



EUROPEAN

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

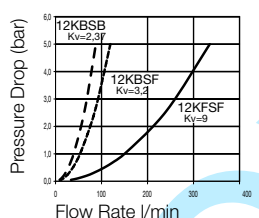
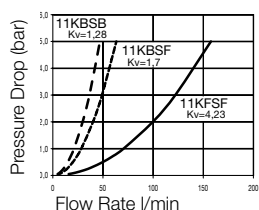
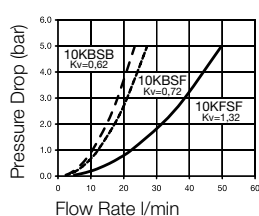
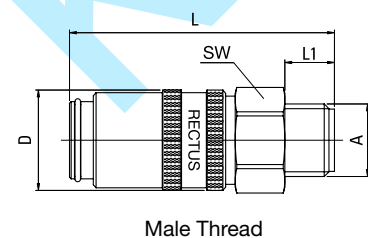
Brass
Brass
Brass
AISI 301
FKM

Nickel Plated

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

Stainless Steel

AISI 303

Chart**Couplings****RECTUS Series 10/11/12**

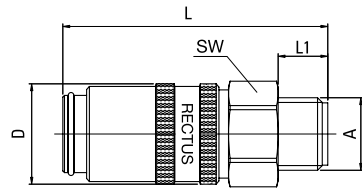
DN	Series	Connec- tion A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS
6	10	M 14 x 1,5	17	48	18	9				with	10KB AM14 MVX	10	■
										without	10KF AM14 MVX	10	■
		G 1/4	17	48	18	9				with	10KB AW13 MVX	10	■
										without	10KF AW13 MVX	10	■
		G 3/8	19	48	18	9				with	10KB AW17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

DS = Delivery Status:

■ in stock

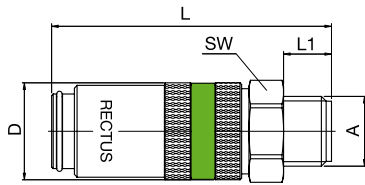
■ on short call

■ medium term delivery

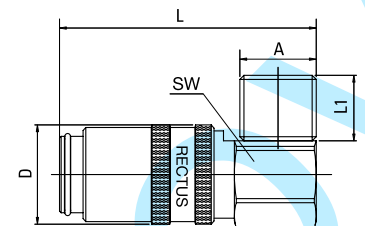


Male Thread

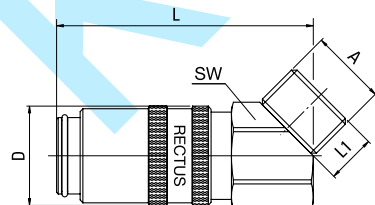
S



Male Thread



Male Thread 90°



Male Thread 45°

DN	Series	Conne- ction A	Hex SW	L mm	D mm	L1 mm	L2 mm	D1 mm	D2 mm	Valve	Part Number	PU	DS
9	11	G 1/4	22	51,5	23	9				with	11KB AW13 MVX	10	☐
										without	11KF AW13 MVX	10	☐
		M 16 x 1,5	22	51,5	23	9				with	11KB AM16 MVX	10	☐
										without	11KF AM16 MVX	10	☐
		G 3/8	22	51,5	23	9				with	11KB AW17 MVX	10	☐
										without	11KF AW17 MVX	10	☐
13	12	G 1/2	30	74	32	12				with	11KB AW21 MVX	10	☐
										without	11KF AW21 MVX	10	☐
		M 24 x 1,5	30	78	32	16				with	11KB AW21 MVX	5	☐
										without	12KF AW21 MVX	5	☐
		G 3/4	30	78	32	16				with	12KB AM24 MVX	10	☐
										without	12KF AM24 MVX	10	☐
6	10	G 1/4	17	52,5	18	9				with	12KB AW26 MVX	5	☐
										without	12KF AW26 MVX	5	☐
		M 14 x 1,5	17	52,5	18	9				with	12KB AM24 MVX	10	☐
										without	12KF AM24 MVX	10	☐
		G 3/8	19	52,5	18	9				with	12KB AW26 MVX	5	☐
										without	12KF AW26 MVX	5	☐
9	11	G 1/4	22	62	24	9				with	10KB AW13 MVXSL	10	☐
										without	10KF AW13 MVXSL	10	☐
		M 16 x 1,5	22	62	24	9				with	10KB AM14 MVXSL	10	☐
										without	10KF AM14 MVXSL	10	☐
		G 3/8	22	62	24	9				with	10KB AW17 MVXSL	10	☐
										without	10KF AW17 MVXSL	10	☐
6	10	G 1/4	17	47	18	12				with	11KB AW21 MVXSL	10	☐
										without	11KF AW21 MVXSL	10	☐
		M 14 x 1,5	17	47	18	12				with	11KB AW13 MVXSL	10	☐
										without	11KF AW13 MVXSL	10	☐
		G 3/8	22	62	24	9				with	11KB AM16 MVXSL	10	☐
										without	11KF AM16 MVXSL	10	☐
9	11	G 1/2	22	65	24	12				with	11KB AM16 MVXSL	10	☐
										without	11KF AM16 MVXSL	10	☐
		M 16 x 1,5	22	53,5	23	12				with	11KB AW21 MVXSL	10	☐
										without	11KF AW21 MVXSL	10	☐
		G 3/4	30	78	32	16				with	11KB AW17 MVXSL	10	☐
										without	11KF AW17 MVXSL	10	☐
6	10	G 1/4	17	47	18	12				with	10KB AR13 MVX	10	☐
										without	10KF AR13 MVX	10	☐
		M 14 x 1,5	17	47	18	12				with	10KB AR14 MVX	10	☐
										without	10KF AR14 MVX	10	☐
		G 3/8	22	62	24	9				with	10KB AR16 MVX	10	☐
										without	10KF AR16 MVX	10	☐
9	11	G 1/2	22	65	24	12				with	11KB AR13 MVX	10	☐
										without	11KF AR13 MVX	10	☐
		M 16 x 1,5	22	53,5	23	12				with	11KB AR14 MVX	10	☐
										without	11KF AR14 MVX	10	☐
		G 3/4	30	78	32	16				with	11KB AR16 MVX	10	☐
										without	11KF AR16 MVX	10	☐
13	12	G 1/2	30	78	32	16				with	11KB AR16 MVX	10	☐
										without	11KF AR16 MVX	10	☐
		M 24 x 1,5	30	78	32	16				with	11KB AR16 MVX	10	☐
										without	11KF AR16 MVX	10	☐
		G 3/4	30	78	32	16				with	11KB AR16 MVX	10	☐
										without	11KF AR16 MVX	10	☐
6	10	G 1/4	17	47	18	12				with	12KB AR24 MVX	10	☐
										without	12KF AR24 MVX	10	☐
		M 14 x 1,5	17	47	18	12				with	12KB AR24 MVX	10	☐
										without	12KF AR24 MVX	10	☐
		G 3/8	22	62	24	9				with	12KB AR24 MVX	10	☐
										without	12KF AR24 MVX	10	☐
9	11	G 1/2	22	65	24	12				with	12KB AH13 MVX	10	☐
										without	12KF AH13 MVX	10	☐
		M 16 x 1,5	22	53,5	23	12				with	12KB AH14 MVX	10	☐
										without	12KF AH14 MVX	10	☐
		G 3/4	30	78	32	16				with	12KB AH16 MVX	10	☐
										without	12KF AH16 MVX	10	☐
13	12	G 1/2	30	78	32	16				with	12KB AH13 MVX	10	☐
										without	12KF AH13 MVX	10	☐
		M 24 x 1,5	30	78	32	16				with	12KB AH14 MVX	10	☐
										without	12KF AH14 MVX	10	☐
		G 3/4	30	78	32	16				with	12KB AH16 MVX	10	☐
										without	12KF AH16 MVX	10	☐

Couplings

RECTUS Series 10/11/12

	DN	Series	Conne- ction 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	■
 <p>Hose Barb</p>			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	■
	6	10	9 mm		52	18	22				with	10KB TF09 MVX	10	■
											without	10KF TF09 MVX	10	■
 <p>Hose Barb</p>	9	11	13 mm		61,5	23	25				with	11KB TF13 MVX	10	■
											without	11KF TF13 MVX	10	■
	13	12	19 mm		90	32	32				with	12KB TF19 MVX	5	■
											without	12KF TF19 MVX	5	■
	6	10	9 mm		60	18	22				with	10KB TF09 MVXSL	10	■
											without	10KF TF09 MVXSL	10	■
 <p>Hose Barb</p>	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		41	18	22				with	10KB TR09 MVX	10	■
											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	32	32				with	12KB TR19 MVX	5	■
											without	12KF TR19 MVX	5	■
 <p>Hose Barb 90°</p>	6	10	9 mm		53,5	18	22				with	10KB TR09 MVXSL	10	■
											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		52	18	22				with	10KB TH09 MVX	10	■
											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	32	30				with	12KB TH19 MVX	5	■
											without	12KF TH19 MVX	5	■

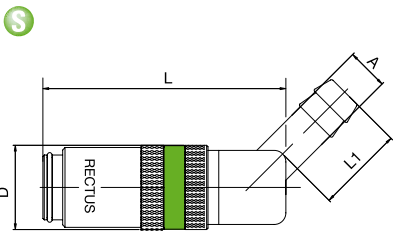




DS = Delivery Status: ■ in stock

■ on short call

■ medium term delivery

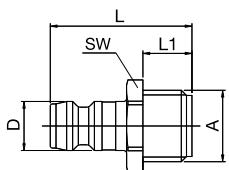











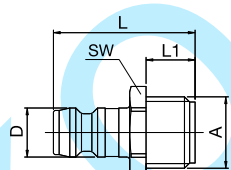












Couplings

RECTUS Series 10/11/12

	DN	Series	Conne- ction 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	
											without	10KF TH09 MVXSL	10	
	9	11	13 mm		60,5	24	25				with	11KB TH13 MVXSL	10	
											without	11KF TH13 MVXSL	10	

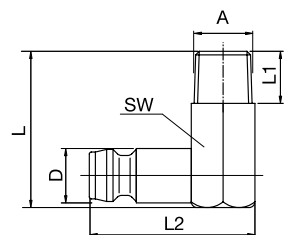
Plugs

RECTUS Series 10/11/12

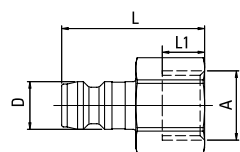
	DN	Series	Conne- ction A	Hex SW	L mm	D mm	L1 mm	L2 mm	Version	Valve	Part Number	PU	DS
 <p>Male Thread</p>	6	10	M 8 x 0,75	11	24	9	7		Brass	without	10SF AM08 MXX	25	
									AISI 303	without	10SF AM08 RXX	25	
			M 10 x 1	11	24	9	7		Brass	without	10SF AM10 MXX	25	
									AISI 303	without	10SF AM10 RXX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

Plugs

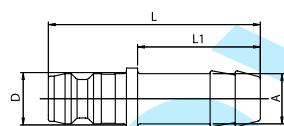
RECTUS Series 10/11/12



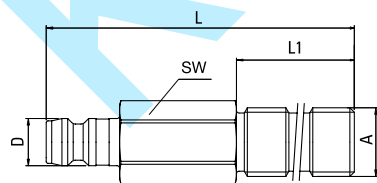
Male Thread 90°



Female Thread



Hose Barb



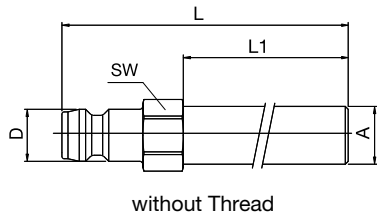
continuous Male Thread

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	■

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	Version	Valve	Part Number	PU	DS
6	10	8 mm	9	63	9	42		Brass	without	10VN XX063 MXX	10	■
		8 mm	9	100	9	79		Brass	without	10VN XX10 MXX	10	■
		10 mm	11	120	9	100		Brass	without	10VN XX12 MXX	10	■
		10 mm	11	240	9	220		Brass	without	10VN XX24 MXX	10	■
		10 mm	11	360	9	340		Brass	without	10VN XX36 MXX	10	■
9	11	14 mm	15	150	13,5	125		Brass	without	11VN XX15 MXX	10	■
		14 mm	15	300	13,5	275		Brass	without	11VN XX30 MXX	10	■
		14 mm	15	450	13,5	425		Brass	without	11VN XX45 MXX	10	■
13	12	21 mm	22	500	19	465		Brass	without	12VN XX50 MXX	10	■
		21 mm	22	800	19	765		Brass	without	12VN XX80 MXX	10	■