

DISCARD CRITERIA Reid™ Plate Anchor Lifting Clutch & Reid™ SwiftLift™ Lifting Clutch



1. **Discard criteria are published for the visual checking of SwiftLift lifting clutches by any user on an ongoing basis. Ramsetreid require that all such lifting clutches are tested by a competent facility, to twice the working load limit on these occasions:**
 - a. Annually
 - b. Whenever the user believes any clutch may have been overloaded.
 - c. Whenever the user believes the lifting may fail to meet the criteria below and wishes a further opinion on the need to discard.

Please note: AS3850.1:2015 & The New Zealand Rigging - Approved Code of Practice for Load-lifting Rigging (Section 5.12) requires that all lifting clutches shall be proof tested to two times the WLL annually.

The Specific Discard Criteria

2. The lifting clutch must remain true to the dimensions and form in the drawings attached, with the exceptions listed below (items 4 to 6) – that means showing no measurable distortion in either the handle.
3. The crown of the handle – dimension (D) – may lose up to 20% of its depth by metal displacement by point of loading of lifting shackles or hooks, at the centreline of the clutch, except for 7ELALE which is limited to 10% of the original diameter. [Refer to the Critical Measurements Tables below.](#)
4. The loop through the sphere or torus - dimension (E) – may lose no more than 10% of diameter due to wear. [Refer to the Critical Measurements Tables below.](#)
5. The slot in the sphere of a SwiftLift Foot Anchor Clutch – dimensions (H) and (M) – **must not exceed the maximum and minimum dimensions given in the Critical Measurements Tables below.**

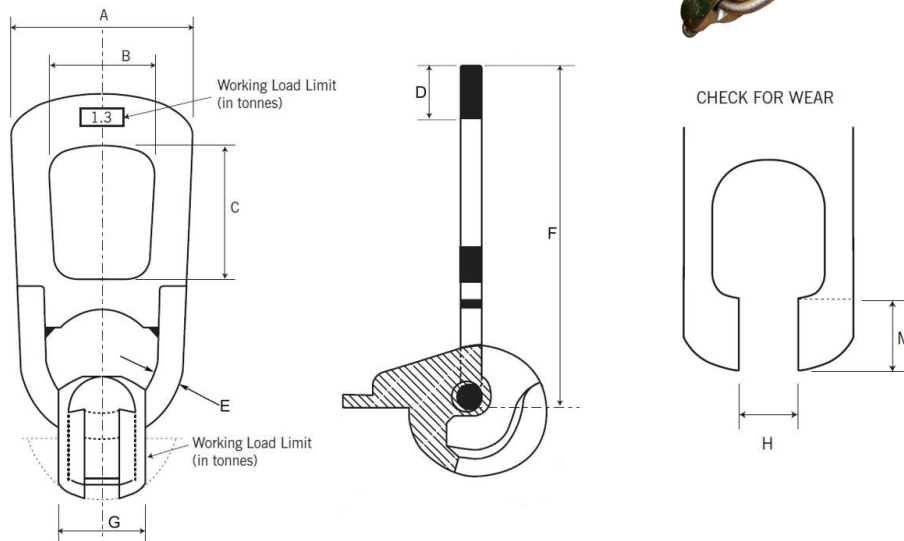
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6. The slot in the sphere of a SwiftLift Foot Anchor Clutch – dimensions (H) and (M) – must not exceed the maximum and minimum dimensions given in the Critical Measurements Tables below.
7. The slot in the Torus of a Reid Plate Anchor Clutch – dimensions (TM) and the thickness of the locking ring (LR) – must not exceed the maximum and minimum dimensions tabulated given in the Critical Measurements Tables below.
8. Additional reasons for discarding any lifting clutch are as follows:
 - a. Any sign of cracking at any point.
 - b. Any failure to accept a normal anchor.
9. It is common for lifting clutch handles to be bent slightly under site conditions. If the angle of bend is greater than five degrees, the lifting clutch should be discarded.

Advice And Testing

10. Where any doubt exists, contact your Ramsetried Area Manager or local branch for guidance.

SwiftLift Foot Anchor Clutches

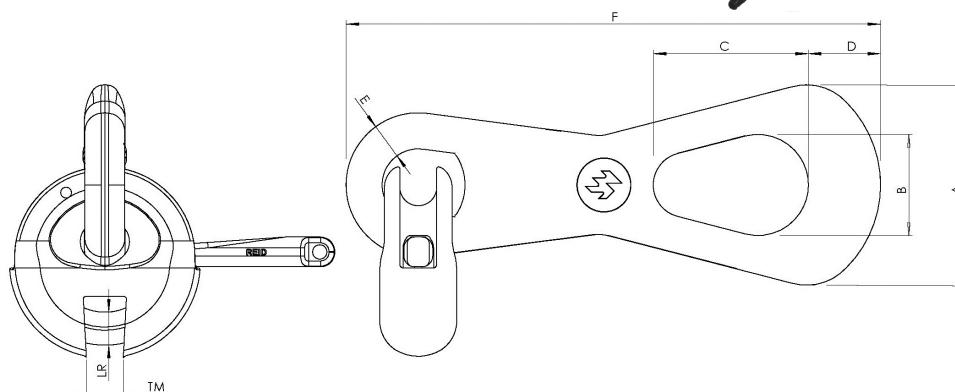


Clutch	Working Load Limit, (tonnes)	Nominal Dimensions (mm)						
		A	B	C	D	E	F	G
1LE	1.3	75	48	71	21	12.5	164	32
2LE	2.5	98	64	85	25	14.5	205	42
5LE	5.0	118	70	90	38	20	237	57
10LE	10	160	95	121	51	28	348	73
20LE	20	186	118	150	74	38	441	110
32LE	32	269	175	189	100	42	584	153

Critical Measurements (mm)			
H max	M min	D min	E min
13.0	5.5	17	11.5
18.0	5.5	20	13.0
25.0	8.0	30	18.5
32.0	12.0	36	26.0
46.0	18.0	56	36.0
58.0	24.0	80	40.0

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SwiftLift Foot Anchor Clutches



Clutch	Working Load Limit, (tonnes)	Nominal Dimensions (mm)						Critical Measurements (mm)			
		A	B	C	D	E	F	TM max	LR min	D min	E min
2ELALE	2.0	95	55	67	35	14	265	13.5	12.0	28	12.5
SJLLC	3.0	95	55	68	35	14	230	13.5	12.0	28	12.5
SJHLC	7.0	85	56	85	41	19	296	21	15.5	33	17.0
7ELALE	7.0	80	44	70	18	18	215	21	15.5	15.5	16.0
3DX85LC	8.5	85	56	85	41	19	296	23	17.5	33	17.0
SJULC / 10ELALE	10t	1132	60	80	65	25	345	23	19.0	52	22.0

Note: Ramsetreid reserve the right to change the above specifications.

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