

Comparisons of Predicted SIF by FRANC2D/L with Published Results

a/W	$K_I^{(a)}$ by Displacement Correlation Method, ksi in^{0.5}	$K_I^{(a)}$ by J-integral Method, ksi in^{0.5}	K_I from Table 2.4 of Anderson Book, ksi in^{0.5}	Percent^(b) Difference (DC)	Percent^(b) Difference (J-integral)
0.25	17.23	17.41	16.74	-2.93	-4.0
0.50	33.46	34.24	33.28	-0.54	-2.9
0.75	94.92	96.43	96.38	1.51	-0.05

(a) Using FRANC2D/L (Version 1.4)

(b) Percent Difference = (Anderson Solution - FRANC2D/L Solution)*100/Anderson Solution