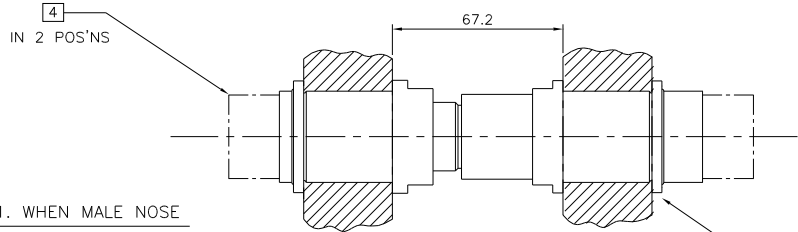
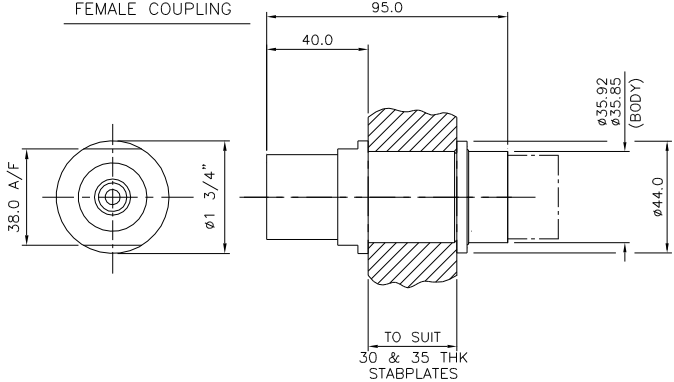
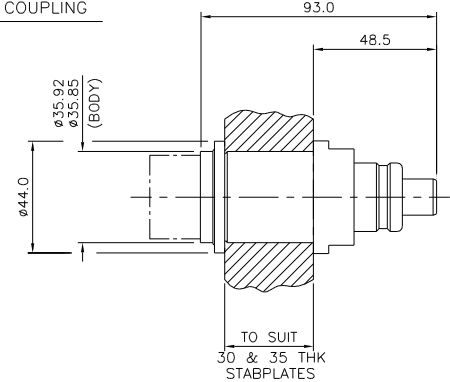
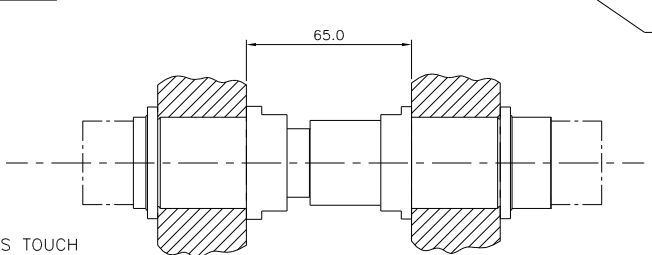


MALE COUPLING

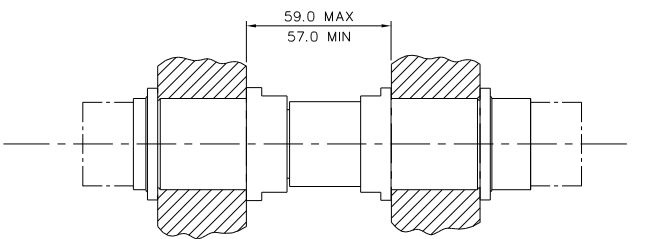
FEMALE COUPLING



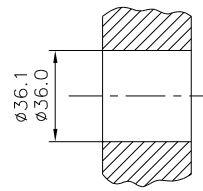
1. WHEN MALE NOSE ENTERS FIRST SEAL



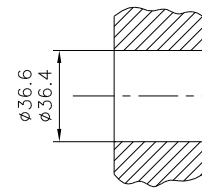
2. WHEN POPPETS TOUCH



3. FULLY MATED



FIXED COUPLING STABPLATE INTERFACE



FLOATING COUPLING STABPLATE INTERFACE

NOTES :

1. MAX WORKING PRESSURES :-
 L.P. 569 BAR (8250psi)
 H.P. 1190 BAR (17250psi)
2. MATERIALS :-
 L.P. STAINLESS STEEL 316S11 (318N/mm² YIELD STRENGTH AT 0.2% PROOF)
 H.P. MALE BODY - NITRONIC 50(HS) (740N/mm² YIELD STRENGTH AT 0.2% PROOF)
 H.P. FEMALE BODY - NITRONIC 60 (378N/mm² YIELD STRENGTH AT 0.2% PROOF)
3. BREAK OUT FORCE PER 1000 METRE DEPTH = 1.7KN
4. ALL BACK FITTINGS TO BE SPECIFIED BY CLIENT
5. NOMINAL BORE SIZE - 3/8" (9.52mm)
6. CV - 1.9 MAX DEPENDANT ON END FITTING
 (⊙ FULL MAKE-UP OR BACKED OFF BY 2mm)
7. SEPARATION FORCE (NEWTONS) = 160 x LINE PRESSURE (N/mm²) i.e. @ 690 BAR = 11.14KN
8. POPPET SPRING FORCE - STD 71 N (D09307A)
 HIGH LOAD 220 N (D043594A)
9. EXTERNAL INGRESS PRESSURE - STD SPRING 7 bar
 H.LOAD SPRING 22 bar
10. DEAD VOLUME (SPILL/BREAK) = 1.0cc
11. TYPICAL MALE COUPLING A004700A (LP)
 TYPICAL FEMALE COUPLING A004800A (LP)
 TYPICAL MALE COUPLING 11-KS0646-00 (HP)
 TYPICAL FEMALE COUPLING 11-KS0647-00 (HP)
12. ALL DIMENSIONS SHOWN ARE NOMINAL

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ISSUED FOR INFORMATION ONLY	A	CJ	09.05.96	TPB	09.05.96
				DFK	18.06.96
				DFK	09.05.96
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TOLERANCES U.O.S.	MATERIAL	TITLE			
	FINISH	INTERFACE DRG FOR 3/8" NB "REDUCED FORCE" HYDRAULIC COUPLING			
ESTIMATED WEIGHT		SIZE	DRAWING No.		
kg		A1	H003602A		
ASSD ON	ALL DIMENSIONS IN mm U.O.S.	ORIGINAL SCALE	1:1	DO NOT SCALE DRAWING	SHEET 1 OF 1