



L1: fault length1 (flength1)

L2: fault length2 (flength2)

D: fault depth (fdepth)

θ : strike angle (fstrike)

δ : dip angle (fdip)

W1: fault width1 (fwidth1)

W2: fault width2 (fwidth2)

U1: strike (u1)

U2: dip (u2)

U3: tensile opening (u3)

$z = 0$: surface of semi-infinite medium

$z \leq 0$: inside the medium