



Nominal flow size

1/8"



RECTUS Series

MD

Low Pressure

actual size



actual size



Technical Description

Medical coupling made of USP Class VI POM with the world's most commonly used profile. Above average flow performance for liquid and gaseous media. A new type of locking system made of thermoplastic with a non-slip sleeve considerably expands the application possibilities of this small, quick connect coupling.

Advantages

Single handed operation. The coupling is fitted with a double shut-off valve which enables it to be connected to a single shut-off (non-valved) plug as well as a double shut-off (valved) plug. The coupling is also available as straight-through coupling (without a valve). The 21 series eliminates the danger of mix-ups by color coding of the coupling and the respective plug. This system guarantees the elimination of mix-ups when media are connected.

Working Pressure

PB = 0 psi to 145 psi, maximum static working pressure with safety factor 4 to 1.

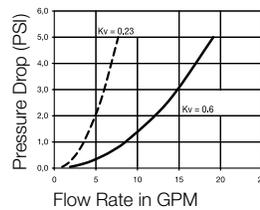
Working Temperature

-4°F to 176°F

Compatibility

RECTUS Series 21

Water Flow



Material

Coupler

- Valve Body
- Sleeve
- Valve
- Spring
- Locking System
- Seals
- Back Body

Standard

- POM USP Class VI, white
- POM USP Class VI, white
- POM USP Class VI, white
- Stainless Steel 1.4571 (AISI 316 Ti)
- POM USP Class VI, white
- EPDM USP Class VI
- POM USP Class VI, white

Nipple

- Plug Profile
- Valve
- Spring
- Adapter
- Seal

- POM USP Class VI, white
- POM USP Class VI, white
- Stainless Steel 1.4571 (AISI 316 Ti)
- POM USP Class VI, white
- EPDM USP Class VI

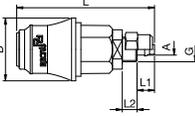
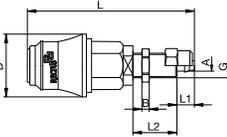
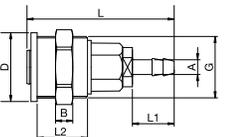
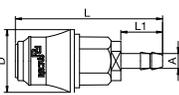
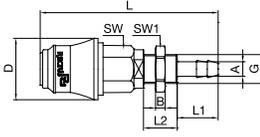
Couplers

RECTUS MD Series

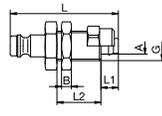
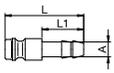
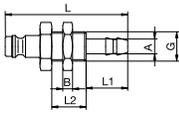
	Connection A	Hex SW	L inch	D inch	L1 inch	L2 inch	L3 inch	Hex1 SW1	B inch	G inch	S	Color Coding Ring	Part Number
 Male Thread	G 1/8"	0.67	1.97	1.00	0.28							-	MD-M51-2MB
	G 1/4"	0.67	1.97	1.00	0.28							-	MD-M51-4MB
 Female Thread	G 1/8"	0.67	1.97	1.00	0.31							-	MD-M51-2FB
	G 1/4"	0.67	1.97	1.00	0.35							-	MD-M51-4FB
 Plastic Hose Connection, Flush Mount	1/8" x 1/4"	0.67	2.20	1.10	0.28	0.81		1.06	0.28	M 25 x 1		-	MD-M51-QM6CSP
	5/32" x 1/4"	0.67	2.20	1.10	0.28	0.81		1.06	0.28	M 25 x 1		-	MD-M51-QM8CSP

⚠ Please consider our security advices on page 18 ⚠

Couplers RECTUS MD Series

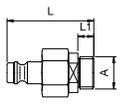
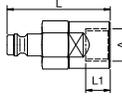
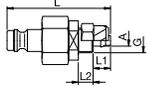
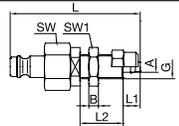
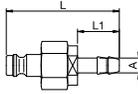
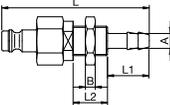
	Connection A	Hex SW	L inch	D inch	L1 inch	L2 inch	L3 inch	Hex1 SW1	B inch	G inch	S	Color Coding Ring	Part Number
 <p>Plastic Hose Connection</p>	1/8" x 1/4"	0.67	2.20	1.00	0.28	0.24				M 10 x 1		-	MD-M51-M6CSP
	5/32" x 1/4"	0.67	2.20	1.00	0.28	0.24				M 12 x 1		-	MD-M51-M8CSP
 <p>Panel Mount, Plastic Hose Connection</p>	1/8" x 1/4"	0.67	2.68	1.00	0.28	0.71	0.55	0.16	M 10 x 1			-	MD-M51-HM6CSP
	5/32" x 1/4"	0.67	2.68	1.00	0.28	0.71	0.67	0.16	M 12 x 1			-	MD-M51-HM8CSP
 <p>Hose Barb, Flush Mount</p>	5/32"	0.67	2.36	1.10	0.67	0.81	1.06	0.28	M 25 x 1			-	MD-M51-QM4HB
	1/4"	0.67	2.36	1.10	0.67	0.81	1.06	0.28	M 25 x 1			-	MD-M51-QM6HB
 <p>Hose Barb</p>	5/32"	0.67	2.36	1.00	0.67							-	MD-M51-M4HB
	1/4"	0.67	2.36	1.00	0.67							-	MD-M51-M6HB
 <p>Panel Mount, Hose Barb</p>	5/32"	0.67	2.91	1.00	0.67	0.55	0.55	0.16	M 10 x 1			-	MD-M51-HM4HB
	1/4"	0.67	2.91	1.00	0.67	0.55	0.67	0.16	M 12 x 1			-	MD-M51-HM6HB

Nipples RECTUS MD Series

	Connection A	Hex SW	L inch	D inch	L1 inch	L2 inch	L3 inch	Hex1 SW1	B inch	G inch	S	Color Coding Ring	Part Number
 <p>Panel Mount, Plastic Hose Connection</p>	1/8" x 1/4"	0.55	1.73		0.28	0.71		0.55	0.16	M 10 x 1		-	MD-M54-HM6CSP
	5/32" x 1/4"	0.55	1.73		0.28	0.71		0.55	0.16	M 12 x 1		-	MD-M54-HM8CSP
 <p>Hose Barb</p>	5/32"		1.26		0.67							-	MD-M54-M4HB
	1/4"		1.26		0.67							-	MD-M54-M6HB
 <p>Panel Mount, Hose Barb</p>	1/8" x 1/4"	0.55	1.97		0.67	0.55		0.55	0.16	M 10 x 1		-	MD-M54-HM4HB
	5/32" x 1/4"	0.55	1.97		0.67	0.55		0.67	0.16	M 12 x 1		-	MD-M54-HM6HB

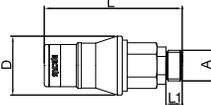
Valved Nipples

RECTUS MD Series

	Connection A	Hex SW	L inch	D inch	L1 inch	L2 inch	L3 inch	Hex1 SW1	B inch	G inch	S	Color Coding Ring	Part Number
 Male Thread	1/8"	0.67	1.42	0.28								-	MD-M52-2MB
	1/4"	0.67	1.50	0.28								-	MD-M52-4MB
 Female Thread	1/8"	0.67	1.54	0.31								-	MD-M52-2FB
	1/4"	0.67	1.65	0.39								-	MD-M52-4FB
 Plastic Hose Connection	1/8" x 1/4"	0.67	1.65	0.28	0.24					M 10 x 1		-	MD-M52-M6CSP
	5/32" x 1/4"	0.67	1.65	0.28	0.24					M 12 x 1		-	MD-M52-M8CSP
 Panel Mount, Plastic Hose Connection	1/8" x 1/4"	0.67	1.89	0.28	0.70			0.16		M 10 x 1		-	MD-M52-HM6CSP
	5/32" x 1/4"	0.67	2.05	0.28	0.70			0.16		M 12 x 1		-	MD-M52-HM8CSP
 Hose Barb	5/32"	0.67	1.81	0.67								-	MD-M52-M4HB
	1/4"	0.67	1.81	0.67								-	MD-M52-M6HB
 Panel Mount, Hose Barb	5/32"	0.67	2.36	0.67	0.55		0.55	0.16		M 10 x 1		-	MD-M52-HM4HB
	1/4"	0.67	2.36	0.67	0.55		0.67	0.16		M 12 x 1		-	MD-M52-HM6HB

Couplers

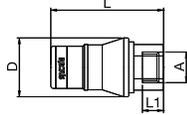
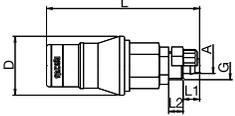
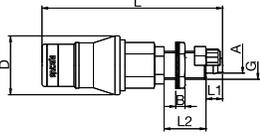
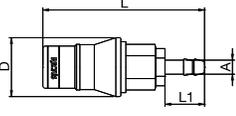
RECTUS MD Series keyed

	Connection A	Hex SW	L inch	D inch	L1 inch	L2 inch	L3 inch	Hex1 SW1	B inch	G inch	S	Color Coding Ring	Part Number	
 Male Thread	1/8"	0.67	2.34	1.00	0.28							green - 0	MD-M51-2MB-K0	
												black - 2	MD-M51-2MB-K2	
												brown - 3	MD-M51-2MB-K3	
												yellow - 5	MD-M51-2MB-K5	
												blue - 6	MD-M51-2MB-K6	
	red - 8	MD-M51-2MB-K8												
	1/4"	0.67	2.34	1.00	0.28								green - 0	MD-M51-4MB-K0
													black - 2	MD-M51-4MB-K2
													brown - 3	MD-M51-4MB-K3
													yellow - 5	MD-M51-4MB-K5
blue - 6													MD-M51-4MB-K6	
red - 8	MD-M51-4MB-K8													

⚠ Please consider our security advices on page 18 ⚠

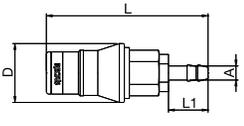
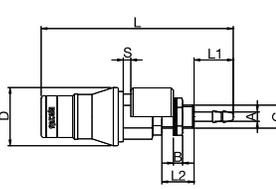
Couplers

RECTUS MD Series keyed

	Connection A	Hex SW	L inch	D inch	L1 inch	L2 inch	L3 inch	Hex1 SW1	B inch	G inch	S	Color Coding Ring	Part Number	
 <p>Female Thread</p>	1/8"	0.67	2.46	1.00	0.35							green - 0	MD-M51-2FB-K0	
												black - 2	MD-M51-2FB-K2	
												brown - 3	MD-M51-2FB-K3	
												yellow - 5	MD-M51-2FB-K5	
												blue - 6	MD-M51-2FB-K6	
	red - 8	MD-M51-2FB-K8												
	1/4"	0.67	1.91	1.00	0.35								green - 0	MD-M51-4FB-K0
													black - 2	MD-M51-4FB-K2
													brown - 3	MD-M51-4FB-K3
													yellow - 5	MD-M51-4FB-K5
blue - 6													MD-M51-4FB-K6	
red - 8	MD-M51-4FB-K8													
 <p>Plastic Hose Connection</p>	1/8" x 1/4"	0.67	2.46	1.00	0.28	0.24				M 10 x 1		green - 0	MD-M51-M6CSP-K0	
												black - 2	MD-M51-M6CSP-K2	
												brown - 3	MD-M51-M6CSP-K3	
												yellow - 5	MD-M51-M6CSP-K5	
												blue - 6	MD-M51-M6CSP-K6	
	red - 8	MD-M51-M6CSP-K8												
	5/32" x 1/4"	0.67	2.46	1.00	0.28	0.24					M 12 x 1		green - 0	MD-M51-M8CSP-K0
													black - 2	MD-M51-M8CSP-K2
													brown - 3	MD-M51-M8CSP-K3
													yellow - 5	MD-M51-M8CSP-K5
blue - 6													MD-M51-M8CSP-K6	
red - 8	MD-M51-M8CSP-K8													
 <p>Panel Mount, Plastic Hose Connection</p>	1/8" x 1/4"	0.67	3.05	1.00	0.28	0.71		0.55	0.16	M 10 x 1		green - 0	MD-M51-HM6CSP-K0	
												black - 2	MD-M51-HM6CSP-K2	
												brown - 3	MD-M51-HM6CSP-K3	
												yellow - 5	MD-M51-HM6CSP-K5	
												blue - 6	MD-M51-HM6CSP-K6	
	red - 8	MD-M51-HM6CSP-K8												
	5/32" x 1/4"	0.67	3.05	1.00	0.28	0.71			0.67	0.16	M 12 x 1		green - 0	MD-M51-HM8CSP-K0
													black - 2	MD-M51-HM8CSP-K2
													brown - 3	MD-M51-HM8CSP-K3
													yellow - 5	MD-M51-HM8CSP-K5
blue - 6													MD-M51-HM8CSP-K6	
red - 8	MD-M51-HM8CSP-K8													
 <p>Hose Barb</p>	5/32"	0.67	2.74	1.00	0.67							green - 0	MD-M51-M4HB-K0	
												black - 2	MD-M51-M4HB-K2	
												brown - 3	MD-M51-M4HB-K3	
												yellow - 5	MD-M51-M4HB-K5	
												blue - 6	MD-M51-M4HB-K6	
												red - 8	MD-M51-M4HB-K8	

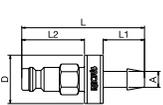
Couplers

RECTUS MD Series keyed

	Connection A	Hex SW	L inch	D inch	L1 inch	L2 inch	L3 inch	Hex1 SW1	B inch	G inch	S	Color Coding Ring	Part Number	
 <p>Hose Barb</p>	5/32"	0.67	2.74	1.10	0.67							green - 0	MD-M51-M6HB-K0	
												black - 2	MD-M51-M6HB-K2	
												brown - 3	MD-M51-M6HB-K3	
												yellow - 5	MD-M51-M6HB-K5	
												blue - 6	MD-M51-M6HB-K6	
												red - 8	MD-M51-M6HB-K8	
 <p>Panel Mount, Hose Barb</p>	1/4"	0.67	83.5	1.10	0.67	0.55		0.55	0.16	M 10 x 1	0.04 to 0.3 inch	green - 0	MD-M51-HM4HB-K0	
												black - 2	MD-M51-HM4HB-K2	
												brown - 3	MD-M51-HM4HB-K3	
												yellow - 5	MD-M51-HM4HB-K5	
												blue - 6	MD-M51-HM4HB-K6	
												red - 8	MD-M51-HM4HB-K8	
	5/32"	0.67	83.5	1.10	0.67	0.55		0.67	0.16	M 12 x 1	0.04 to 0.3 inch	green - 0	MD-M51-HM6HB-K0	
													black - 2	MD-M51-HM6HB-K2
													brown - 3	MD-M51-HM6HB-K3
													yellow - 5	MD-M51-HM6HB-K5
												blue - 6	MD-M51-HM6HB-K6	
												red - 8	MD-M51-HM6HB-K8	

Nipples

RECTUS MD Series keyed

	Connection A	Hex SW	L inch	D inch	L1 inch	L2 inch	L3 inch	Hex1 SW1	B inch	G inch	S	Color Coding Ring	Part Number
 <p>Hose Barb</p>	5/32"		1.26		0.67							green - 0	MD-M54-M4HB-K0
	5/32"		1.26		0.67							black - 2	MD-M54-M4HB-K2
	5/32"		1.26		0.67							brown - 3	MD-M54-M4HB-K3
	5/32"		1.26		0.67							yellow - 5	MD-M54-M4HB-K5
	5/32"		1.26		0.67							blue - 6	MD-M54-M4HB-K6
	5/32"		1.26		0.67							red - 8	MD-M54-M4HB-K8
	1/4"		1.26		0.67							green - 0	MD-M54-M6HB-K0
	1/4"		1.26		0.67							black - 2	MD-M54-M6HB-K2
	1/4"		1.26		0.67							brown - 3	MD-M54-M6HB-K3
	1/4"		1.26		0.67							yellow - 5	MD-M54-M6HB-K5
	1/4"		1.26		0.67							blue - 6	MD-M54-M6HB-K6
	1/4"		1.26		0.67							red - 8	MD-M54-M6HB-K8
	3/8"		1.26		0.67							green - 0	MD-M54-M10HB-K0
	3/8"		1.26		0.67							black - 2	MD-M54-M10HB-K2
	3/8"		1.26		0.67							brown - 3	MD-M54-M10HB-K3
	3/8"		1.26		0.67							yellow - 5	MD-M54-M10HB-K5
	3/8"		1.26		0.67							blue - 6	MD-M54-M10HB-K6
	3/8"		1.26		0.67							red - 8	MD-M54-M10HB-K8