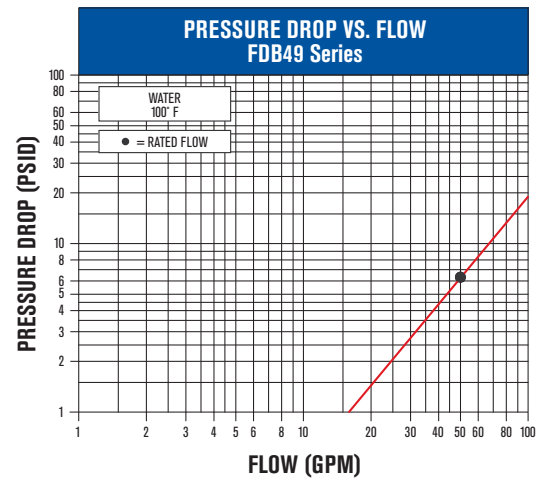


FLUSH FACE, NON-SPILL, 316L STAINLESS STEEL QUICK COUPLINGS

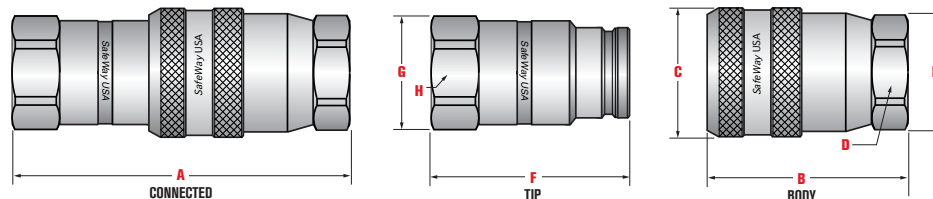
The FDB49 Series 316L Stainless Steel quick couplings provide rugged flush face valving for dry breaks, and allow one-hand push-to-connect. This high flow capacity product is a direct interchange with the Tuthill (Hansen) DB series coupler. Some basic applications include aerospace, food and beverage, oil and gas, chemical transfer and various military applications.

- Smooth, one hand, push-to-connect locking mechanism.
- Minimum air inclusion during connection and minimum fluid spillage during disconnection.
- Interchangeable half-for-half with Tuthill (Hansen) DB series dimensional requirements. (Not ISO 16028).
- Rugged flush face valving allows for easy cleaning to minimize system contamination.
- Low temperature Viton® seals are standard.
- Designed for maximum flow for quick system response.
- Method of obtaining and presenting performance data conforms to ANSI (NFPA) T3.20.2.R2, *Hydraulic fluid power - Quick action couplings - Test methods*.



PERFORMANCE DATA

PART NUMBERS			DESCRIPTION		OPERATING PRESSURE		NFPA RATED FLOW		MAX. SPILLAGE
Complete Coupler	Female Body Half	Male Tip Half	Body Size	Thread Size and Description	Maximum		GPM	(LPM)	(per disconnect)
					PSI	(BAR)			CC
FDB49-8-316F	FDB495-8-316F	FDB491-8-316F	1"	1" Female Pipe	1,450	(100)	50	(189)	.04



DIMENSIONAL DATA

Complete Coupler Number	DIMENSIONS (inches)							
	Overall Length A	Body Length B	Diameter C	Hex D	Diameter E	Tip Length F	Diameter G	Hex H
FDB49-8-316F	6.07	3.50	2.25	1.81	2.00	3.50	2.00	1.81

Temperature Range: Standard Seals Low Temp Viton® -40° to +482° F
 Vacuum Data: 27.4 inches Hg, both connected and disconnected.

Viton® is a registered trademark of DuPont Dow Elastomers.

Pressure rating (Max. Operating Pressure) is based on Non-Pulsating, Low Cycle applications with essentially steady pressure during the operating cycle. Please consult factory regarding other applications.