



Nominal Diameter

6/9/13

Rectus Series

10/11/12

**Technical Description**

The 10, 11 and 12 Rectus Moldtite coupling series were especially developed for connecting coolant lines and injection moulds. These stand out for their convenient, single-handed operation and a reliable O-ring seal. Widely used in Europe.

Advantages

Available in single shut-off, double shut-off or straight-through versions also available with Safe-Lock-technology. The straight-through couplings are equipped with nickel plated sleeves for quick and accurate visual differentiation. The angular connections prevent kinks from forming in the hose.

Working Temperature*

-15°C up to +200°C (FKM)
depending on the medium.

* For temperatures below -15°C and over +200°C and depending on the medium, other seal variants are available.

On request, series 10/11 are also available with a special FFKM high-temperature seal for applications up to constant temperature 200°C.

**Working Pressure****

15 bar
** maximum static working pressure with design factor 4 to 1.



15 bar



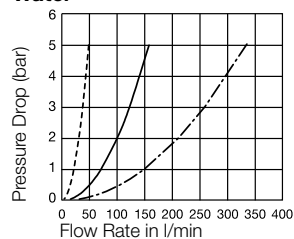
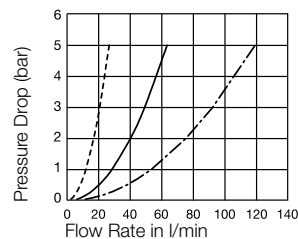
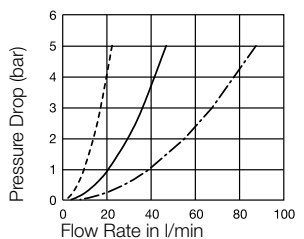
15 bar

Material

Coupling: Brass
Plug: Brass, Stainless Steel
Seals: FKM

Coupling: Brass
Plug: Brass, Stainless Steel
Seals: FKM

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Plug: Brass
Seals: FKM

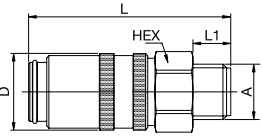
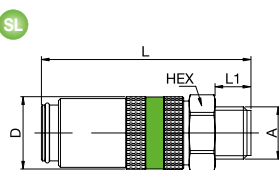
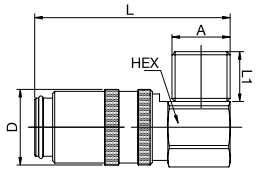
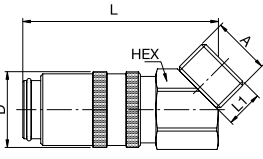
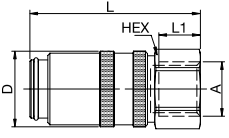
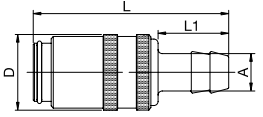
Flow diagrams**Water****Water****Water**

----- Series 10
———— Series 11
- · - · - Series 12

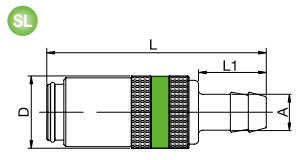
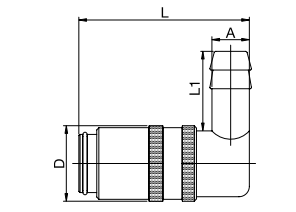
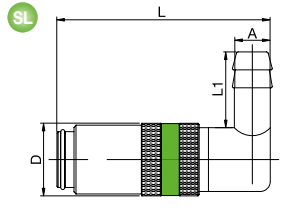
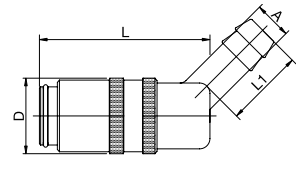
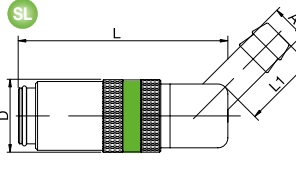
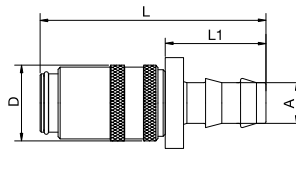


Couplings – without valve

Series 10/11/12

	DN	Series	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Male Thread</p>	6	10	M 14 x 1,5	17	48	9	18	10KFAW14MVX
	6	10	G 1/4	17	48	9	18	10KFAW13MVX
	6	10	G 3/8	19	48	9	18	10KFAW17MVX
	9	11	G 1/4	22	51,5	9	23	11KFAW13MVX
	9	11	M 16 x 1,5	22	51,5	9	23	11KFAW16MVX
	9	11	G 3/8	22	51,5	9	23	11KFAW17MVX
	9	11	G 1/2	22	51,5	12	23	11KFAW21MVX
	13	12	G 1/2	30	74	12	32	12KFAW21MVX
	13	12	M 24 X1,5	30	78	16	32	12KFAW24MVX
	13	12	G 3/4	30	78	16	32	12KFAW26MVX
 <p>Male Thread</p>	6	10	G 1/4	17	52,5	9	18	10KFAW13MVXSL
	6	10	M 14 x 1,5	17	52,5	9	18	10KFAW14MVXSL
	6	10	G 3/8	19	52,5	9	18	10KFAW17MVXSL
	9	11	G 1/4	22	62	9	24	11KFAW13MVXSL
	9	11	M 16 x 1,5	22	62	9	24	11KFAW16MVXSL
	9	11	G 3/8	22	62	9	24	11KFAW17MVXSL
	9	11	G 1/2	22	65	12	24	11KFAW21MVXSL
 <p>Male Thread 90°</p>	6	10	G 1/4	17	47	12	18	10KFAR13MVX
	6	10	M 14 x 1,5	17	47	12	18	10KFAR14MVX
	9	11	M 16 x 1,5	22	53,5	12	23	11KFAR16MVX
	13	12	M 24 x 1,5	30	80	18	32	12KFAR24MVX
 <p>Male Thread 45°</p>	6	10	G 1/4	17	47	9	18	10KFAH13MVX
	6	10	M 14 x 1,5	17	47	9	18	10KFAH14MVX
	9	11	M 16 x 1,5	22	53,5	9	23	11KFAH16MVX
	13	12	M 24 x 1,5	30	80	18	32	12KFAH24MVX
 <p>Female Thread</p>	6	10	G 1/4	17	41	10	18	10KFIW13MVX
	6	10	G 3/8	19	45	10	18	10KFIW17MVX
	9	11	G 1/4	21	46,5	10	23	11KFIW13MVX
	9	11	M 16 x 1,5	21	46,5	10	23	11KFIW16MVX
	9	11	G 3/8	21	46,5	10	23	11KFIW17MVX
 <p>Hose Barb</p>	6	10	9 mm		52	22	18	10KFTF09MVX
	9	11	13 mm		61,5	25	23	11KFTF13MVX
	13	12	19 mm		90	32	32	12KFTF19MVX

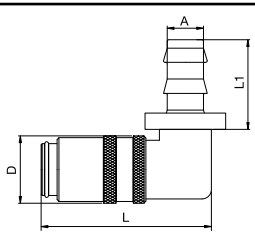
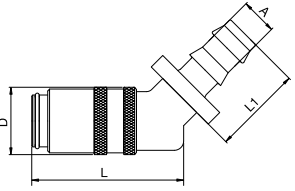
→← **Couplings – without valve** **Series 10/11/12**

	DN	Series	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Hose Barb</p>	6	10	9 mm		60	22	18	10KFTF09MVXSL
	9	11	13 mm		71	25	24	11KFTF13MVXSL
 <p>Hose Barb 90°</p>	6	10	9 mm		41	22	18	10KFTR09MVX
	9	11	13 mm		51	28,5	23	11KFTR13MVX
	13	12	19 mm		78	32	32	12KFTR19MVX
 <p>Hose Barb 90°</p>	6	10	9 mm		53,5	22	18	10KFTR09MVXSL
	9	11	13 mm		63,5	28,5	24	11KFTR13MVXSL
 <p>Hose Barb 45°</p>	6	10	9 mm		52	22	18	10KFTH09MVX
	9	11	13 mm		51	25	23	11KFTH13MVX
	13	12	19 mm		78	30	32	12KFTH19MVX
 <p>Hose Barb 45°</p>	6	10	9 mm		60	22	18	10KFTH09MVXSL
	9	11	13 mm		60,5	25	24	11KFTH13MVXSL
 <p>Push-Lok</p>	6	10	6 mm		50,5	20,4	18	10KFTP06MVX
	6	10	10 mm		54	24,2	18	10KFTP10MVX
	9	11	10 mm		61	24,2	23	11KFTP10MVX
	9	11	13 mm		64,5	27,9	23	11KFTP13MVX



Couplings – without valve

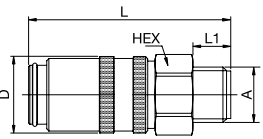
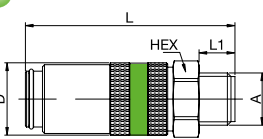
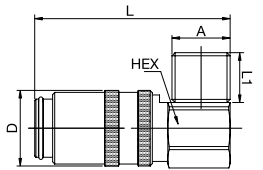
Series 10/11/12

	DN	Series	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Push-Lok 90°</p>	6	10	6 mm		46	20,4	18	10KFPR06MVX
	6	10	10 mm		46	24,2	18	10KFPR10MVX
	9	11	10 mm		56,5	24,2	23	11KFPR10MVX
	9	11	13 mm		56,5	27,9	23	11KFPR13MVX
 <p>Push-Lok 45°</p>	6	10	6 mm		41	20,4	18	10KFPH06MVX
	6	10	10 mm		41	24,2	18	10KFPH10MVX
	9	11	10 mm		51	24,2	23	11KFPH10MVX
	9	11	13 mm		51	27,9	23	11KFPH13MVX

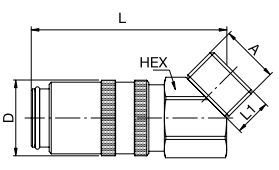
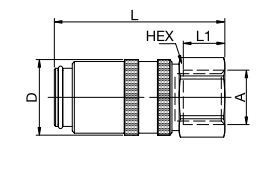
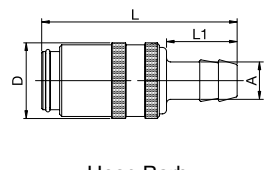
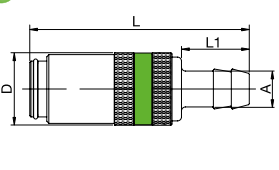
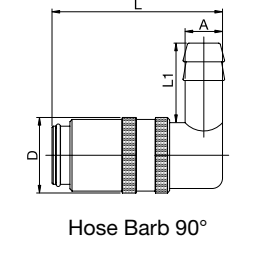
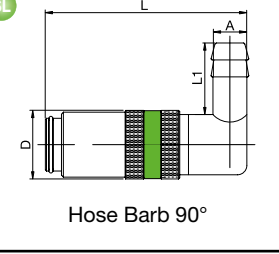


Couplings – with valve

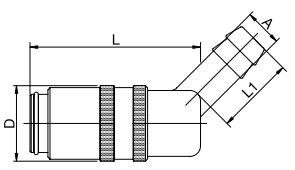
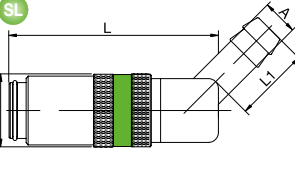
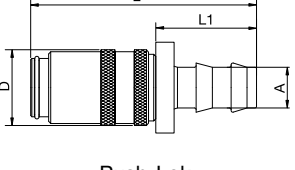
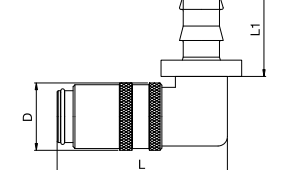
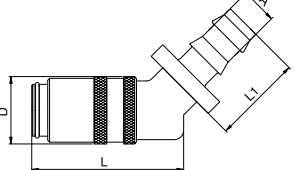
Series 10/11/12

	DN	Series	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Male Thread</p>	6	10	M 14 x 1,5	17	48	9	18	10KBAM14MVX
	6	10	G 1/4	17	48	9	18	10KBAW13MVX
	6	10	G 3/8	19	48	9	18	10KBAW17MVX
	9	11	G 1/4	22	51,5	9	23	11KBAW13MVX
	9	11	M 16 x 1,5	22	51,5	9	23	11KBAM16MVX
	9	11	G 3/8	22	51,5	9	23	11KBAW17MVX
	9	11	G 1/2	22	51,5	12	23	11KBAW21MVX
	13	12	G 1/2	30	74	12	32	12KBAW21MVX
	13	12	M 24 x 1,5	30	78	16	32	12KBAM24MVX
 <p>Male Thread</p>	6	10	G 1/4	17	52,5	9	18	10KBAW13MVXSL
	6	10	M 14 x 1,5	17	52,5	9	18	10KBAM14MVXSL
	6	10	G 3/8	19	52,5	9	18	10KBAW17MVXSL
	9	11	G 1/4	22	62	9	24	11KBAW13MVXSL
	9	11	M 16 x 1,5	22	62	9	24	11KBAM16MVXSL
	9	11	G 3/8	22	62	9	24	11KBAW17MVXSL
 <p>Male Thread 90°</p>	9	11	G 1/2	22	65	12	24	11KBAW21MVXSL
	6	10	G 1/4	17	47	12	18	10KBAR13MVX
	6	10	M 14 x 1,5	17	47	12	18	10KBAR14MVX
	9	11	M 16 x 1,5	22	53,5	12	23	11KBAR16MVX
	13	12	M 24 x 1,5	30	80	18	32	12KBAR24MVX

Couplings – with valve **Series 10/11/12**

	DN	Series	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Male Thread 45°</p>	6	10	G 1/4	17	47	9	18	10KBAH13MVX
	6	10	M 14 x 1,5	17	47	9	18	10KBAH14MVX
	9	11	M 16 x 1,5	22	53,5	9	23	11KBAH16MVX
	13	12	M 24 x 1,5	30	80	18	32	12KBAH24MVX
 <p>Female Thread</p>	6	10	G 1/4	17	41	10	18	10KBIW13MVX
	6	10	G 3/8	19	45	10	18	10KBIW17MVX
	9	11	G 1/4	21	46,5	10	23	11KBIW13MVX
	9	11	M 16 x 1,5	21	46,5	10	23	11KBIM16MVX
	9	11	G 3/8	21	46,5	10	23	11KBIW17MVX
 <p>Hose Barb</p>	6	10	9 mm		52	22	18	10KBTF09MVX
	9	11	13 mm		61,5	25	23	11KBTF13MVX
	13	12	19 mm		90	32	32	12KBTF19MVX
 <p>Hose Barb</p>	6	10	9 mm		60	22	18	10KBTF09MVXSL
	9	11	13 mm		71	25	24	11KBTF13MVXSL
 <p>Hose Barb 90°</p>	6	10	9 mm		41	22	18	10KBTR09MVX
	9	11	13 mm		51	28,5	23	11KBTR13MVX
	13	12	19 mm		78	32	32	12KBTR19MVX
 <p>Hose Barb 90°</p>	6	10	9 mm		53,5	22	18	10KBTR09MVXSL
	9	11	13 mm		63,5	28,5	24	11KBTR13MVXSL



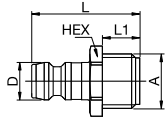
	DN	Series	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Hose Barb 45°</p>	6	10	9 mm		52	22	18	10KBTH09MVX
	9	11	13 mm		51	25	23	11KBTH13MVX
	13	12	19 mm		78	30	32	12KBTH19MVX
 <p>Hose Barb 45°</p>	6	10	9 mm		60	22	18	10KBTH09MVXSL
	9	11	13 mm		60,5	25	24	11KBTH13MVXSL
 <p>Push-Lok</p>	6	10	6 mm		50,5	20,4	18	10KBTP06MVX
	6	10	10 mm		54	24,2	18	10KBTP10MVX
	9	11	10 mm		61	24,2	23	11KBTP10MVX
	9	11	13 mm		64,5	27,9	23	11KBTP13MVX
 <p>Push-Lok 90°</p>	6	10	6 mm		46	20,4	18	10KBPR06MVX
	6	10	10 mm		46	24,2	18	10KBPR10MVX
	9	11	10 mm		56,5	24,2	23	11KBPR10MVX
	9	11	13 mm		56,5	27,9	23	11KBPR13MVX
 <p>Push-Lok 45°</p>	6	10	6 mm		41	20,4	18	10KBPH06MVX
	6	10	10 mm		41	24,2	18	10KBPH10MVX
	9	11	10 mm		51	24,2	23	11KBPH10MVX
	9	11	13 mm		51	27,9	23	11KBPH13MVX



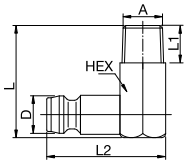
Plug – without valve

Series 10/11/12

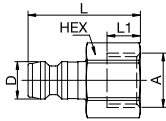
DN	Series	Connection A	HEX mm	L mm	L1 mm	L2 mm	D mm	Version	Part Number
6	10	M 8 x 0,75	11	24	7		9	Brass	10SFAM08MXX
6	10	M 8 x 0,75	11	24	7		9	AISI 303	10SFAM08RXX
6	10	M 10 x 1	11	24	7		9	Brass	10SFAM10MXX
6	10	M 10 x 1	11	24	7		9	AISI 303	10SFAM10RXX
6	10	G 1/8	11	24	7		9	nickel plated	10SFAW10MXN
6	10	G 1/8	11	24	7		9	AISI 303	10SFAW10RXX
6	10	M 12 x 1,5	14	27	10		9	Brass	10SFAM12MXX
6	10	G 1/4	15	26	9		9	nickel plated	10SFAW13MXN
6	10	G 1/4	15	26	9		9	AISI 303	10SFAW13RXX
6	10	M 14 x 1,5	15	26	9		9	Brass	10SFAM14MXX
6	10	G 3/8	17	30	10		9	nickel plated	10SFAW17MXN
9	11	G 1/8	14	25	8		13,5	nickel plated	11SFAW10MXN
9	11	G 1/4	15	26	9		13,5	nickel plated	11SFAW13MXN
9	11	G 1/4	15	26	9		13,5	AISI 303	11SFAW13RXX
9	11	M 14 x 1,5	15	26	9		13,5	Brass	11SFAM14MXX
9	11	M 16 x 1,5	17	26	9		13,5	Brass	11SFAM16MXX
9	11	G 3/8	17	26	9		13,5	nickel plated	11SFAW17MXN
9	11	G 3/8	17	26	9		13,5	AISI 303	11SFAW17RXX
13	12	G 1/2	22	47	12		19	nickel plated	12SFAW21MXN
13	12	G 3/4	27	51	16		19	nickel plated	12SFAW26MXN
6	10	M 10 x 1	11	27	9	28,5	9	Brass	10SFAR10MXX
6	10	R 1/8	11	27	9	28,5	9	nickel plated	10SFAR10MXN
6	10	R 1/4	11	27	9	28,5	9	nickel plated	10SFAR13MXN
9	11	R 1/4	15	34	11	32	13,5	nickel plated	11SFAR13MXN
9	11	R 3/8	15	34	11	32	13,5	nickel plated	11SFAR17MXN
6	10	G 1/8	11	24	7		9	nickel plated	10SFIW10MXN
6	10	G 1/4	16	27	8		9	nickel plated	10SFIW13MXN
9	11	G 1/4	16	33	8		13,5	nickel plated	11SFIW13MXN
6	10	9 mm		38	22		9	Brass	10SFTF09MXX
9	11	9 mm		41	25		13,5	Brass	11SFTF09MXX
9	11	13 mm		41	25		13,5	Brass	11SFTF13MXX
13	12	19 mm		61	32		19	Brass	12SFTF19MXX



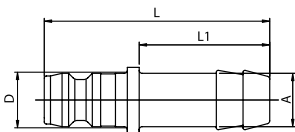
Male Thread



Male Thread 90° tapered



Female Thread

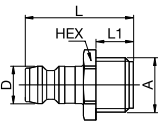


Hose Barb



Plug – with valve

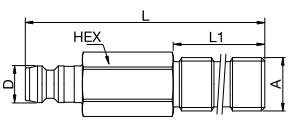
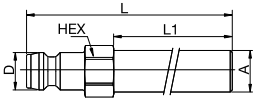
Series 10/11/12

	DN	Series	Connection A	HEX mm	L mm	L1 mm	L2 mm	D mm	Version	Part Number
 <p>Male Thread</p>	6	10	G 1/4	15	29	12		9	nickel plated	10SBAW13MVN
	6	10	M 14 x 1,5	15	29	12		9	Brass	10SBAM14MVX
	9	11	G 1/4	15	31	12		13,5	nickel plated	11SBAW13MVN
	9	11	M 16 x 1,5	17	30	12		13,5	Brass	11SBAM16MVX
	9	11	G 3/8	17	30	12		13,5	nickel plated	11SBAW17MVN
	13	12	M 24 x 1,5	27	51	16		19	Brass	12SBAM24MVX
	13	12	G 3/4	27	51	16		19	nickel plated	12SBAW26MVN



Extension Plugs – without valve

Series 10/11/12

	DN	Series	Connection A	HEX mm	L mm	L1 mm	D mm	Version	Part Number
 <p>continuous Male Thread</p>	6	10	G 1/8	11	100	60	9	Brass	10VN1010MXX
	6	10	G 1/4	14	100	60	9	Brass	10VN1310MXX
	9	11	G 1/4	14	100	60	13,5	Brass	11VN1310MXX
	9	11	G 3/8	19	100	60	13,5	Brass	11VN1710MXX
 <p>without Thread</p>	6	10	8 mm	9	63	42	9	Brass	10VNXX063MXX
	6	10	8 mm	9	100	79	9	Brass	10VNXX10MXX
	6	10	10 mm	11	120	100	9	Brass	10VNXX12MXX
	6	10	10 mm	11	240	220	9	Brass	10VNXX24MXX
	6	10	10 mm	11	360	340	9	Brass	10VNXX36MXX
	9	11	14 mm	15	150	125	13,5	Brass	11VNXX15MXX
	9	11	14 mm	15	300	275	13,5	Brass	11VNXX30MXX
	9	11	14 mm	15	450	425	13,5	Brass	11VNXX45MXX