

Ensaio de Impacto

Fratura Frágil

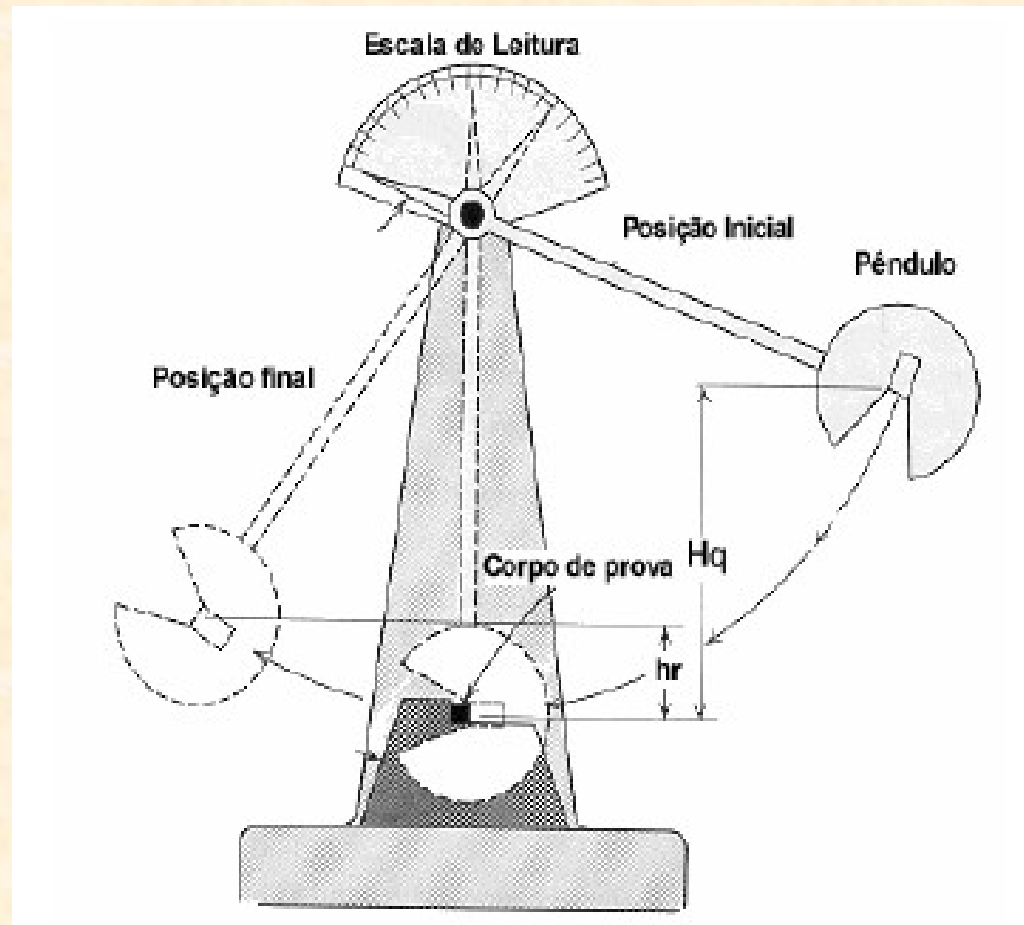


Fatores que contribuem para o surgimento de fratura frágil:

- existência de um estado triaxial de tensões;**
- baixas temperaturas;**
- taxa ou velocidade de deformação elevada.**

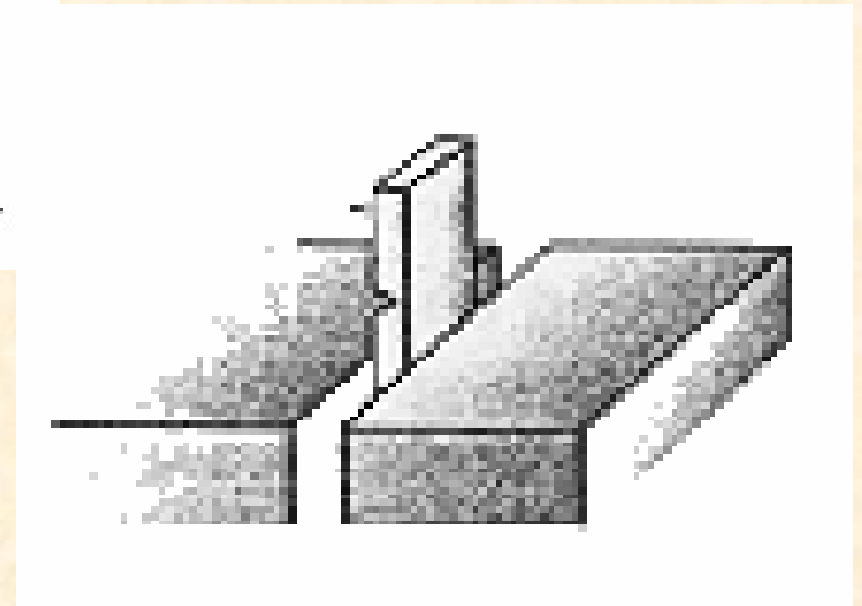
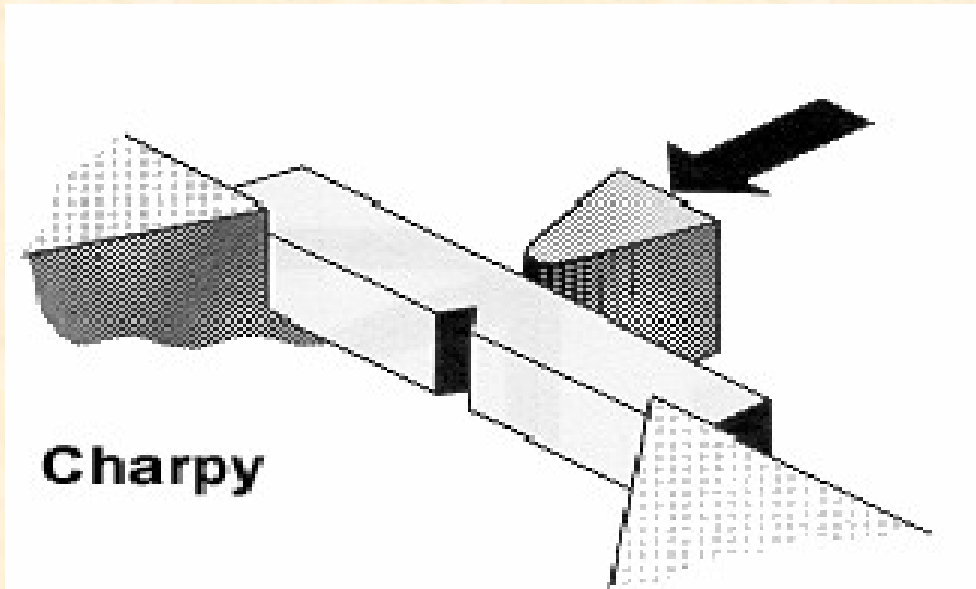
Ensaio de Impacto

Ensaio dinâmico empregado para análise de fratura frágil em materiais.

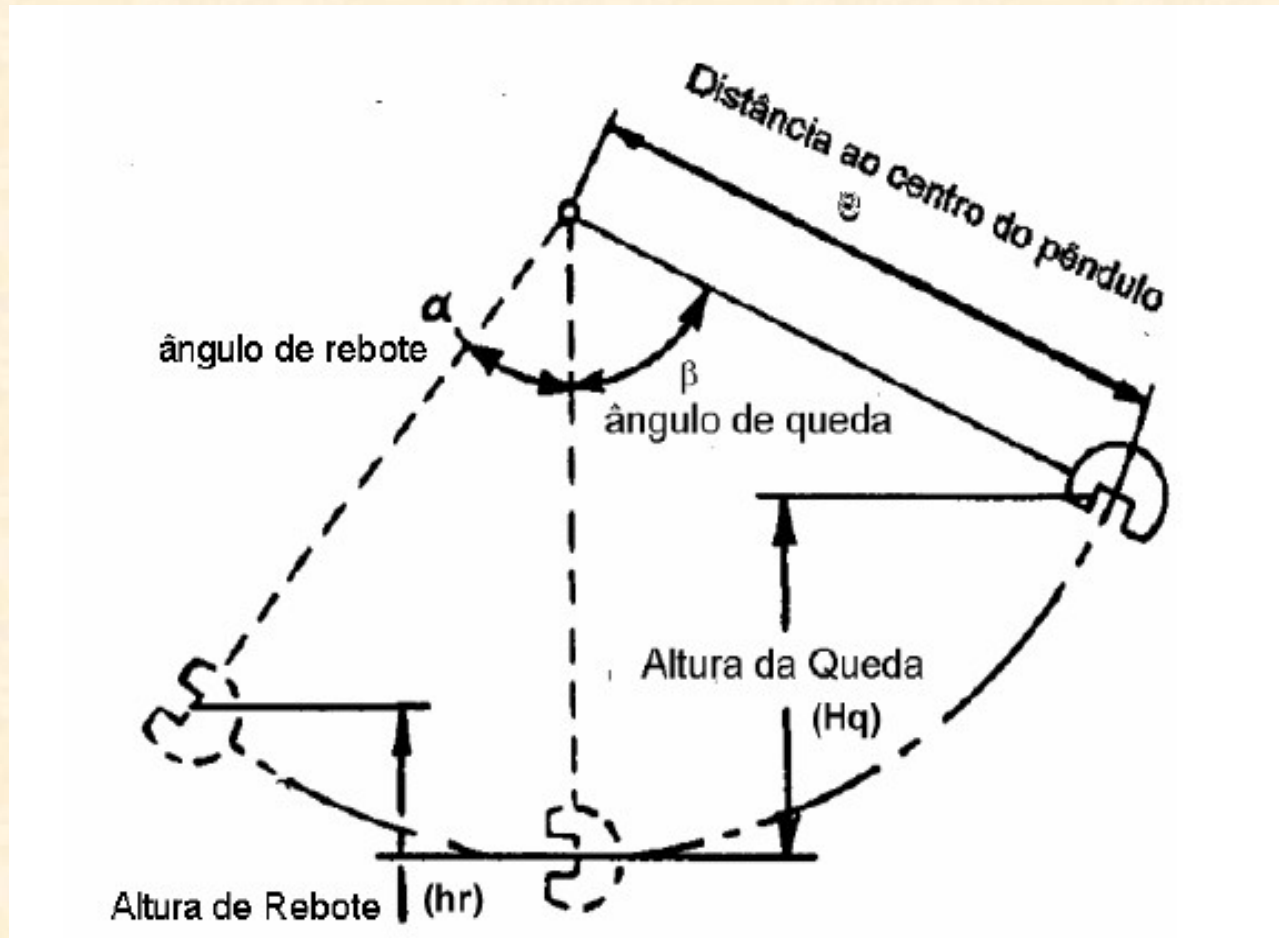


Tipos de ensaios padronizados

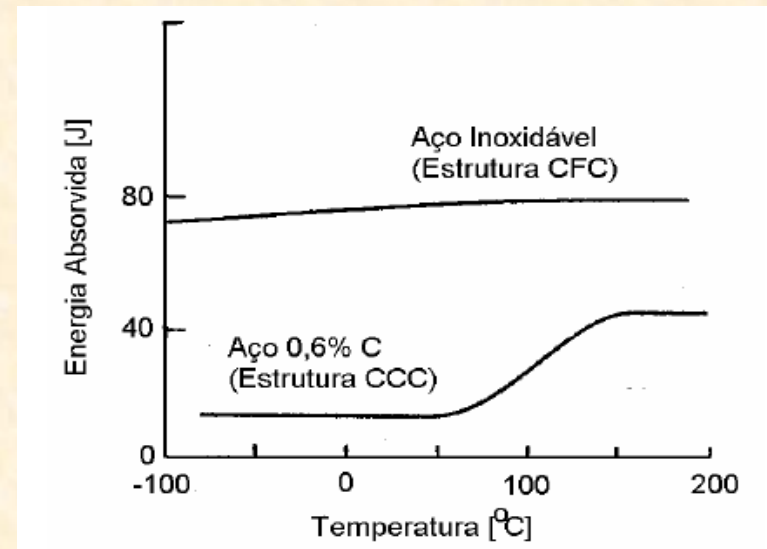
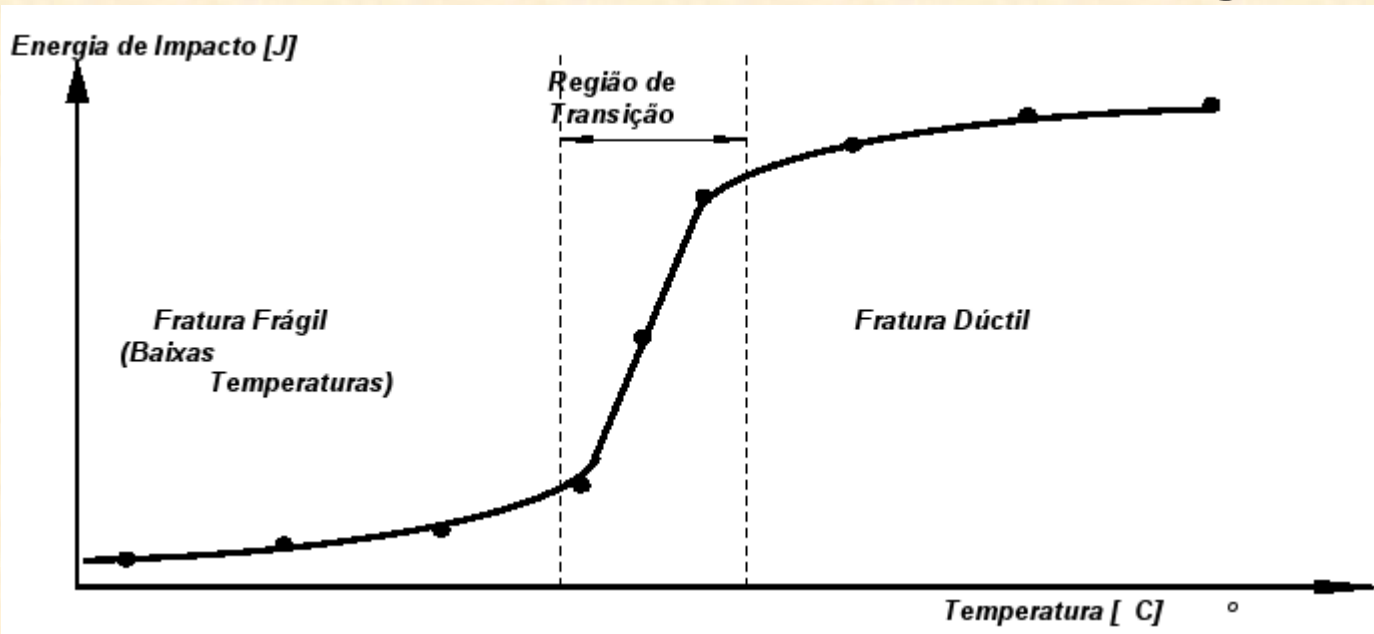
Charpy e Izod



Procedimento do Ensaio



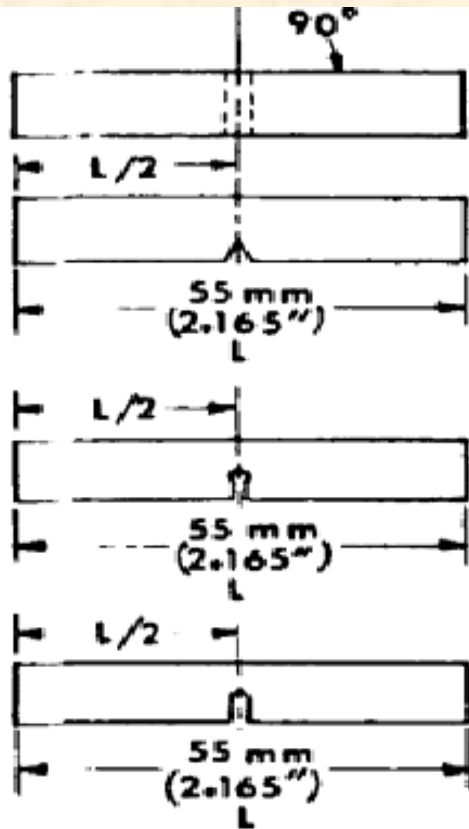
Transição Dúctil-Frágil



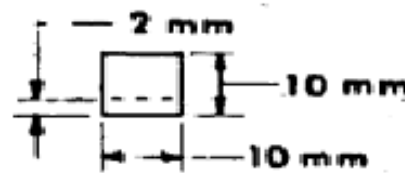
Resultados obtidos no Ensaio de Impacto

- Velocidade de impacto;**
- Energia de impacto.**

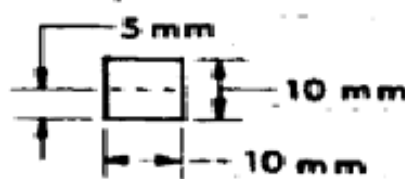
Corpos de Prova



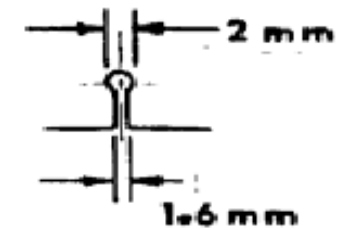
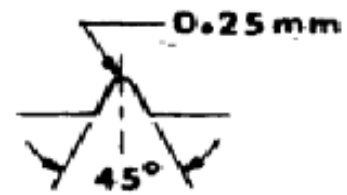
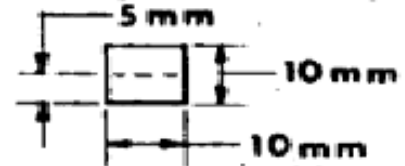
Tipo A



Tipo B



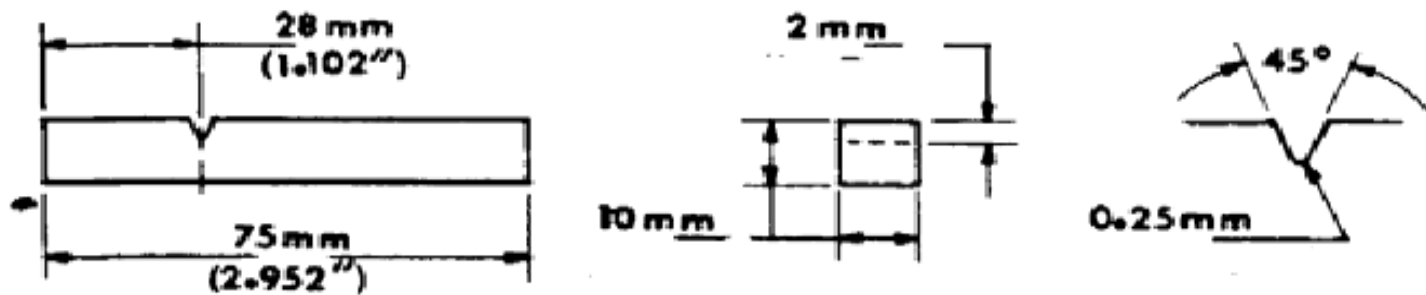
Tipo C



(A) Charpy

Corpos de Prova

Tipo D



(B) Izod