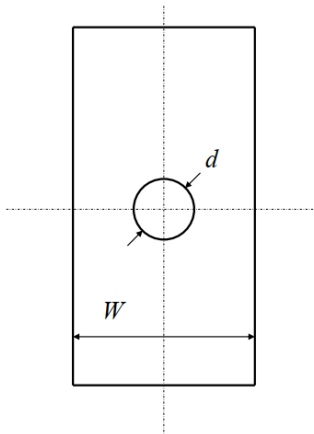


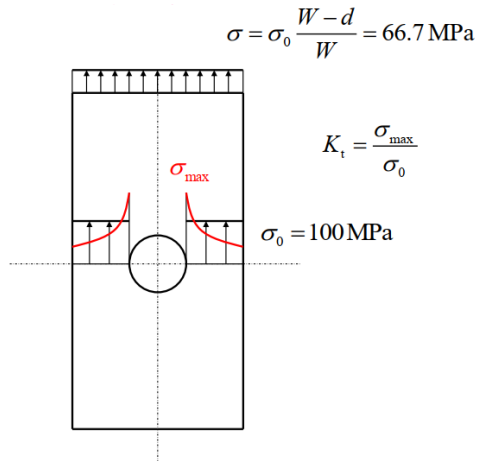
Plane stress



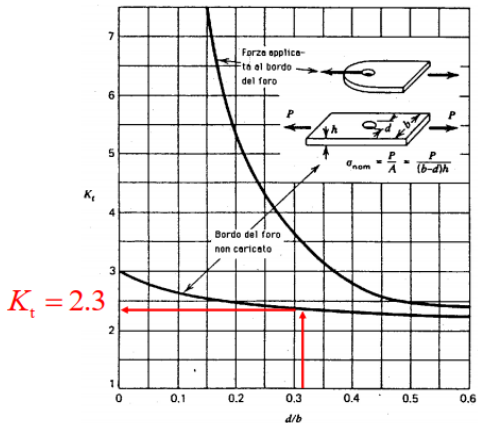
$$K_t = ?$$

$$W = 30 \text{ mm}$$

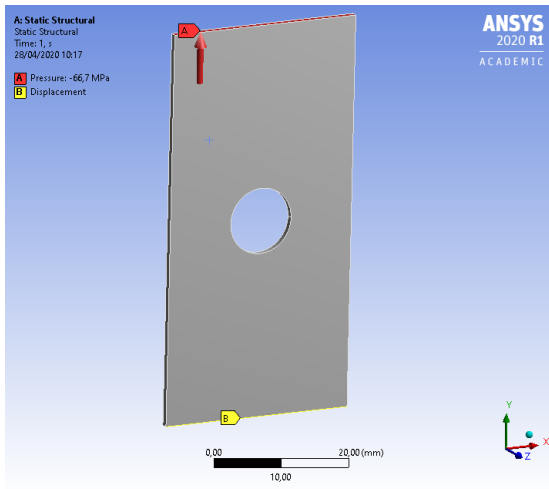
$$d = 10 \text{ mm}$$



R.C. Juvinall, K.M. Marshek – Fundamentals of machine component design – Wiley



$$d/W = 0.333$$

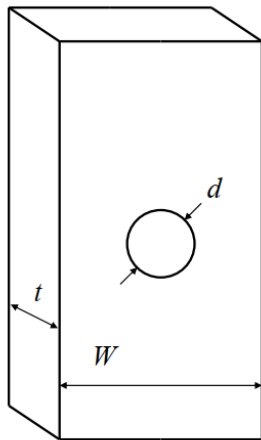


Plane strain

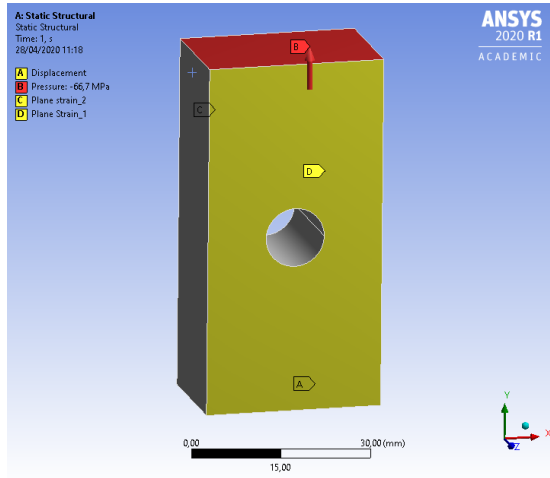
$$W = 30 \text{ mm}$$

$$d = 10 \text{ mm}$$

$$t = 20 \text{ mm}$$



t, d confrontabili



Problemi affrontati

- Calcolo K_t
- Soluzione Plane Stress, Plane Strain e 3D

Funzioni del programma esaminate

- Descrizione comandi base (e.g. mesh, vincoli, carichi, visualizzazione dei risultati di tensione, visualizzazione dei risultati di errore sulla tensione)
- Confronto dei risultati numerici con valori di riferimento (e.g. risultati analitici, risultati sperimentali)
- *Remote Displacement*
- Tool di convergenza della soluzione
- Utilizzo del *Path*