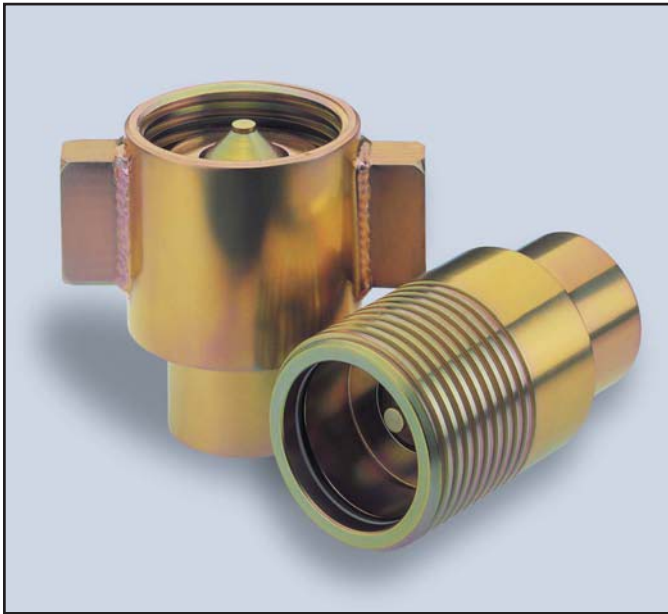# ☆ Snap-tite 75 Series -- Thread-to-Connect Couplings

Featuring...Snap-tite quality with superior pressure and flow characteristics over the competition.

- **Connect under Pressure** — Designed for up to 5,000 psi (345 bar) operating pressures.

- **Thread-to-Connect** — To connect, merely thread the nipple into the coupler. To disconnect just unthread.

- **Rugged** — Steel construction, with zinc yellow dichromate plating to resist corrosion. Stainless steel construction also available.

- **Seals** — Choice of seal materials to handle a variety of fluids including applications involving the use of fire-resistant hydraulic fluids.

- **Available sizes** — 3/4″, 1″, 1-1/4″, 1-1/2″, 2″, 2-1/2″, 3″, and 4″.

- **Superior flow and low pressure drop**

- **Valves close before disconnection** — Valves are designed to shut off automatically under normal conditions in both the coupler and nipple halves when the unit is being disconnected.

- **Det Norske Veritas Certified**

The very rugged 75 Series is designed and constructed for high pressure hydraulic service. Although these couplings are used in a broad variety of heavy duty applications, a primary usage is in oil fields and offshore drilling … cranes, power tongs and swivels, diving, etc.

PRESSURE RATINGS

SIZE	SPILLAGE (cc)	AIR INCLUSION (cc)	MAXIMUM WORKING*		MINIMUM BURST	
			PSI	BAR	PSI	BAR
3/4″	8	12	5,000	345	20,000	1379
1″	16	25	5,000	345	20,000	1379
1-1/4″	31	48	5,000	345	15,000	1035
1-1/2″	64	98	5,000	345	15,000	1035
2″	141	205	5,000	345	15,000	1035
2-1/2″	204	368	3,000	207	6,000	414
3″	320	480	3,000	207	6,000	414
4″	400	610	400	28	1,000	69

Burst pressures listed were taken at the point at which failure rendered the quick-disconnect inoperative. (Proof pressure equals 1-1/2 times the operating pressure.)
NOTE: Pressure Ratings were established under static pressure conditions.
For impulse applications, multiply the above pressure ratings by .6 for approximate pressure ratings.
***NOTE:** For working pressure of 316 SST units, multiply the above pressure ratings by .33 for approximate pressure ratings.