# CHAIN CHASER

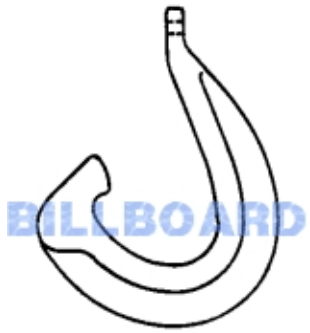
Chaser is a tool for recovering embedded anchors deployed by the buoy and pennant method when the pennant has broken and the buoy drifted away.

The material of the chaser is not hard as the material of the wire and chain. This means that wear is taken by the chaser without damage to the chain and wire.

| Type | A | B | C | D | E | G | H | P | W | L |
|---|---|---|---|---|---|---|---|---|---|---|
| 101 | 2438 | 1829 | --- | 699 | 305 | 124 | 86 | 250 | 1882 | 100 |
| 102 | 1657 | 1143 | 991 | 762 | 305 | 124 | 86 | 250 | 1088 | 100 |
| 106 | 1702 | 1168 | 991 | 762 | 381 | 130 | 99 | 250 | 1451 | 130 |
| 107 | 1886 | 1143 | 1080 | 762 | 305 | 124 | 86 | 250 | 1238 | 100 |
| 108 | 1931 | 1168 | 1067 | 762 | 381 | 130 | 99 | 250 | 1656 | 130 |
| 109 | 1778 | 1372 | --- | --- | --- | 114 | 86 | 150 | 1351 | 100 |
| 110 | 1867 | 1245 | 1130 | 838 | 330 | 130 | 99 | 250 | 1433 | 130 |
| 111 | 1994 | 1245 | 1130 | 838 | 330 | 130 | 99 | 250 | 1742 | 130 |
| 115 | 2083 | 1486 | 1486 | 711 | 533 | 124 | 86 | 250 | 1778 | 100 |
| 117 | 2032 | 921 | 1067 | 711 | 356 | 130 | 90 | 250 | 1478 | 130 |
| 210 | 2073 | 1245 | 1203 | 838 | 432 | 130 | 99 | 250 | 1959 | 130 |
| 213 | 1962 | 1099 | 1086 | 692 | 445 | 130 | 99 | 250 | 1846 | 130 |
| 214 | 2318 | 1308 | 1397 | 902 | 508 | 130 | 99 | 250 | 2530 | 130 |

A = Total Height
B = Total Width
C = Inside Height
D = Inside Width
E = Thickness
G = Eye Thickness
H = Eye Hole
P = Proof Load
W = Weight in kg
L = SWL in ton

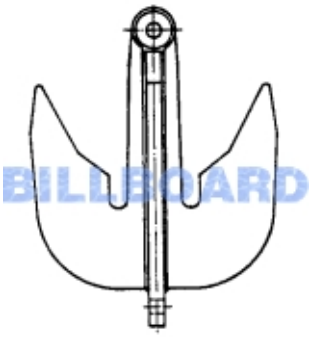
## J' Chain Chaser (101)




It is attached by a work wire to the winch of the anchor handling tug and at approximately 1/3 of the water depth. After "snagging" the anchor chain, is towed into contact with the anchor shank and flukes enabling the tug to lift and board the anchor.

It will handle anchors to 30 tonnes in weight and stud link chain up to 4-1/2 inches diameter.

## Chain Grapnel (109)

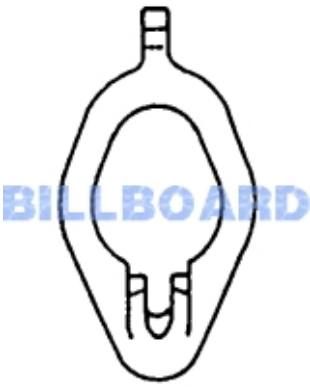



It designed as a "Fishing" tool primarily for the purpose of recovering and anchor and chain which has become detached and has fallen to the seabed.

The Head Eye is attached to the trawl cable and the Tail Eye may be attached to a trailing cable for the purpose of withdrawing the Grapnel in the event that the flukes engage with and "immovable" object on the seabed.

It is designed with catch slots at the root of the flukes which will retain anchor chain up to 4 inches.

## Permanent Chain-Lock Chaser (117)

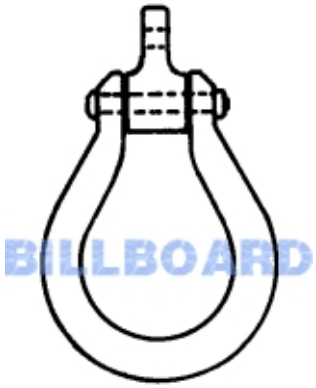



The higher requirements for the breaking-out force. A chaser which could break out an anchor without having to contend with the force in the mooring which opposes breaking out.

By locking on the chain ahead of the anchor shackle, the mooring tension can be completely relaxed, and the achievement has to deal only with the weight of the anchor and its resistance to break out.

# CHAIN CHASER

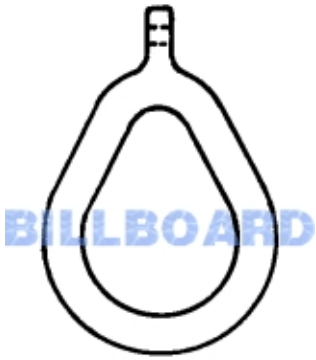
## Detachable Permanent Chain Chaser (107/108/111)



Chaser which could be assembled to the anchor chains of vessels in service without the need to break and remake the anchor chains.

A single bolt withdrawal enables relatively quick assembly to or removal from the anchor chain.

## Permanent Chain Chaser (102/106/110)



As a practical alternative to the buoy and pennant, permanent chain chasers were introduced. The pear shaped permanent chasers with shackle eye are in widespread use with semi-submersible drilling rigs.

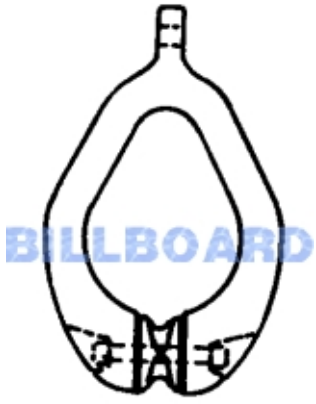
The design of these chasers offered superior sliding and penetration properties. It is suitable for use with most single shank anchors such as Stevin, LWT, Danforth, Moorfast, AC-14 etc.

102 is suitable for anchors to 15 tonnes, chain to 3-1/2 inches and water depths to 200 metres.

106 is suitable for anchors to 30 tonnes, chain to 4-1/2 inches and water depths in excess of 200 metres.

110 is suitable for anchors to 30 tonnes. Its elongated aperture is especially suited to anchors such as Stevin NMD which have tall, narrow shank cross section.

## Permanent Wire Chaser (210/213/214)

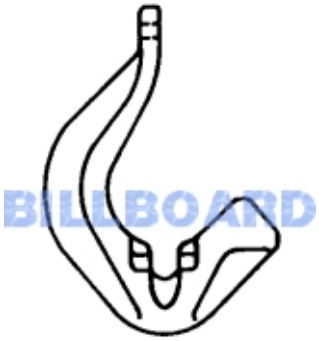


To provide a chasing system for semi-submersible drilling rigs equipped with wire rope mooring cables for drilling in deeper waters.

The rocker has two opposing wire grooves, and when the chaser is engaged with the mooring cable, the wire slides through one of these grooves irrespective of the angle which the chaser makes with the mooring.

It is used world-wide with single and twin shank anchors on wire only and wire/chain combination moorings.

## J-Lock Chaser (115)



J-Lock Chaser is for use with deep-penetration twin shank anchors.

The J-shape permits catching the anchor chain after the anchor has been installed. This means that this chaser can be used to assist in unforeseen circumstances.

The well-balanced and 'guiding' design of the chaser enables catching the chain when the chaser approaches a mooring at the point where the catenary angle is as high as 45 degrees.