$$\left[(\omega)_{r=0} - (\omega)_{r=R_t}\right]_{ANVIL} = \left[\left|(\omega)_{r=0} - (\omega)_{r=R_t}\right|_{z=h}\right]_{WAFER} \tag{55}$$

If the anvils are considered to be semi-infinite elastic bodies, the deflections due to a normal stress, continuously distributed within a circular region, are given in Reference (g) as

$$\left[(\omega)_{r=0}\right]_{ANVIL} = \frac{1-\nu}{G}\int_0^{R_t} \sigma_z \, dr$$

$$\left[(\omega)_{r=R_t}\right]_{ANVIL} = \frac{1-\nu}{GR_t}\int_0^{R_t} \sigma_z \, r \, dr \tag{56}$$

A combination of equations (30), (40), (55), and (56) results, after lengthy computations, in the expression shown in equation (57). The terms D_1, E_1, and H_1, appearing in (57), are defined in equations (58). The integral term ap-