

Chain Chasers Datasheet

A chaser is a tool used in the recovery of embedded anchors which have been deployed by the buoy and pennant method, where the pennant has been broken and the buoy has drifted away.

Chasers are made deliberately from a material which is not as hard wearing as the chain itself. This is to ensure that when towed or 'chased' down the chain, the chaser does not wear or damage the chain.

Type	A	B	C	D	E	G	H	P	W	L	
101	2438	1829	---	699	305	124	86	250	1882	100	A = Total Height
102	1657	1143	991	762	305	124	86	250	1088	100	B = Total Width
106	1702	1168	991	762	381	130	99	250	1451	130	C = Inside Height
107	1886	1143	1080	762	305	124	86	250	1238	100	D = Inside Width
108	1931	1168	1067	762	381	130	99	250	1656	130	E = Thickness
109	1778	1372	---	---	---	114	86	150	1351	100	G = Eye Thickness
110	1867	1245	1130	838	330	130	99	250	1433	130	H = Eye Hole
111	1994	1245	1130	838	330	130	99	250	1742	130	P = Proof Load
115	2083	1486	1486	711	533	124	86	250	1778	100	W = Weight in Kg
117	2032	921	1067	711	356	130	90	250	1478	130	L = SWL in tonnes
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 tonnes

J' Chain Chaser (101)



The chain chaser is dropped on a work wire from the winch of the vessel and once reaching the seabed, is manipulated to snag the anchor chain.

Once in place, the chaser is then towed (or 'chased') across the mooring catenary to the anchor shank and flukes itself, which enables the tug or support vessel to winch the anchor from the seabed.

Chain Grapnel (109)



Used specifically for the recovery of chains which have become detached from the main buoy or have been detached from the ships chain locker.

All grapnels are made from high tensile steels and welded using procedures approved by IACS certifying bodies. The grapnels can be supplied for recovery of chain weights up to 300te.

Permanent Chain-Lock Chaser (117)



The permanent chain lock chaser locks onto the chain ahead of the anchor shackle, which means that the mooring tension can be completely relaxed.

In doing so, the result means that the winch only has to deal with the weight of the anchor itself and its potential resistance to break out.

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Detachable Permanent Chain Chaser (107/108/111)



A chaser which can 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)



The permanent chain chaser with shackle eye offers superior sliding and penetration characteristics and is suitable for use with most recognised anchor types. Such types include AC-14, LWT, Stevin, Danforth and Moorfast anchors.

Where customers have special requirements, LMS has the ability to produce permanent chain chasers to your individual requirements.

Permanent Wire Chaser (210/213/214)



Provided as 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 grooved 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 worldwide with single and twin shank anchors on wire only and wire and chain combinations.

J Lock Chaser (115)



The unique design allows the chaser to be towed along the chain in one direction and then locks onto the chain when the pulling direction of the winch is reversed. As the chaser has now locked, the chain can be pulled and any tension in the mooring line is directly transferred to the chaser itself.

It is therefore a safer option to use a J Lock Chaser as there is no slippage.

The J shape allows for the catching of the anchor chain after the anchor has been installed. Due to the chasers excellent design and performance, it enables for the catching of the chain when the chaser approaches a mooring at the point where the catenary angle is as high as 45 degrees.