



**SPECIFICATION FOR MARINE BREAKAWAY COUPLING FOR CRUDE OIL  
MULTIBOUY 12" FL STRINGS FOR OFFSHORE PIPE LINE**

**GALL THOMSON – OR EQUIV**

TYPE OF UNIT	: 12" NB Coupling Flgd. ANSI 150 lb F.F
DESIGN PRESSURE	: 275 PSIG
DESIGN TEMPERATURE	: -1° - 80° c
DESIGN CLOSURE TIME	: 7 Seconds @ 25 Ton
MAX DIAMETER	: 19" (483 mm)

**BREAK STUD DATA**

MATERIAL	: 6AL 4V Titanium
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**PRESSURE TESTS**

INTEGRITY TEST	: 413 PSIG
ASSEMBLED STATE	: 225 PSIG

**MATERIALS**

BODIES WITH INTEGRAL FLANGES	: ASTM A105N
SLEEVE	: 304L
PETALS	: 17/4 CR. NI. P.H. (STAINLESS STEEL) ASTM A747 CB7CU-1 (H1075 GRADE)
TRIM	: 316 / NITRONIC 60 STAINLESS
SEALS	: MEDIUM NITRILE & VITON

