



Nominal Diameter  
**6/9**

Rectus Series with Safety Lock  
**10/11**



**Technical Description**

The 10 and 11 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**

Coupling system with safety locking. Accidental uncoupling is prevented effectively and easily with the automatic safety lock. Available in single shut-off, double shut-off or straight-through versions. 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 with safety lock are also available with a special FFKM high-temperature seal for applications up to constant temperature 200°C.

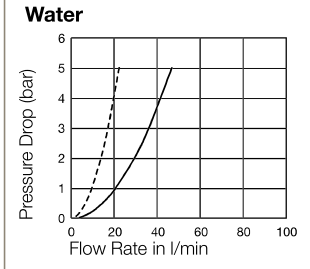
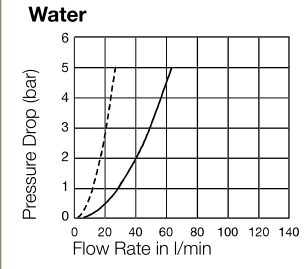
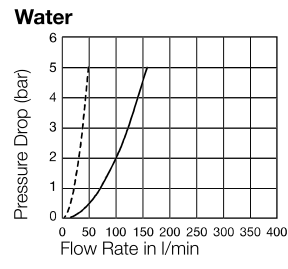
 <b>KF</b> Straight-Through	 <b>KA</b> Single Shut-Off	 <b>KB</b> Double Shut-Off
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<b>Working Pressure**</b>		
15 bar ** maximum static working pressure with design factor 4 to 1.	15 bar	15 bar

<b>Material</b>		
<b>Coupling:</b> Brass <b>Plug:</b> Brass, Stainless Steel <b>Seals:</b> FKM	<b>Coupling:</b> Brass <b>Plug:</b> Brass, Stainless Steel <b>Seals:</b> FKM	<b>Coupling:</b> Brass <b>Plug:</b> Brass <b>Seals:</b> FKM

**Flow diagrams**

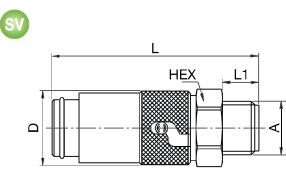
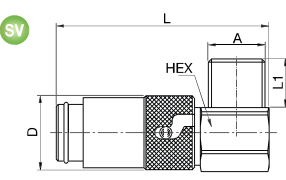
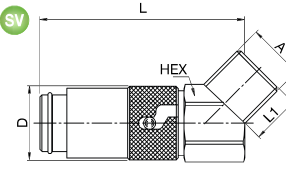
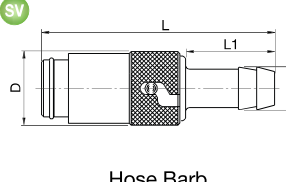
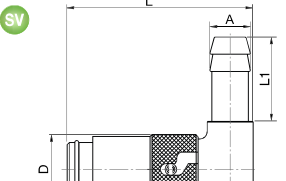
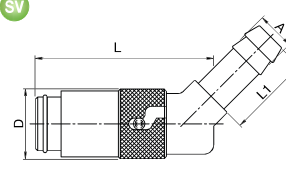
----- Series 10  
———— Series 11





# Couplings – without valve

# Series 10/11

	DN	Series	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
 <p>Male Thread</p>	6	10	G 1/4	17	51	9	18	10KFAW13MVXSV
	6	10	M 14 x 1,5	17	51	9	18	10KFAM14MVXSV
	6	10	G 3/8	19	51	9	18	10KFAW17MVXSV
	9	11	G 1/4	22	59,5	9	23	11KFAW13MVXSV
	9	11	M 16 x 1,5	22	59,5	9	23	11KFAM16MVXSV
	9	11	G 3/8	22	59,5	9	23	11KFAW17MVXSV
 <p>Male Thread 90°</p>	6	10	G 1/4	17	52,5	12	18	10KFAR13MVXSV
	6	10	M 14 x 1,5	17	52,5	12	18	10KFAR14MVXSV
	9	11	M 16 x 1,5	22	61,5	12	23	11KFAR16MVXSV
 <p>Male Thread 45°</p>	6	10	G 1/4	17	52,5	9	18	10KFAH13MVXSV
	6	10	M 14 x 1,5	17	52,5	9	18	10KFAH14MVXSV
	9	11	M 16 x 1,5	22	61,5	9	23	11KFAH16MVXSV
 <p>Hose Barb</p>	6	10	9 mm		57,5	22	18	10KFTF09MVXSV
	9	11	13 mm		68,5	25	23	11KFTF13MVXSV
 <p>Hose Barb 90°</p>	6	10	9 mm		48,5	22	18	10KFTR09MVXSV
	9	11	13 mm		56	28	23	11KFTR13MVXSV
 <p>Hose Barb 45°</p>	6	10	9 mm		46,5	22	18	10KFTH09MVXSV
	9	11	13 mm		56	28	23	11KFTH13MVXSV

⚠ Please consider our security advices on the pages 8/9 ⚠



## Couplings – with valve

Serie 10/11

	DN	Series	Connection A	HEX mm	L mm	L1 mm	D mm	Part Number
<p>Male Thread</p>	6	10	G 1/4	17	51	9	18	10KBAW13MVXSV
	6	10	M 14 x 1,5	17	51	9	18	10KBAM14MVXSV
	6	10	G 3/8	19	51	9	18	10KBAW17MVXSV
	9	11	G 1/4	22	59,5	9	23	11KBAW13MVXSV
	9	11	M 16 x 1,5	22	59,5	9	23	11KBAM16MVXSV
	9	11	G 3/8	22	59,5	9	23	11KBAW17MVXSV
	9	11	G 1/2	22	62,5	12	23	11KBAW21MVXSV
<p>Male Thread 90°</p>	6	10	G 1/4	17	52,5	12	18	10KBAR13MVXSV
	6	10	M 14 x 1,5	17	52,5	12	18	10KBAR14MVXSV
	9	11	M 16 x 1,5	22	61,5	12	23	11KBAR16MVXSV
<p>Male Thread 45°</p>	6	10	G 1/4	17	52,5	9	18	10KBAH13MVXSV
	6	10	M 14 x 1,5	17	52,5	9	18	10KBAH14MVXSV
	9	11	M 16 x 1,5	22	61,5	9	23	11KBAH16MVXSV
<p>Hose Barb</p>	6	10	9 mm		57,5	22	18	10KBTf09MVXSV
	9	11	13 mm		68,5	25	23	11KBTf13MVXSV
<p>Hose Barb 90°</p>	6	10	9 mm		48,5	22	18	10KBTR09MVXSV
	9	11	13 mm		56	28	23	11KBTR13MVXSV
<p>Hose Barb 45°</p>	6	10	9 mm		46,5	22	18	10KBTH09MVXSV
	9	11	13 mm		56	28	23	11KBTH13MVXSV

The right plug can be found under series 10/11/12 from page 24.