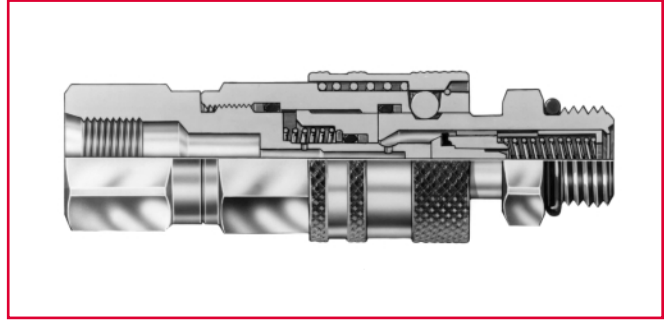


## FD90 Series/SAE J1502 Interchange



The FD90 Series diagnostic coupling is designed to connect and disconnect pressure gauges to hydraulic systems, eliminating the need for permanent gauges. The maximum operating pressure is 7,000 psi.

- Automatic sleeve for one hand push-to-connect operation.
- Flush face valving provides minimal fluid loss and low air inclusion.
- Self-sealing valve design allows connection and disconnection at 500 psi.
- Broad range of end configurations for system accessibility.
- Standard seal material – Buna-N.
- Standard body material – Zinc plated steel.

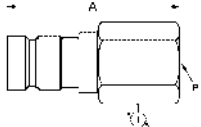
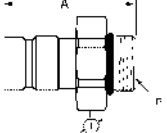
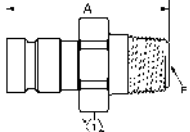
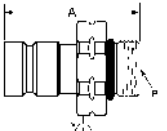
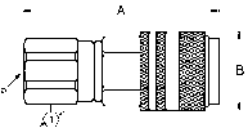

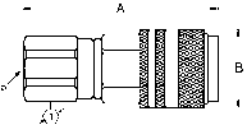
### Diagnostic Kit\* – FF10000-02



\*Contact Aeroquip for additional information.

### Physical Characteristics

Coupling Size	Maximum Operating Pressure (psi)	Minimum Burst Pressure (psi)	Vacuum (in./Hg.)	Rated Flow (gpm)	Air Inclusion (cc. max.)	Fluid Loss (cc. max.)
-04	7,000	28,000	28	.50	0.02	0.10

FD90 Series	Coupling Size	Thread Size (P)	Dimensional Data			Part Number	Part Number with Dust Cap
			A	B	(1)	Buna-N	Buna-N
Male Half Female Pipe/Valved 	-04	1/8-27	1.70		.62	FD90-1034-02-04	FD90-1035-02-04
	-04	1/4-18	1.90		.75	FD90-1034-04-04	FD90-1035-04-04
Male Half Male SAE O-Ring/Valved 	-04	3/8-24	1.52		.62	FD90-1044-03-04	FD90-1004-03-04
	-04	7/16-20	1.58		.62	FD90-1044-04-04	FD90-1004-04-04
	-04	1/2-20	1.32		.62	FD90-1044-05-04	FD90-1004-05-04
	-04	9/16-18	1.32		.69	FD90-1044-06-04	FD90-1004-06-04
Male Half Male Pipe/Valved 	-04	1/8-27	1.60		.62	FD90-1012-02-04	FD90-1045-02-04
	-04	1/4-18	1.49		.69	FD90-1012-04-04	FD90-1045-04-04
Male Half Metric Male O-Ring/Valved 	-04	M14x1.5	1.38		.75	FD90-1046-06-04	FD90-1047-06-04
Female Half Female Pipe/Valved 	-04	1/8-27	1.95	1.00	.75	FD90-1021-02-04	Dust Cap for Male Halves FD90-1040-04 
	-04	1/4-18	2.25	1.00	.75	FD90-1021-04-04	
Female Half Female SAE O-Ring/Valved 	-04	7/16-20	2.20	1.00	.75	FD90-1041-04-04	

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