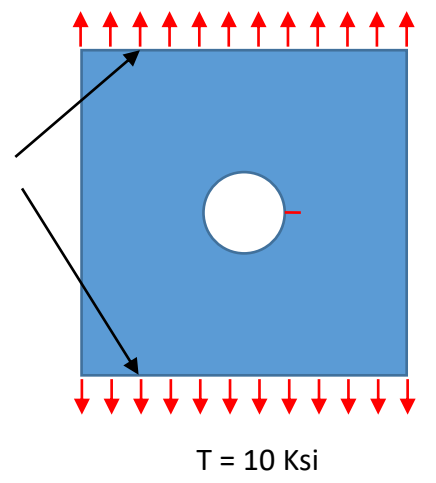


30 extraction points along the crack front (minimum)

Uniform traction on ends

Material Properties:
 $E = 10.4e6$
 $\nu = 0.3$



For finite-width plate $L = 3W$
 Report format (parametric angle, K1)

Condition #	Surface Crack Length (c) (inches)	Bore Crack Length (a) (inch)	a/c	Crack Configuration	Width (inch)	Thickness (inch)	a/t	Hole Diameter (inch)	W/D	r/t	Hole Offset (inch)	Loading	Reference Stress (ksi)	Notes
1	0.050	0.050	1.00	Double Symmetric Corner Cracks	100.00	0.25	0.20	0.50	200.0	1.00	50.00	Tension	10.00	Infinite Plate, Double Crack
2	0.050	0.050	1.00	Single Corner Crack	100.00	0.25	0.20	0.50	200.0	1.00	50.00	Tension	10.00	Infinite Plate, Single Crack
3	0.050	0.050	1.00	Single Corner Crack	4.00	0.25	0.20	0.50	8.0	1.00	2.00	Tension	10.00	Finite Plate, Single Crack
4	0.050	0.050	1.00	Single Corner Crack	4.00	0.25	0.20	0.50	8.0	1.00	0.60	Tension	10.00	Finite Plate, Single Crack, Offset Hole
5	0.050	0.050	1.00	Single Corner Crack	1.20	0.25	0.20	0.50	2.4	1.00	0.60	Tension	10.00	Narrow Plate, Single Crack
6	0.050	0.075	1.50	Single Corner Crack	100.00	0.25	0.30	0.50	200.0	1.00	50.00	Tension	10.00	Infinite Plate, Single Crack, a/c=1.5
7	0.100	0.050	0.50	Single Corner Crack	100.00	0.25	0.20	0.50	200.0	1.00	50.00	Tension	10.00	Infinite Plate, Single Crack, a/c=0.5