SC01

$$S_1 = \frac{6M}{Wt^2}$$
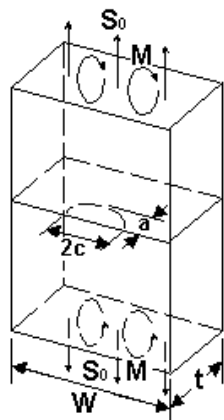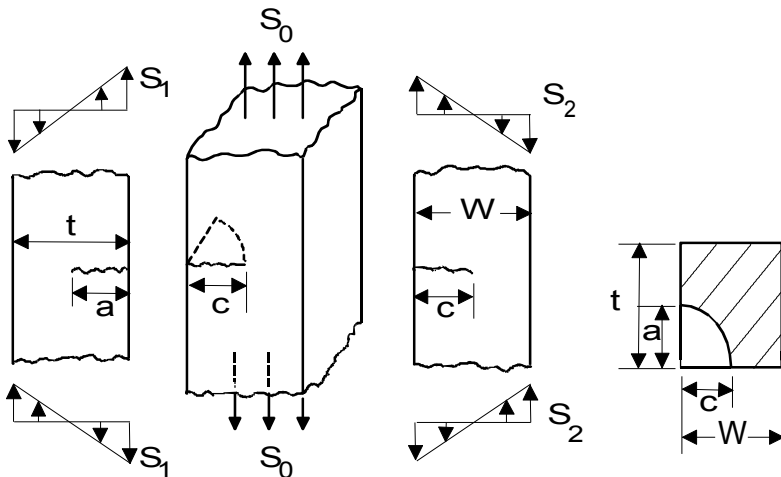
$$0 < \frac{2c}{W} \leq 1$$
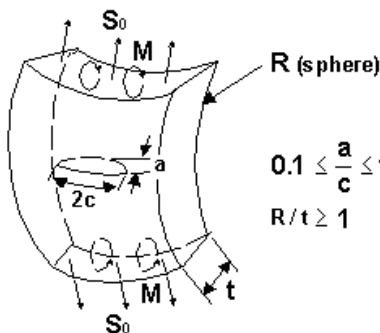
$$0.1 \leq \frac{a}{c} \leq 1.2$$

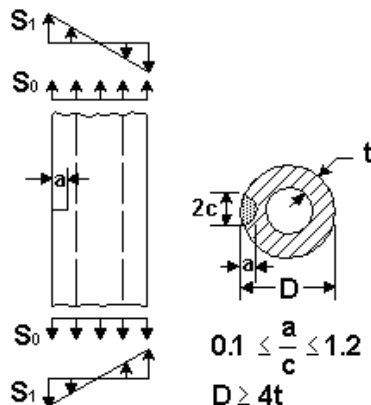## CC01

SC03

internal or external crack

R (sphere)

$$0.1 \leq \frac{a}{c} \leq 1.2$$

$$R/t \geq 1$$

$$S_1 = \frac{6M}{Wt^2}$$ $$S_4 = \text{crack face pressure, only for internal crack}$$
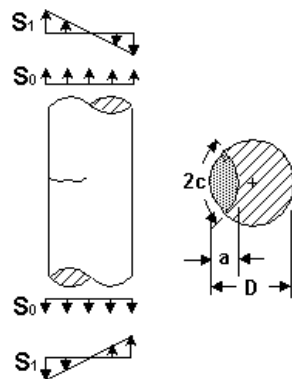
SC05

internal or external crack

$$0.1 \leq \frac{a}{c} \leq 1.2$$

$$D \geq 4t$$

SC07

$$a < 0.5\,D$$

$$a = D/2\,(1 + \tan(2c/D) - \sec(2c/D))$$