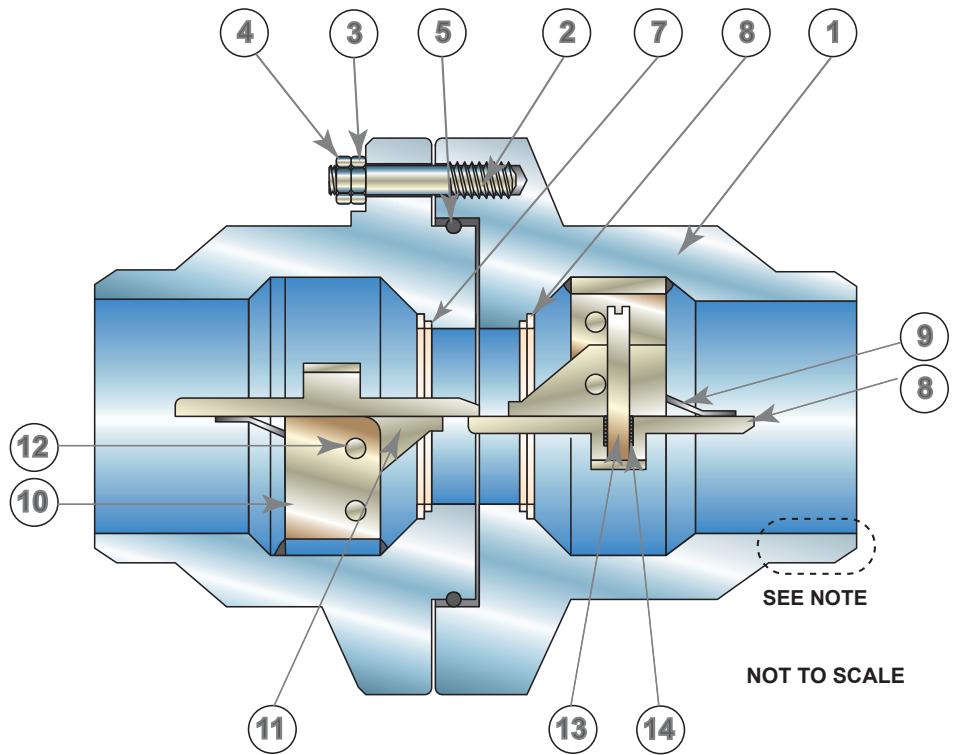


KLAW BREAKAWAY COUPLINGS



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No. DESCRIPTION

- 1 COUPLING HOUSING
- 2 BREAKSTUD
- 3 BREAKSTUD NUT ST.ST.
- 4 BREAKSTUD NYLOC NUT ST.ST.
- 5 BODY SEAL VITON / P.T.F.E.
- 6 SEAT SEAL VITON / P.T.F.E.
- 7 SEAT SEAL VITON / P.T.F.E.
- 8 COUPLING FLAP
- 9 TORSION SPRING
- 10 COUPLING BRACKET
- 11 COUPLING PIVOT BLOCK
- 12 COUPLING PIVOT PIN
- 13 COUPLING SLIDE PIN
- 14 COMPRESSION SPRING.

NOTE :

END FIXINGS
 FLANGED : A.S.A. / DIN / ETC
 SCREWED: VARIOUS N.P.T. / B.S.P. / A.P.I. ETC
 WELDED : Sch 40 ETC

KLAW PRODUCTS LIMITED 3" & 4" BREAKAWAY COUPLING(S)

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Klaw Breakaway Couplings

Breakaway Couplings are specifically designed to be able to activate with a tensile force being applied at an angle to the plane of the coupling housing. Up to 90 degrees.

Couplings for Offshore use are designed to be installed within a hose string, where the coupling would have a length of hose attached to both sides. This coupling incorporates the same internal mechanism as noted above, but has additional external features that provide increased resistance to torsional and 'bending moment' forces, which may be applied to the coupling, preventing premature activation in the unpredictable marine environment. This is the only product on the market specifically designed to accommodate these demanding conditions.

Typically applications include ship to offshore platform, and ship-to-ship product transfer operations.

TECHNICAL SPECIFICATION

MATERIALS OF CONSTRUCTION

Standard coupling housings are stainless steel. Other materials are available on request. Couplings are offered subject to Customers approval and acceptance of specification.

SIZES

Standard nominal bores available:
1.5", 2", 2.5", 3", 4", 5", 6", 8", 10" and 12"

PRESSURE RATINGS

Standard range design pressure up to 4"	= 40BAR	(580PSI)
Standard range design pressure 5" and 6"	= 23BAR	(335PSI)
Standard range design pressure 8" and larger	= 17BAR	(246PSI)

END CONNECTIONS

Threaded male or female, tapered or parallel
Flanged
Weld prepared ends
Non standard configurations are also available on request

BREAKING LOADS

Coupling break-loads can be varied to suit any particular application