

# EVALUATION FUNCTION FOR FI

We evaluation flaw in according with ASME Section VIII, Division

Defect No.	S	a	l	t	a/l	a/t
1	1	3	20	38	0.1	0.079

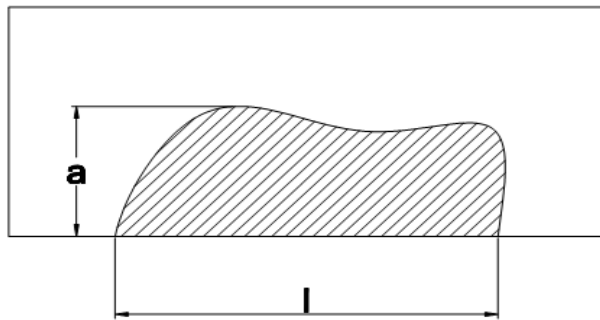
FIGURE 7.11

\* If  $S \leq a$ , Surface Indication

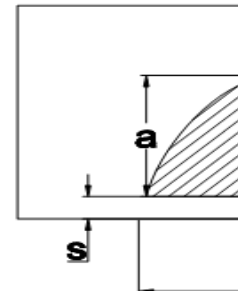
(May or may not surface connected)

\*If  $S > a$ , sub

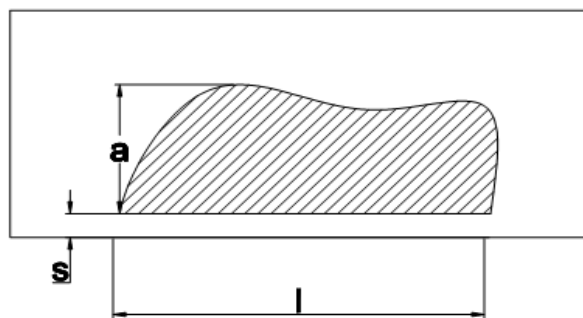
(Never Conn



$s=0$   
surface indication



$s > a$   
sub



$s \leq a$   
surface indication

# LAW PAUT

2 Code-Table 7.10 & figure 7.11

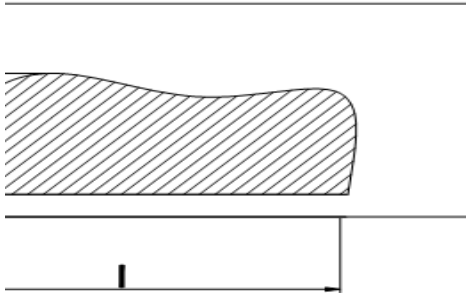
Result ACC/REJ	Type of Defect
REJ	SURFACE

**TABLE 7.10**

Thickness Between 25  
less than or equal to

Flaw Aspec Ratio a/l	SURFACE a/t
0.00	0.031
0.05	0.033
0.10	0.036
0.15	0.041
0.20	0.047
0.25	0.055
0.30	0.064
0.35	0.074
0.40	0.083
0.45	0.085
0.50	0.087

Surface Indication  
(relative to surface)



$l > a$   
Surface indication

mm and  
300 mm

<b>SUBSURFACE</b>	
<b>a/t</b>	
	0.034
	0.038
	0.043
	0.054
	0.066
	0.078
	0.09
	0.13
	0.116
	0.129
	0.143

<b>a/t ACC Level</b>
<b>0.036</b>