



Quick Swivel

Solution integrating a Taimi Swivel into a flat face male coupling (FFH or 3FFH series), allowing the coupler to rotate under pressure without getting damaged.

This product allows quick connection/disconnection of a hydraulic circuit while providing all of the benefits of a traditional swivel preventing premature wear, hose failure and system downtime. Both "SC" and "SD" types are compatible with ISO 16028 standard, with the "SD" type specifically designed to facilitate connection under residual pressure, an enhanced feature beyond the "SC" type capabilities.



Applications



Technical Specifications


"SC" type

dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
08	12.5	1/2"	35	110	0.01	210	140		140
12	20	3/4"	35	120	0.02	215	140		140

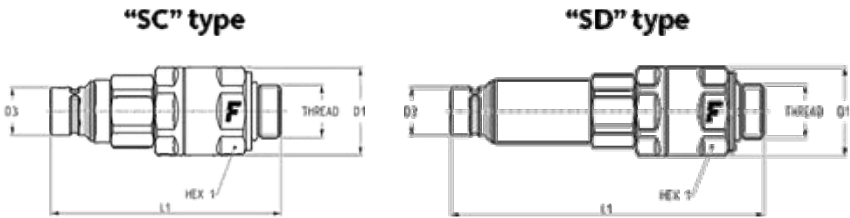
"SD" type

dash	Size		Working Pressure (MPa)	Flow Rate (l/min)	Spillage (ml)	Force to Connect (N)	Burst pressure (MPa)		
	mm	inch					Male	Female	Male + Female
08	12.5	1/2"	35	65	0.01	180	140		140
12	20	3/4"	35	115	0.02	220	140		140

Material	Steel
Seals	NBR; PUR
Working temperatures	- 25 °C to + 100 °C
Surface treatment	MATE 1000 (ZnNi)
Series Interchange	ISO 16028

Valve Type	Flat
Connection	Push to Connect
Disconnection	Sleeve Retraction
Connection Under Pressure	Allowed with "SD" type 

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Size		Thread details			FEMALE								
mm	inch	Thread Type	Standard	Thread	Part Number	L (L1 + Thread) mm inch		D1 mm inch		D3 mm inch		HEX1 mm inch	
12.5	1/2"	01/ SAE	ISO 11926-3	1-1/16"-12 UN MALE	SW-FF-08-SC-1/34S M	118.7	4.67	45	1.77	24.5	0.96	41	1.61
12.5	1/2"	01/ SAE	ISO 11926-3	1-1/16"-12 UN MALE	SW-FF-08-SD-1/34S M	159.4	6.28	45	1.77	24.5	0.96	41	1.61
20	3/4"	01/ SAE	ISO 11926-3	1-1/16"-12 UN MALE	SW-FF-12-SC-1/34S M	135	5.31	50	1.97	29.95	1.18	48	1.89
20	3/4"	01/ SAE	ISO 11926-3	1-1/16"-12 UN MALE	SW-FF-12-SD-1/34S M	162	6.38	50	1.97	29.95	1.18	48	1.89

