rectus Design

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



Couplings – with valve





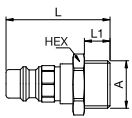
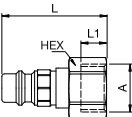
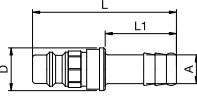
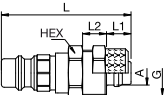
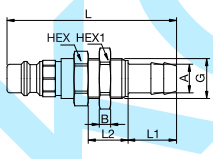
Series 25KA

Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version				
										Part Number	Part Number	Part Number	Part Number
 Male Thread	G 1/4	19		57,5	12				blank	25KAAW13BPX0	25KAAW13BPX3	25KAAW13BPX6	25KAAW13BPX8
	G 1/4	19		57,5	12				nickel plated	25KAAW13BPN0	25KAAW13BPN3	25KAAW13BPN6	25KAAW13BPN8
	G 3/8	19		57,5	12				blank	25KAAW17BPX0	25KAAW17BPX3	25KAAW17BPX6	25KAAW17BPX8
	G 3/8	19		57,5	12				nickel plated	25KAAW17BPN0	25KAAW17BPN3	25KAAW17BPN6	25KAAW17BPN8
	G 1/2	22		61	17				blank	25KAAW21BPX0	25KAAW21BPX3	25KAAW21BPX6	25KAAW21BPX8
	G 1/2	22		61	17				nickel plated	25KAAW21BPN0	25KAAW21BPN3	25KAAW21BPN6	25KAAW21BPN8
 Female Thread	G 1/4	19		55	10				blank	25KAIW13BPX0	25KAIW13BPX3	25KAIW13BPX6	25KAIW13BPX8
	G 1/4	19		55	10				nickel plated	25KAIW13BPN0	25KAIW13BPN3	25KAIW13BPN6	25KAIW13BPN8
	G 3/8	19		55	9				blank	25KAIW17BPX0	25KAIW17BPX3	25KAIW17BPX6	25KAIW17BPX8
	G 3/8	19		55	9				nickel plated	25KAIW17BPN0	25KAIW17BPN3	25KAIW17BPN6	25KAIW17BPN8
	G 1/2	24		58	12				blank	25KAIW21BPX0	25KAIW21BPX3	25KAIW21BPX6	25KAIW21BPX8
	G 1/2	24		58	12				nickel plated	25KAIW21BPN0	25KAIW21BPN3	25KAIW21BPN6	25KAIW21BPN8
 Hose Barb	6 mm	19		74	25				blank	25KATF06BPX0	25KATF06BPX3	25KATF06BPX6	25KATF06BPX8
	6 mm	19		74	25				nickel plated	25KATF06BPN0	25KATF06BPN3	25KATF06BPN6	25KATF06BPN8
	9 mm	19		74	25				blank	25KATF09BPX0	25KATF09BPX3	25KATF09BPX6	25KATF09BPX8
	9 mm	19		74	25				nickel plated	25KATF09BPN0	25KATF09BPN3	25KATF09BPN6	25KATF09BPN8
	13 mm	19		74	25				blank	25KATF13BPX0	25KATF13BPX3	25KATF13BPX6	25KATF13BPX8
	13 mm	19		74	25				nickel plated	25KATF13BPN0	25KATF13BPN3	25KATF13BPN6	25KATF13BPN8
 with Plastic Hose Connection	6 x 8 mm	19		61	7	6		M12x1	blank	25KAKO08BPX0	25KAKO08BPX3	25KAKO08BPX6	25KAKO08BPX8
	6 x 8 mm	19		61	7	6		M12x1	nickel plated	25KAKO08BPN0	25KAKO08BPN3	25KAKO08BPN6	25KAKO08BPN8
	8 x 10 mm	19		65	9	8		M16x1	blank	25KAKO10BPX0	25KAKO10BPX3	25KAKO10BPX6	25KAKO10BPX8
	8 x 10 mm	19		65	9	8		M16x1	nickel plated	25KAKO10BPN0	25KAKO10BPN3	25KAKO10BPN6	25KAKO10BPN8



Plugs – without valve

Series 26SF

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	G mm	Version	 Part Number	 Part Number	 Part Number	 Part Number
 <p>Male Thread</p>	G 1/4	17		36,5	9					blank	26SFAW13MXX0	26SFAW13MXX3	26SFAW13MXX6	26SFAW13MXX8
	G 1/4	17		36,5	9					nickel plated	26SFAW13MXN0	26SFAW13MXN3	26SFAW13MXN6	26SFAW13MXN8
	G 3/8	19		41,5	12					blank	26SFAW17MXX0	26SFAW17MXX3	26SFAW17MXX6	26SFAW17MXX8
	G 3/8	19		41,5	12					nickel plated	26SFAW17MXN0	26SFAW17MXN3	26SFAW17MXN6	26SFAW17MXN8
 <p>Female Thread</p>	G 1/4	17		36,5	8					blank	26SFIW13MXX0	26SFIW13MXX3	26SFIW13MXX6	26SFIW13MXX8
	G 1/4	17		36,5	8					nickel plated	26SFIW13MXN0	26SFIW13MXN3	26SFIW13MXN6	26SFIW13MXN8
	G 3/8	19		36,5	8					blank	26SFIW17MXX0	26SFIW17MXX3	26SFIW17MXX6	26SFIW17MXX8
	G 3/8	19		36,5	8					nickel plated	26SFIW17MXN0	26SFIW17MXN3	26SFIW17MXN6	26SFIW17MXN8
 <p>Hose Barb</p>	6 mm			50,5	25		15			blank	26SFTF06MXX0	26SFTF06MXX3	26SFTF06MXX6	26SFTF06MXX8
	6 mm			50,5	25		15			nickel plated	26SFTF06MXN0	26SFTF06MXN3	26SFTF06MXN6	26SFTF06MXN8
	9 mm			50,5	25		15			blank	26SFTF09MXX0	26SFTF09MXX3	26SFTF09MXX6	26SFTF09MXX8
	9 mm			50,5	25		15			nickel plated	26SFTF09MXN0	26SFTF09MXN3	26SFTF09MXN6	26SFTF09MXN8
	13 mm			50,5	25		15			blank	26SFTF13MXX0	26SFTF13MXX3	26SFTF13MXX6	26SFTF13MXX8
	13 mm			50,5	25		15			nickel plated	26SFTF13MXN0	26SFTF13MXN3	26SFTF13MXN6	26SFTF13MXN8
 <p>with Plastic Hose Connection</p>	6 x 8 mm			43,5	7	6	15		M12x1	blank	26SFKO08MXX0	26SFKO08MXX3	26SFKO08MXX6	26SFKO08MXX8
	6 x 8 mm			43,5	7	6	15		M12x1	nickel plated	26SFKO08MXN0	26SFKO08MXN3	26SFKO08MXN6	26SFKO08MXN8
	8 x 10 mm	17		43,5	8,5	8,5			M16x1	blank	26SFKO10MXX0	26SFKO10MXX3	26SFKO10MXX6	26SFKO10MXX8
	8 x 10 mm	17		43,5	8,5	8,5			M16x1	nickel plated	26SFKO10MXN0	26SFKO10MXN3	26SFKO10MXN6	26SFKO10MXN8
 <p>Panel Mount with Hose Barb</p>	6 mm	17	17	60	17	14		4	M12x1	blank	26SFTS06MXX0	26SFTS06MXX3	26SFTS06MXX6	26SFTS06MXX8
	6 mm	17	17	60	17	14		4	M12x1	nickel plated	26SFTS06MXN0	26SFTS06MXN3	26SFTS06MXN6	26SFTS06MXN8

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Nominal Diameter

7,4 = 42 mm²

Rectus Series

65-67**Technical Description**

Quick connect coupling system with coding developed specifically for use with fuel gas and oxygen on pressure regulators / welding torches etc. Our „RectuKey“ coding system prevents mixing up media. Up to three different media can be safely (non-interchangeable) connected with the standard version.

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**

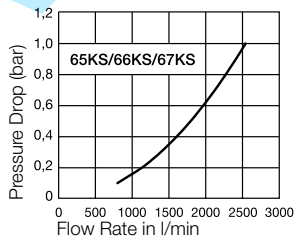
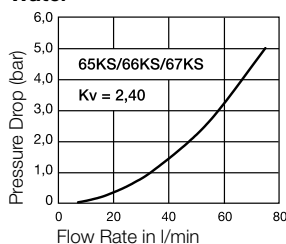
** maximum static working pressure with safety factor 4 to 1.

Material

Coupling: Brass ungreased

Plug: Brass ungreased

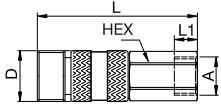
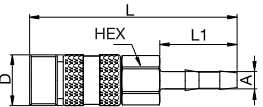
Seals: FKM or EPDM

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



Couplings – with valve

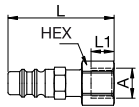
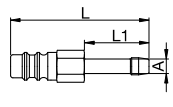
Series 65-67KS

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	Seal	Version	Part Number
 <p>Female Thread</p>	G 1/4 right	19		69,5	10		22		FKM	Oxygen	65KSIW13MVX
	G 3/8 right	19		69,5	9		22		FKM	Oxygen	65KSIW17MVX
	G 1/4 left	19		69,5	10		22		EPDM	Fuel gas	66KSIL13MEX
	G 3/8 left	19		69,5	10		22		EPDM	Fuel gas	66KSIL17MEX
	G 1/4 left	19		69,5	10		22		FKM	Var. Media	67KSIL13MVX
	G 3/8 left	19		69,5	10		22		FKM	Var. Media	67KSIL17MVX
 <p>Hose Barb</p>	6 mm	19		90	33		22		FKM	Oxygen	65KSTF06MVX
	9 mm	19		90	33		22		FKM	Oxygen	65KSTF09MVX
	6 mm	19		90	33		22		EPDM	Fuel gas	66KSTF06MEX
	9 mm	19		90	33		22		EPDM	Fuel gas	66KSTF09MEX
	6 mm	19		90	33		22		FKM	Var. Media	67KSTF06MVX
	9 mm	19		90	33		22		FKM	Var. Media	67KSTF09MVX



Plugs – without valve

Series 65-67KS

	Connection A	HEX mm	HEX1 mm	L mm	L1 mm	L2 mm	D mm	B mm	Seal	Version	Part Number
 <p>Female Thread</p>	G 1/4 right	17		46	10					Oxygen	65SSIW13MXX
	G 3/8 right	19		46	10					Oxygen	65SSIW17MXX
	G 1/4 left	17		46	10					Fuel gas	66SSIL13MXX
	G 3/8 left	19		46	10					Fuel gas	66SSIL17MXX
	G 1/4 left	17		46	10					Var. Media	67SSIL13MXX
	G 3/8 left	19		46	10					Var. Media	67SSIL17MXX
 <p>Hose Barb</p>	6 mm			60	28					Oxygen	65SSTF06MXX
	9 mm			60	28					Oxygen	65SSTF09MXX
	6 mm			60	28					Fuel gas	66SSTF06MXX
	9 mm			60	28					Fuel gas	66SSTF09MXX
	6 mm			60	28					Var. Media	67SSTF06MXX
	9 mm			60	28					Var. Media	67SSTF09MXX