



# Nominal Diameter 6/9/13

# RECTUS Series

# 10/11/12



90% of actual size

### 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 Pressure:

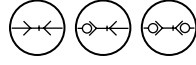
PB = 15 bar, maximum static working pressure with safety factor of 4 to 1.

### Working Temperature\*

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

\*At a temperature below -15°C and above +200°C special seals are available on request.

### Available Valves



### Material

#### Coupling

- Back Body
- Valve Body
- Sleeve
- Sleeve
- Valve
- Locking Balls
- Spring
- Seal

- Brass
- Brass
- Brass (with Valve)
- Brass, Nickel Plated (without Valve)
- Brass
- AISI 420
- AISI 301
- FKM

#### Plug

- Plug Profile
- Back Body
- Valve
- Spring
- Seal

#### Brass

- Brass
- Brass
- Brass
- AISI 301
- FKM

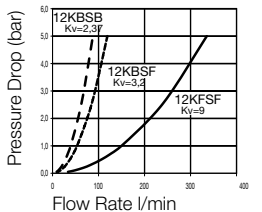
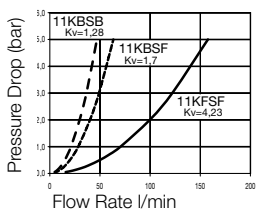
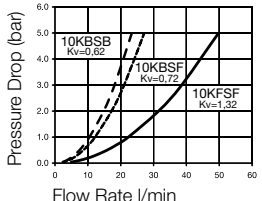
#### Nickel Plated

- Brass, Nickel Plated
- Brass, Nickel Plated
- Brass
- AISI 301
- FKM

#### Stainless Steel

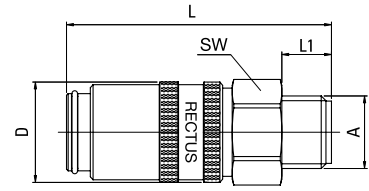
- AISI 303

### Chart



## Couplings

## RECTUS Series 10/11/12



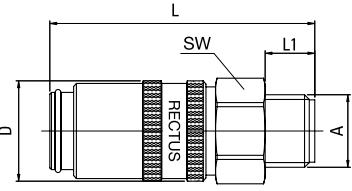
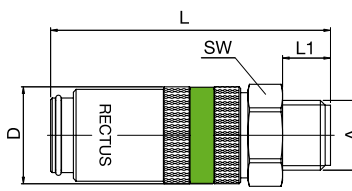
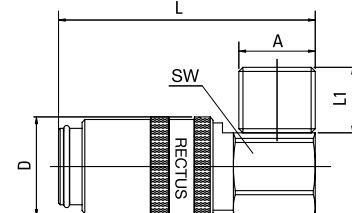
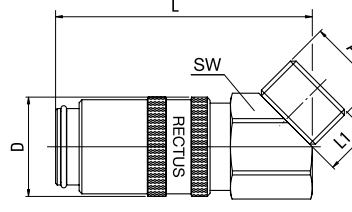
Male Thread

DN	Series	Connec-tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS
6	10	M 14 x 1,5	17	48	18	9				with	10KB AM14 MVX	10	■
										without	10KF AM14 MVX	10	■
		G 1/4	17	48	18	9				with	10KB AW13 MVX	10	■
										without	10KF AW13 MVX	10	■
		G 3/8	19	48	18	9				with	10KB AW17 MVX	10	■
										without	10KF AW17 MVX	10	■

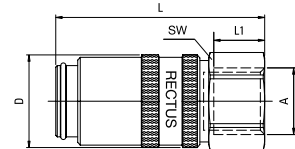
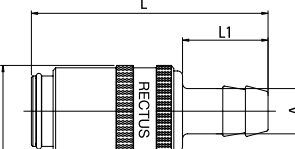
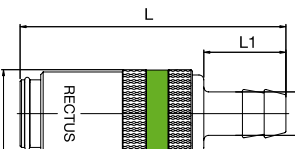
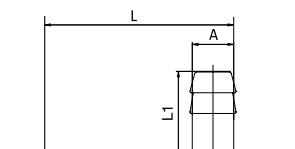
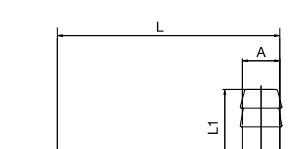
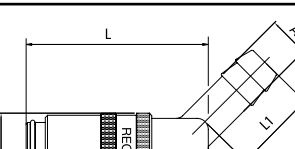
DS = Delivery Status: ■ in stock

■ on short call

■ medium term delivery

	DN	Series	Connec- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS	
 <p>Male Thread</p>	9	11	G 1/4	22	51,5	23	9				with	11KB AW13 MVX	10	<input type="checkbox"/>	
			without	11KF AW13 MVX	10	<input type="checkbox"/>									
		M 16 x 1,5	with	11KB AM16 MVX	10	<input type="checkbox"/>									
			without	11KF AM16 MVX	10	<input type="checkbox"/>									
		G 3/8	with	11KB AW17 MVX	10	<input type="checkbox"/>									
			without	11KF AW17 MVX	10	<input type="checkbox"/>									
	G 1/2	with	11KB AW21 MVX	10	<input type="checkbox"/>										
		without	11KF AW21 MVX	10	<input type="checkbox"/>										
	13	12	G 1/2	with	30	74	32	12				with	12KB AW21 MVX	5	<input type="checkbox"/>
				without	12KF AW21 MVX	5	<input type="checkbox"/>								
M 24 x 1,5		with	12KB AM24 MVX	10	<input type="checkbox"/>										
		without	12KF AM24 MVX	10	<input type="checkbox"/>										
G 3/4		with	12KB AW26 MVX	5	<input type="checkbox"/>										
		without	12KF AW26 MVX	5	<input type="checkbox"/>										
 <p>Male Thread</p>	6	10	G 1/4	17	52,5	18	9				with	10KB AW13 MVXSL	10	<input type="checkbox"/>	
			without	10KF AW13 MVXSL	10	<input type="checkbox"/>									
		M 14 x 1,5	with	10KB AM14 MVXSL	10	<input type="checkbox"/>									
			without	10KF AM14 MVXSL	10	<input type="checkbox"/>									
		G 3/8	with	10KB AW17 MVXSL	10	<input type="checkbox"/>									
			without	10KF AW17 MVXSL	10	<input type="checkbox"/>									
	9	11	G 1/4	with	22	62	24	9				with	11KB AW13 MVXSL	10	<input type="checkbox"/>
				without	11KF AW13 MVXSL	10	<input type="checkbox"/>								
		M 16 x 1,5	with	11KB AM16 MVXSL	10	<input type="checkbox"/>									
			without	11KF AM16 MVXSL	10	<input type="checkbox"/>									
G 3/8	with	11KB AW17 MVXSL	10	<input type="checkbox"/>											
	without	11KF AW17 MVXSL	10	<input type="checkbox"/>											
G 1/2	with	11KB AW21 MVXSL	10	<input type="checkbox"/>											
	without	11KF AW21 MVXSL	10	<input type="checkbox"/>											
 <p>Male Thread 90°</p>	6	10	G 1/4	17	47	18	12				with	10KB AR13 MVX	10	<input type="checkbox"/>	
								without	10KF AR13 MVX	10	<input type="checkbox"/>				
	M 14 x 1,5	with	10KB AR14 MVX	10	<input type="checkbox"/>										
		without	10KF AR14 MVX	10	<input type="checkbox"/>										
	9	11	M 16 x 1,5	with	22	53,5	23	12				with	11KB AR16 MVX	10	<input type="checkbox"/>
				without	11KF AR16 MVX	10	<input type="checkbox"/>								
13	12	M 24 x 1,5	with	30	80	32	18				with	12KB AR24 MVX	10	<input type="checkbox"/>	
			without	12KF AR24 MVX	10	<input type="checkbox"/>									
 <p>Male Thread 45°</p>	6	10	G 1/4	17	47	18	9				with	10KB AH13 MVX	10	<input type="checkbox"/>	
								without	10KF AH13 MVX	10	<input type="checkbox"/>				
	M 14 x 1,5	with	10KB AH14 MVX	10	<input type="checkbox"/>										
		without	10KF AH14 MVX	10	<input type="checkbox"/>										
	9	11	M 16 x 1,5	with	22	53,5	23	9				with	11KB AH16 MVX	10	<input type="checkbox"/>
				without	11KF AH16 MVX	10	<input type="checkbox"/>								
13	12	M 24 x 1,5	with	30	80	32	18				with	12KB AH24 MVX	10	<input type="checkbox"/>	
			without	12KF AH24 MVX	10	<input type="checkbox"/>									

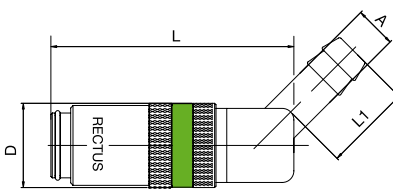
# Couplings RECTUS Series 10/11/12

	DN	Series	Conne- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS	
 <p>Female Thread</p>	6	10	G 1/4	17	41	18	10				with	10KB IW13 MVX	10	■	
			without	10KF IW13 MVX	10	■									
				G 3/8	19	45	18	10				with	10KB IW17 MVX	10	■
				without	10KF IW17 MVX	10	■								
	9	11	G 1/4		21	46,5	23	10				with	11KB IW13 MVX	10	■
				without	11KF IW13 MVX	10	■								
			M 16 x 1,5	21	46,5	23	10				with	11KB IM16 MVX	10	■	
			without	11KF IM16 MVX	10	■									
			G 3/8	21	46,5	23	10				with	11KB IW17 MVX	10	■	
			without	11KF IW17 MVX	10	■									
 <p>Hose Barb</p>	6	10	9 mm		52	18	22				with	10KB TF09 MVX	10	■	
											without	10KF TF09 MVX	10	■	
	9	11	13 mm		61,5	23	25				with	11KB TF13 MVX	10	■	
											without	11KF TF13 MVX	10	■	
											13	12	19 mm		90
											without	12KF TF19 MVX	5	■	
											 <p>Hose Barb</p>	6	10	9 mm	
										without		10KF TF09 MVXSL	10	■	
9	11	13 mm		71	24	25				with		11KB TF13 MVXSL	10	■	
											without	11KF TF13 MVXSL	10	■	
											 <p>Hose Barb 90°</p>	6	10	9 mm	
										without		10KF TR09 MVX	10	■	
9	11	13 mm		51	23	28,5				with		11KB TR13 MVX	10	■	
											without	11KF TR13 MVX	10	■	
											13	12	19 mm		78
											without	12KF TR19 MVX	5	■	
											 <p>Hose Barb 90°</p>	6	10	9 mm	
										without		10KF TR09 MVXSL	10	■	
9	11	13 mm		63,5	24	28,5				with		11KB TR13 MVXSL	10	■	
											without	11KF TR13 MVXSL	10	■	
											 <p>Hose Barb 45°</p>	6	10	9 mm	
										without		10KF TH09 MVX	10	■	
9	11	13 mm		51	23	25				with		11KB TH13 MVX	10	■	
											without	11KF TH13 MVX	10	■	
											13	12	19 mm		78
											without	12KF TH19 MVX	5	■	

DS = Delivery Status:  in stock  on short call  medium term delivery

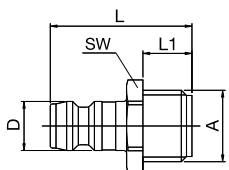
# Couplings

# RECTUS Series 10/11/12

	DN	Series	Conne- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS	
 <p>Hose Barb 45°</p>	6	10	9 mm		60	18	22				with	10KB TH09 MVXSL	10	<input type="checkbox"/>	
											without	10KF TH09 MVXSL	10	<input type="checkbox"/>	
	9	11	13 mm		60,5	24	25				with	11KB TH13 MVXSL	10	<input type="checkbox"/>	
											without	11KF TH13 MVXSL	10	<input type="checkbox"/>	

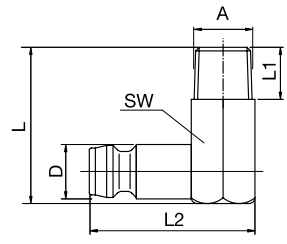
# Plugs

# RECTUS Series 10/11/12

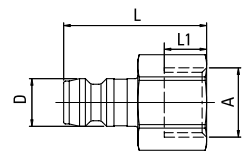
	DN	Series	Conne- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	Version	Valve	Part Number	PU	DS
 <p>Male Thread</p>	6	10	M 8 x 0,75	11	24	9	7		Brass	without	10SF AM08 MXX	25	<input type="checkbox"/>
									AISI 303	without	10SF AM08 RXX	25	<input type="checkbox"/>
			M 10 x 1	11	24	9	7		Brass	without	10SF AM10 MXX	25	<input type="checkbox"/>
									AISI 303	without	10SF AM10 RXX	25	<input type="checkbox"/>
			G 1/8	11	24	9	7		Nickel Pl.	without	10SF AW10 MXN	25	<input type="checkbox"/>
									AISI 303	without	10SF AW10 RXX	25	<input type="checkbox"/>
			M 12 x 1,5	14	27	9	10		Brass	without	10SF AM12 MXX	25	<input type="checkbox"/>
			G 1/4	15	29	9	12		Nickel Pl.	with	10SB AW13 MVN	25	<input type="checkbox"/>
			G 1/4	15	26	9	9		Nickel Pl.	without	10SF AW13 MXN	25	<input type="checkbox"/>
			G 1/4	15	26	9	9		AISI 303	without	10SF AW13 RXX	25	<input type="checkbox"/>
		M 14 x 1,5	15	29	9	12		Brass	with	10SB AM14 MVX	25	<input type="checkbox"/>	
		M 14 x 1,5	15	26	9	9		Brass	without	10SF AM14 MXX	25	<input type="checkbox"/>	
		G 3/8	17	30	9	10		Nickel Pl.	without	10SF AW17 MXN	25	<input type="checkbox"/>	
	9	11	G 1/8	14	25	13,5	8		Nickel Pl.	without	11SF AW10 MXN	25	<input type="checkbox"/>
			G 1/4	15	31	13,5	12		Nickel Pl.	with	11SB AW13 MVN	25	<input type="checkbox"/>
			G 1/4	15	26	13,5	9		Nickel Pl.	without	11SF AW13 MXN	25	<input type="checkbox"/>
			G 1/4	15	26	13,5	9		AISI 303	without	11SF AW13 RXX	25	<input type="checkbox"/>
			M 14 x 1,5	15	26	13,5	9		Brass	without	11SF AM14 MXX	25	<input type="checkbox"/>
			M 16 x 1,5	17	30	13,5	12		Brass	with	11SB AM16 MVX	25	<input type="checkbox"/>
			M 16 x 1,5	17	26	13,5	9		Brass	without	11SF AM16 MXX	25	<input type="checkbox"/>
			G 3/8	17	30	13,5	12		Nickel Pl.	with	11SB AW17 MVN	25	<input type="checkbox"/>
			G 3/8	17	26	13,5	9		Nickel Pl.	without	11SF AW17 MXN	25	<input type="checkbox"/>
			G 3/8	17	26	13,5	9		AISI 303	without	11SF AW17 RXX	25	<input type="checkbox"/>
	13	12	G 1/2	22	47	19	12		Nickel Pl.	without	12SF AW21 MXN	25	<input type="checkbox"/>
			M 24 x 1,5	27	51	19	16		Brass	with	12SB AM24 MVX	25	<input type="checkbox"/>
			M 24 x 1,5	27	51	19	16		Brass	without	12SF AM24 MXX	25	<input type="checkbox"/>
			G 3/4	27	51	19	16		Nickel Pl.	with	12SB AW26 MVN	25	<input type="checkbox"/>
			G 3/4	27	51	19	16		Nickel Pl.	without	12SF AW26 MXN	25	<input type="checkbox"/>

# Plugs RECTUS Series 10/11/12

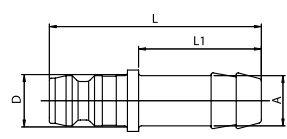
DN	Series	Conne- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	Version	Valve	Part Number	PU	DS
6	10	M 8 x 0,75	11	27	9	9	28,5	Brass	without	10SF AR08 MXX	25	■□
		M 10x1	11	27	9	9	28,5	Brass	without	10SF AR10 MXX	25	■□
		G 1/8	11	27	9	9	28,5	Nickel Pl.	without	10SF AR10 MXN	25	■□
		G 1/4	11	27	9	9	28,5	Nickel Pl.	without	10SF AR13 MXN	25	■□
9	11	G 1/4	15	34	13,5	11	32	Nickel Pl.	without	11SF AR13 MXN	25	■□
		M 14 x 1,5	15	34	13,5	11	32	Brass	without	11SF AR14 MXX	25	■□
		G 3/8	15	34	13,5	11	32	Nickel Pl.	without	11SF AR17 MXN	25	■□
13	12	G 1/2	24	47	19	16	54	Nickel Pl.	without	12SF AR21 MXN	5	■□
		M 24 x 1,5	24	47	19	16	54	Brass	without	12SF AR24 MXX	5	■□
6	10	G 1/8	11	24	9	7		Nickel Pl.	without	10SF IW10 MXN	25	■□
		G 1/4	16	27	9	8		Nickel Pl.	without	10SF IW13 MXN	25	■□
9	11	G 1/4	16	33	13,5	8		Nickel Pl.	without	11SF IW13 MXN	25	■□
6	10	9 mm		38	9	22		Brass	without	10SF TF09 MXX	25	■□
9	11	9 mm		41	13,5	25		Brass	without	11SF TF09 MXX	25	■□
		13 mm		41	13,5	25		Brass	without	11SF TF13 MXX	25	■□
13	12	13 mm		61	19	32		Brass	without	12SF TF13 MXX	5	■□
		19 mm		61	19	32		Brass	without	12SF TF19 MXX	5	■□
6	10	G 1/8	11	100	9	60		Brass	without	10VN 1010 MXX	10	■□
		G 1/4	14	100	9	60		Brass	without	10VN 1310 MXX	10	■□
9	11	G 1/4	14	100	13,5	60		Brass	without	11VN 1310 MXX	10	■□
		G 3/8	19	100	13,5	60		Brass	without	11VN 1710 MXX	10	■□



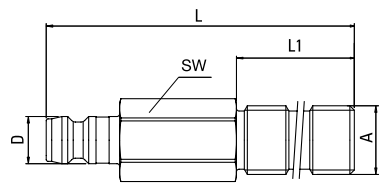
Male Thread 90°



Female Thread



Hose Barb



continuous Male Thread

DS = Delivery Status: ■ in stock    □ on short call    □ medium term delivery

DN	Series	Conne- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	Version	Valve	Part Number	PU	DS
6	10	8 mm	9	63	9	42		Brass	without	10VN XX063 MXX	10	<input type="checkbox"/>
		8 mm	9	100	9	79		Brass	without	10VN XX10 MXX	10	<input type="checkbox"/>
		10 mm	11	120	9	100		Brass	without	10VN XX12 MXX	10	<input type="checkbox"/>
		10 mm	11	240	9	220		Brass	without	10VN XX24 MXX	10	<input type="checkbox"/>
		10 mm	11	360	9	340		Brass	without	10VN XX36 MXX	10	<input type="checkbox"/>
9	11	14 mm	15	150	13,5	125		Brass	without	11VN XX15 MXX	10	<input type="checkbox"/>
		14 mm	15	300	13,5	275		Brass	without	11VN XX30 MXX	10	<input type="checkbox"/>
		14 mm	15	450	13,5	425		Brass	without	11VN XX45 MXX	10	<input type="checkbox"/>
13	12	21 mm	22	500	19	465		Brass	without	12VN XX50 MXX	10	<input type="checkbox"/>
		21 mm	22	800	19	765		Brass	without	12VN XX80 MXX	10	<input type="checkbox"/>

