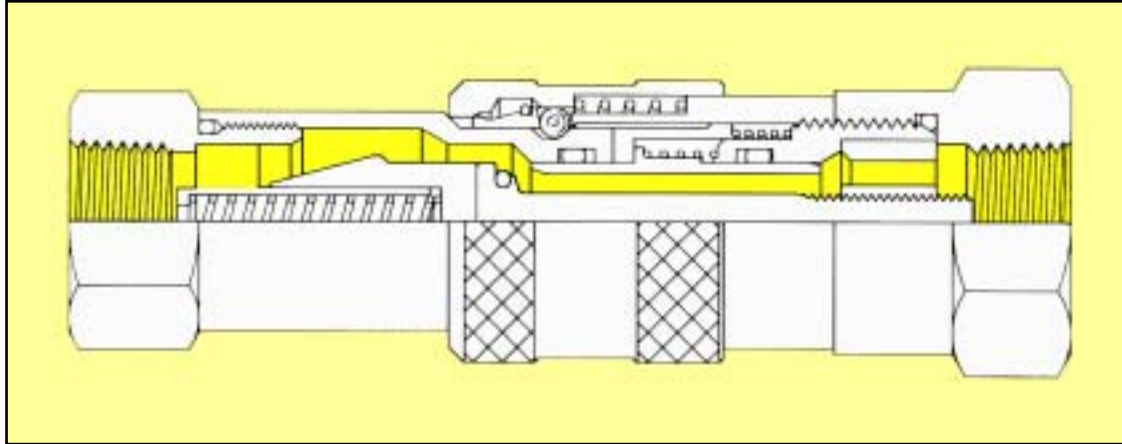


FLUSH FACE

Double Shut-Off Quick-Couplers

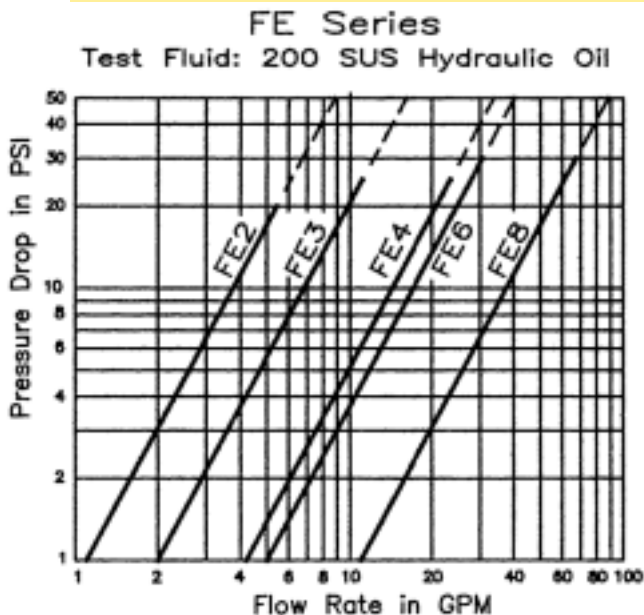
TOMCO Series FE



Tomco's FE Series, new generation of flush face couplers avoids many of the problems frequently experienced with other manufacturers' models of this type. The engineered coupler face-guide avoids annoying plug slip-off greatly simplifying coupling hook-up. These advanced flush face quick connects are especially useful with hydraulic hand tools and cylinders, construction equipment, mining and earth moving equipment as well as utilities' field equipment.

FE SERIES is an INTERNATIONAL interchange design intended for hydraulic service where fluid loss is undesirable. Available sizes 1/4" through 1", the Tomco **FE SERIES** is constructed of high strength anti-corrosion materials throughout. Steel components are hardened at all wear points and are heavily plated for extra corrosion resistance assuring longer useful service life. All standard seals are nitrile. The FE3 size conforms to all performance and dimensional requirements of ANSI/HTMA.

SERIES FE FLOW RATE



PERFORMANCE SPECIFICATIONS

	FE2		FE3		FE4		FE6		FE8	
	Operating	Burst	Operating	Burst	Operating	Burst	Operating	Burst	Operating	Burst
COUPLED	4,000	15,000	3,000	12,000	3,000	12,000	3,000	22,000	3,000	19,000
PLUG	4,000	11,500	3,000	12,000	3,000	12,000	3,000	11,000	3,000	11,000
COUPLER	4,000	7,000	3,000	12,000	3,000	12,000	3,000	6,250	3,000	7,250
RATED FLOW	5 GPM @ 20PSI ΔP		10 GPM @ 25PSI ΔP		21 GPM @ 25PSI ΔP		27 GPM @ 30PSI ΔP		55 GPM @ 30PSI ΔP	
SPILLAGE PER DISCONNECT	.015 ML		.015 ML		.020 ML		.150 ML		.200 ML	
INCLUSION PER CONNECT	.020 ML		.020 ML		.070 ML		.100 ML		.100 ML	

DUST CAPS (PLASTIC)



TOMCO dust caps prevent contamination of disconnected fluid system. They prevent the introduction of dirt, grit, and other contaminants into the system through the series FE components.

BODY SIZE	CAP FOR PLUG	CAP FOR COUPLER
3/8"	FP3DC	5606DC

TOMCO DOUBLE SHUT-OFF FLUSH FACE

SERIES FE

INTERNATIONAL INTERCHANGE ISO 160.28

Working Range:

See performance rating chart and flow graph. **page 14**

Temperature: -40° to +225° F



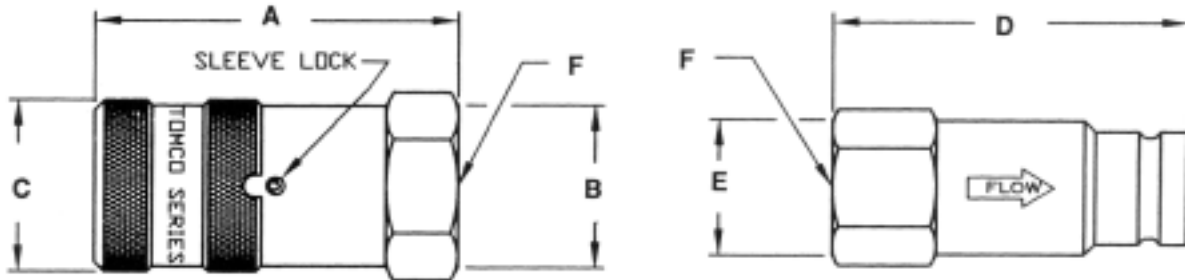
PLUG



AUTOMATIC COUPLER

FE2	Basic Size INCH ISO/MM	Female Thread	Plug Catalog No.	Coupler Catalog No.
	1/4" 6.3 MM	1/4" NPTF	EP2-16	EC2-16
FE3				
	3/8" 10 MM (HTMA)	3/4"-16 UNF (ORB) 3/8" NPTF 1/2" NPTF	EP3-8 EP3-21 EP3-26	EC3-8 EC3-21 EC3-26
FE4				
	1/2" 12.5MM	1-1/16"-12UN (ORB) 1/2" NPTF 3/4" NPTF	EP4-12 EP4-26 EP4-31	EC4-12 EC4-26 EC4-31
FE6				
	3/4" 16 MM	3/4" NPTF	EP6-31	EC6-31
FE8				
	1" 19MM	1" NPTF	EP8-36	EC8-36

Contact factory for specifications and drawings.



COUPLER NO.	A OAL	B HEX	C DIA.	PLUG NO.	D OAL	E HEX	F THD
EC2-16	1.90	7/8" HEX	1.11	EP2-16	1.90	7/8" HEX	1/4" NPT
EC3-8	2.73	1-1/8" HEX	1.20	EP3-8	2.75	1-1/16" HEX	3/4"-16 UNF
EC3-21	2.53	1-1/8" HEX	1.20	EP3-21	2.56	15/16" HEX	3/8" NPT
EC3-26	2.92	1-1/8" HEX	1.20	EP3-26	2.88	1-1/8" HEX	1/2" NPT
EC4-12	3.44	1-3/8" HEX	1.53	EP4-12	3.13	1-3/8" HEX	1-1/16"-12 UN
EC4-26	3.19	1-3/8" HEX	1.53	EP4-26	2.88	1-1/4" HEX	1/2" NPT
EC4-31	3.31	1-3/8" HEX	1.53	EP4-31	3.00	1 3/8" HEX	3/4" NPT
EC6-31	3.20	1-25/32" HEX	1.65	EP6-31	2.78	1-25/32" HEX	3/4" NPT
EC8-36	3.67	1-13/16" HEX	1.90	EP8-36	3.25	1-13/16" HEX	1" NPT