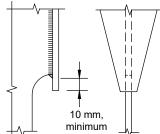
## Liftech

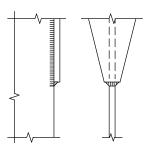
### **FATIGUE DETAIL GUIDELINES**

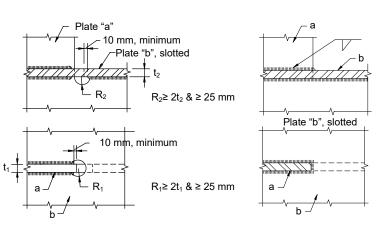
/ERSION 2.0. NOVEMBER 2014

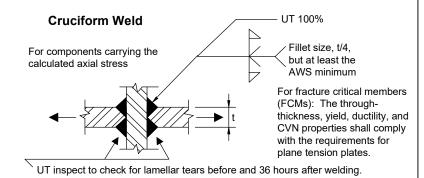
# **Acceptable** Not Acceptable 10 mm, minimum 10 mm, minimum

## Acceptable Not Acceptable







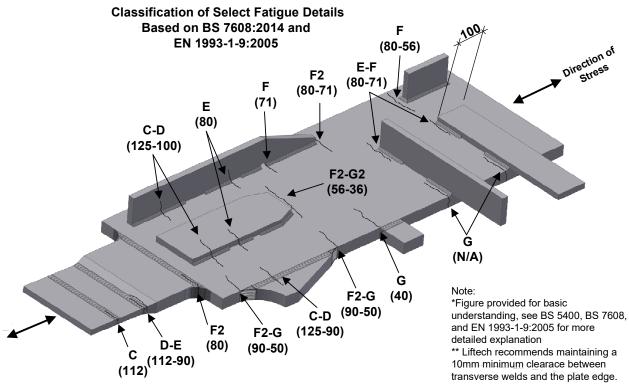


#### **Relative Fatigue Life**

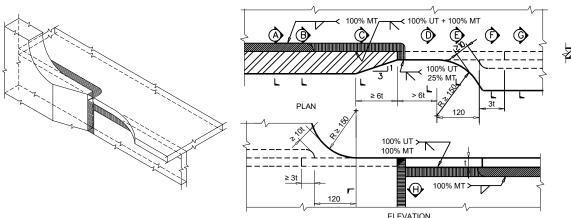
	Compared to Class					
Class	Class	D	Е	F	F2	G
Considered Cla	D	1.00	1.46	2.41	3.35	80.6
	Е	0.68	1.00	1.65	2.42	4.16
	F	0.41	0.61	1.00	1.47	2.52
	F2	0.28	0.41	0.68	1.00	1.71
Ö	G	0.16	0.24	0.40	0.58	1.00

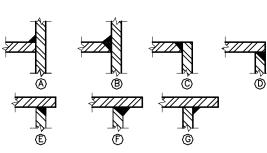
Note: Based on BS 7608:2014, and reliability of 97.8%

Example: For a given location on a crane, the fatigue life of a class F detail is expected to be 2.52 times that of a class G detail



#### **Avoidance of Wraparound Weld**





Note: Welds shall conform to the most recent edition of AWS D1.1, including the requirements for cyclically loaded

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