

# Desenho e Tecnologia Mecânica

LOM 3093

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Departamento de Engenharia de Materiais

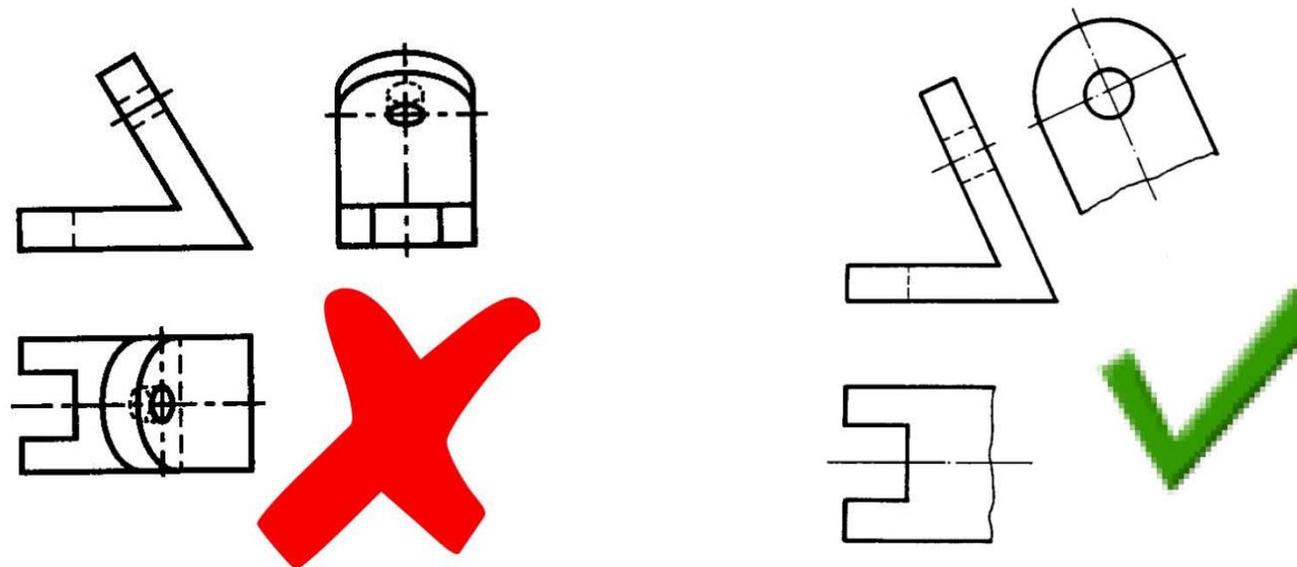
Escola de Engenharia de Lorena - USP

# AULA

# Vistas Auxiliares.

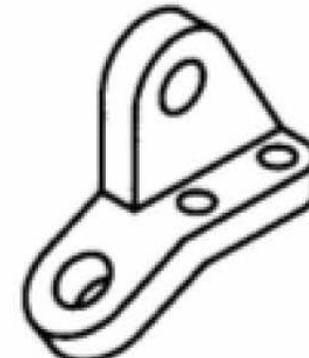
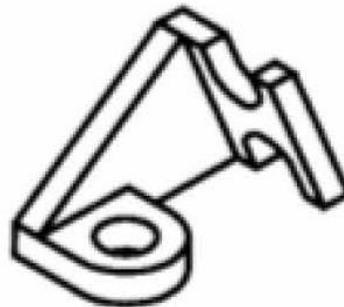
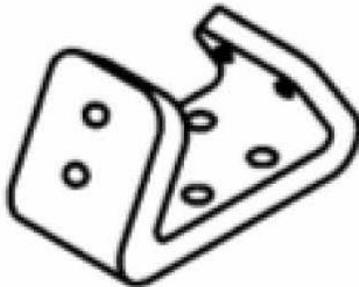
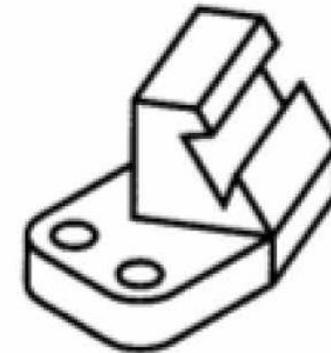
# VISTAS AUXILIARES

São as vistas que possibilitam mostrar faces oblíquas de peças de maneira que não fiquem distorcidas.

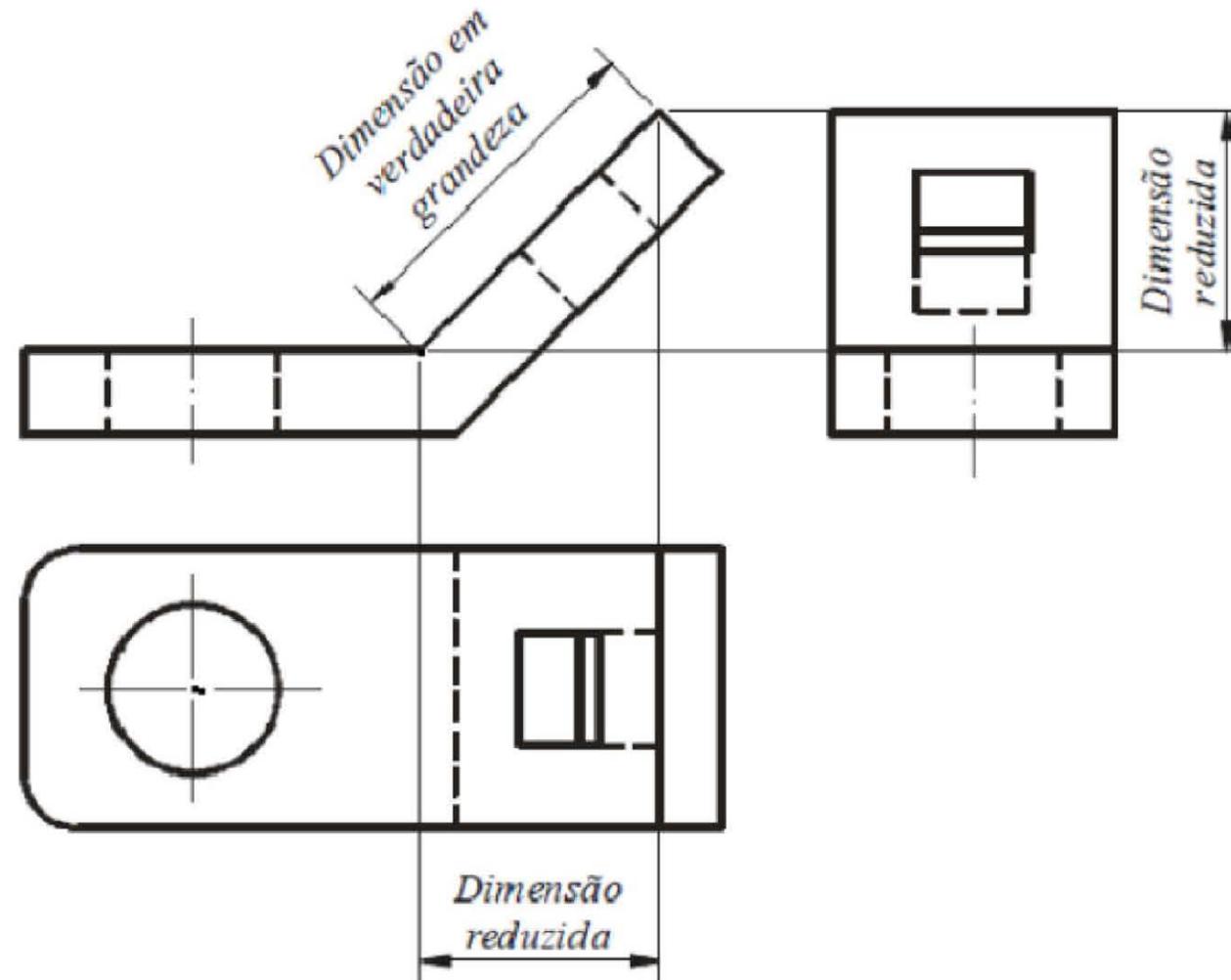


## Onde usar?

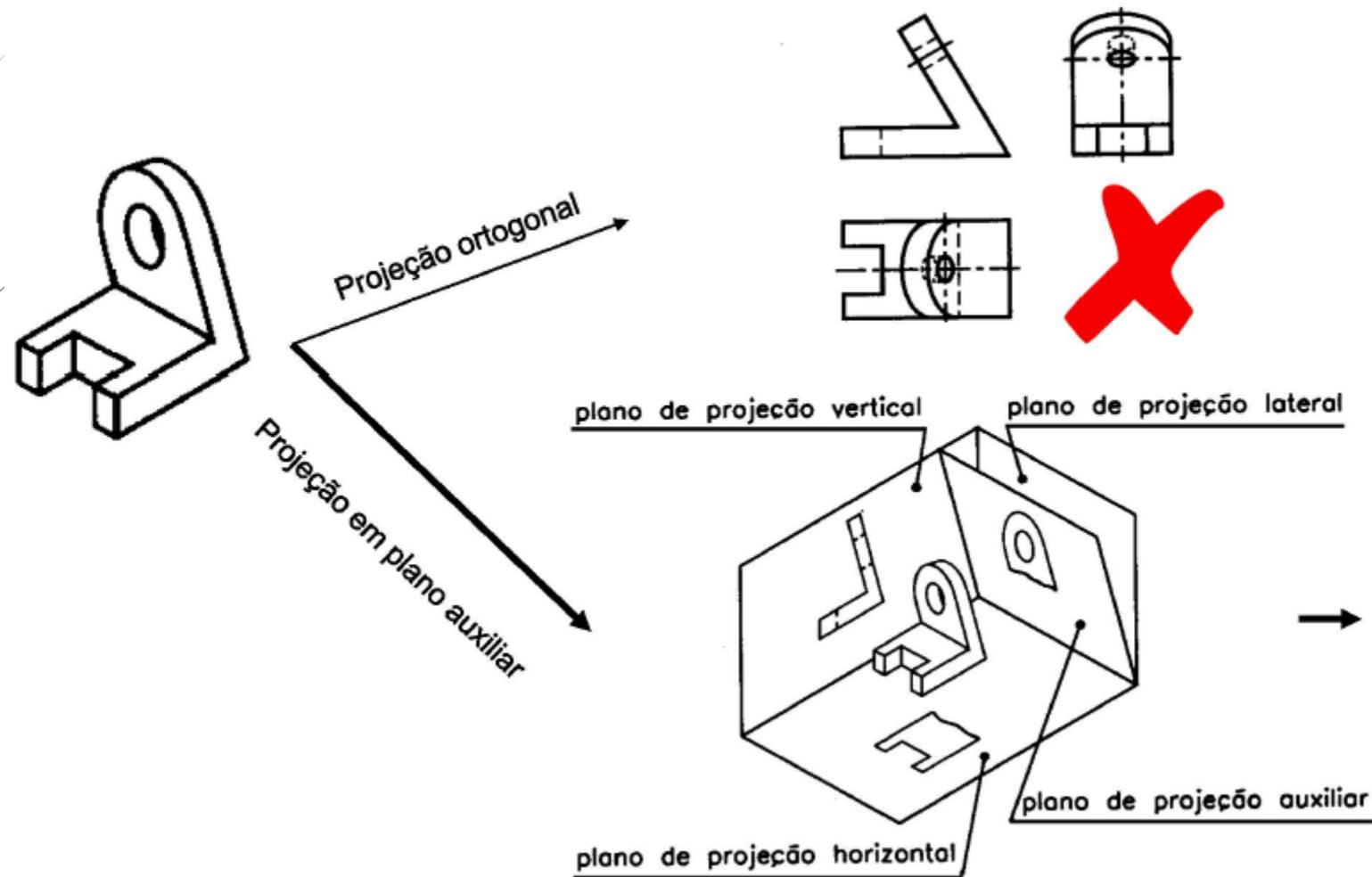
É necessário usar as VISTAS AUXILIARES em peças cujas projeções ortogonais ficarão distorcidas devido a uma (ou mais) face(s) oblíqua(s) ou onde se deseja representar uma vista em verdadeira grandeza.



# Exemplo

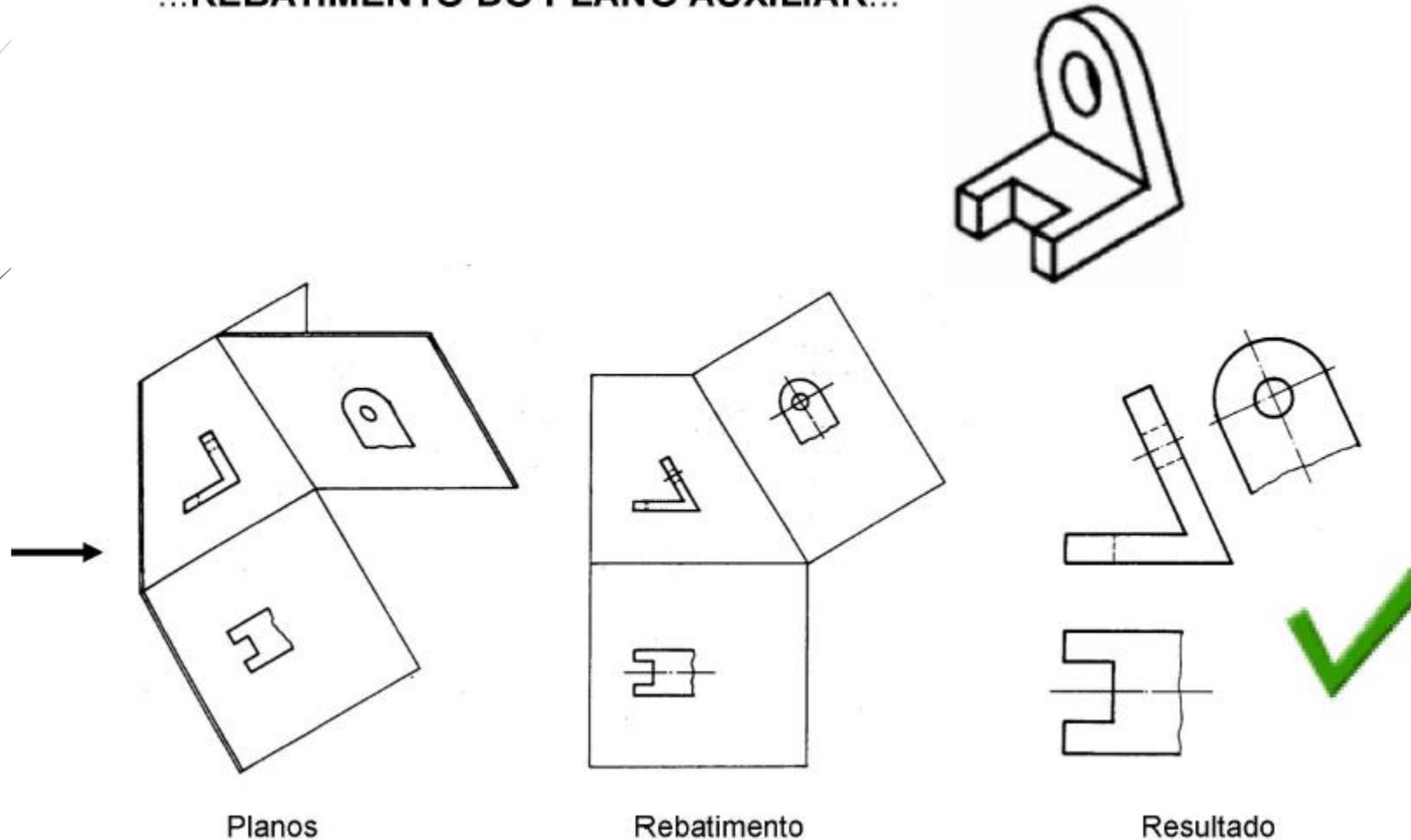


# Criando as Vistas Auxiliares



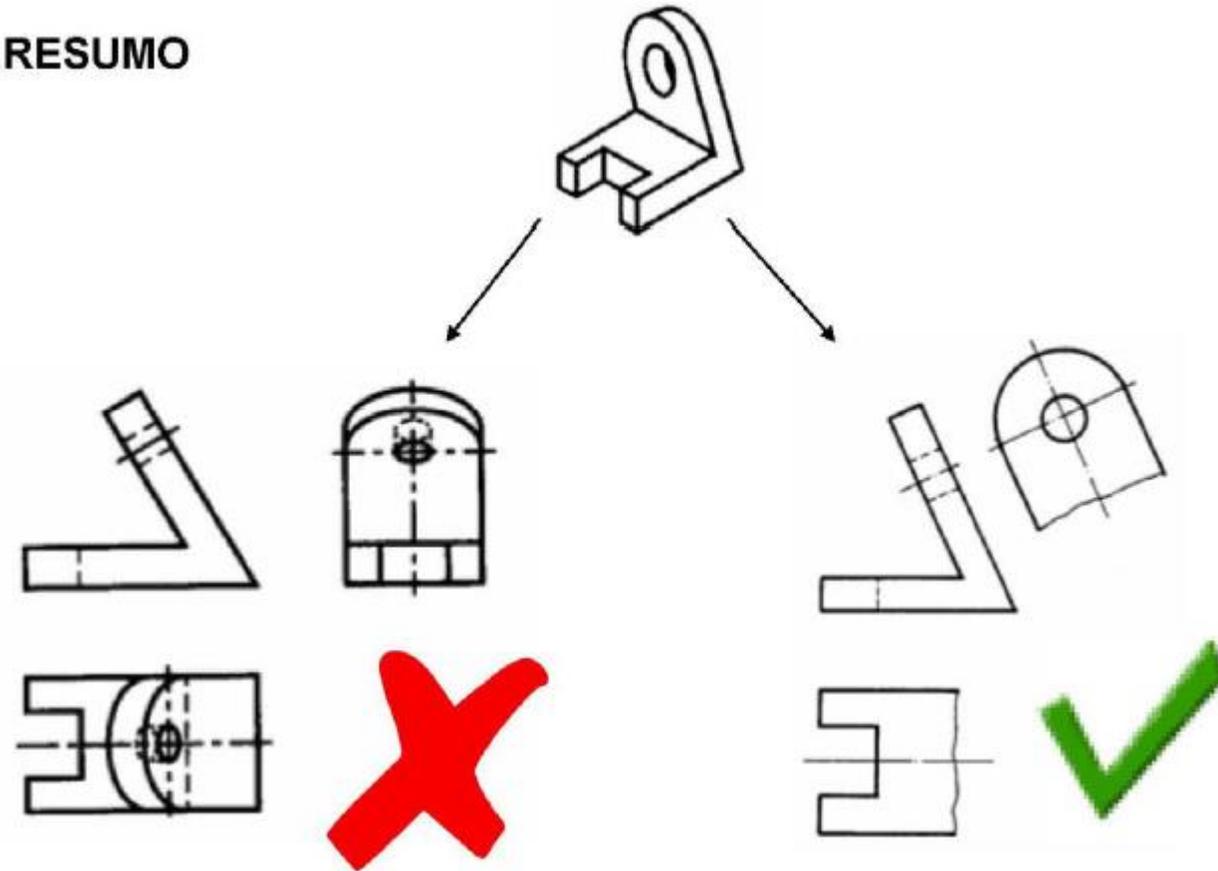
# Criando as Vistas Auxiliares

...REBATIMENTO DO PLANO AUXILIAR...



# Criando as Vistas Auxiliares

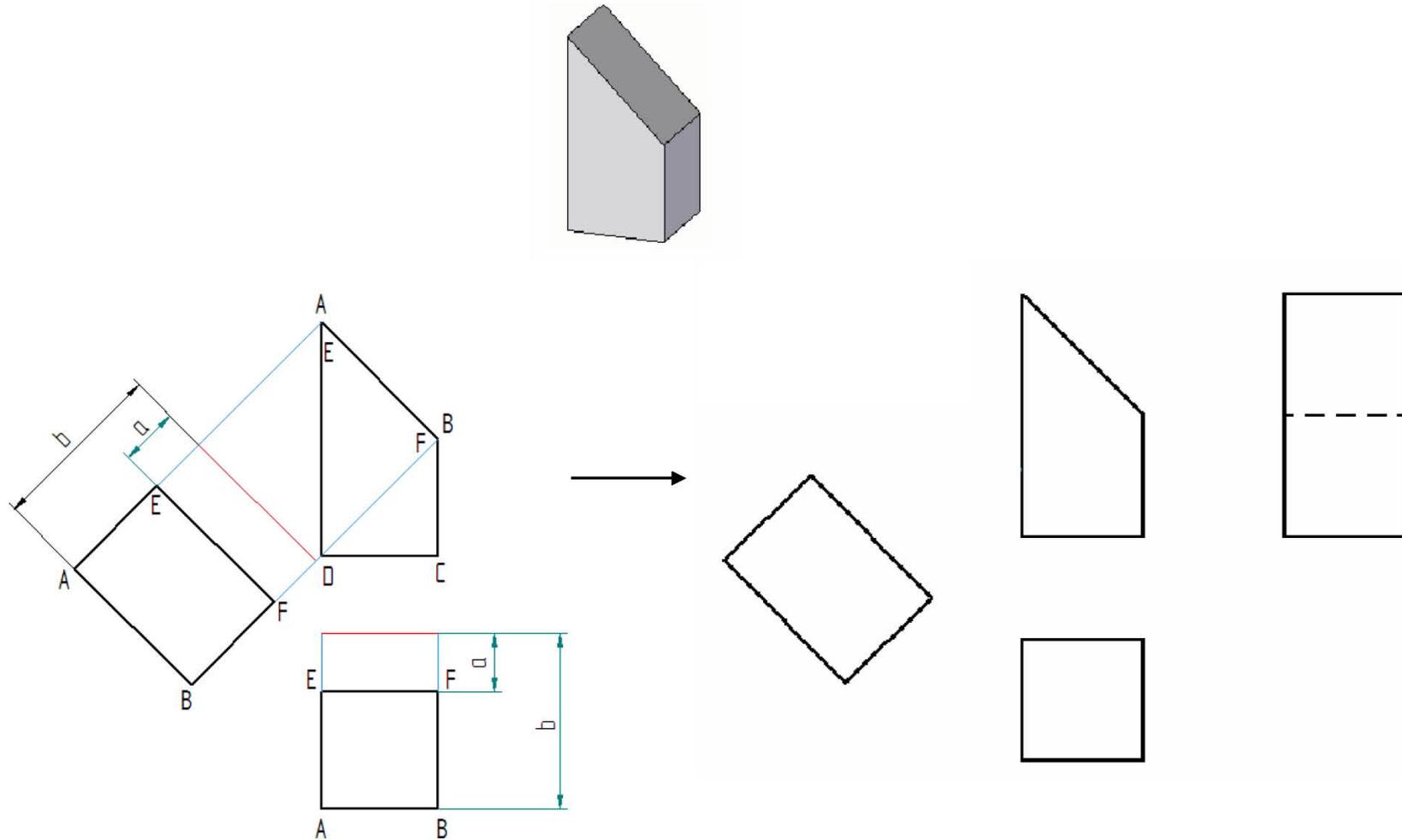
...RESUMO



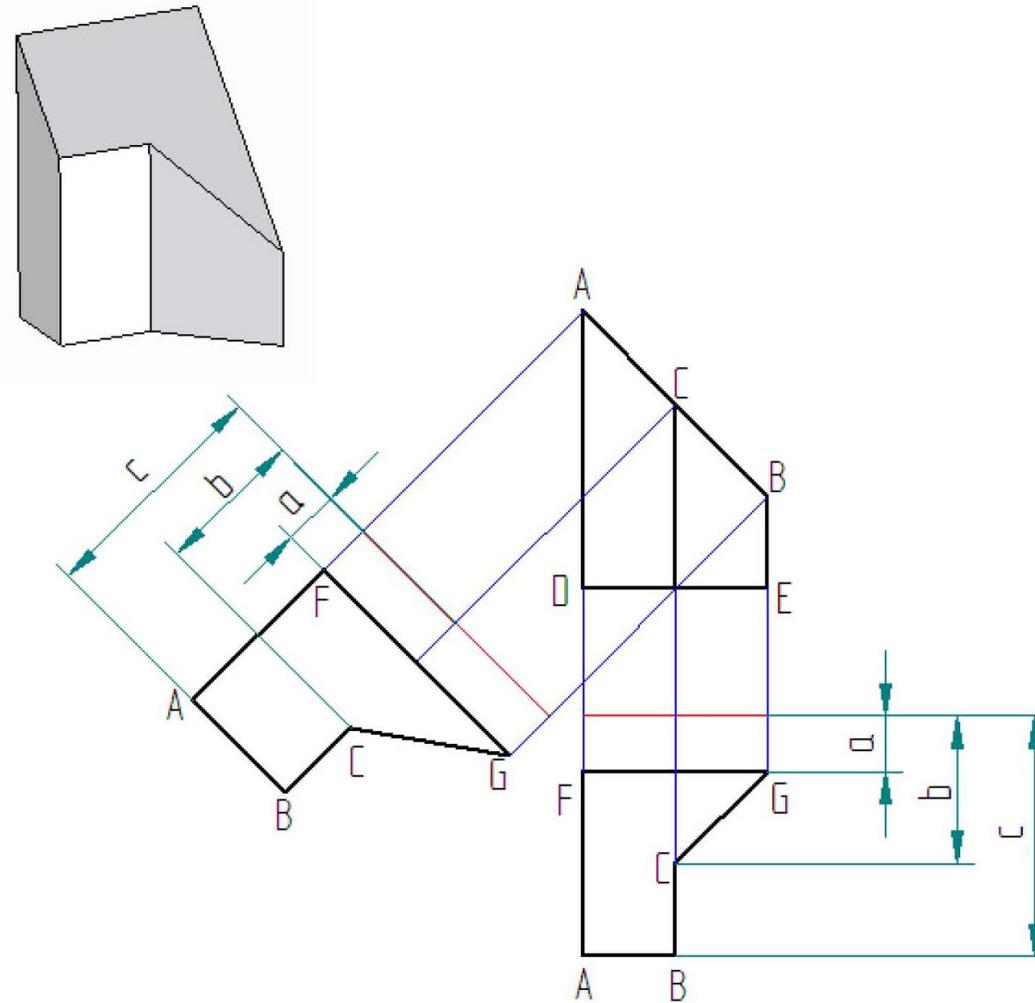
Projeção – plano ortogonal

Projeção usando plano auxiliar

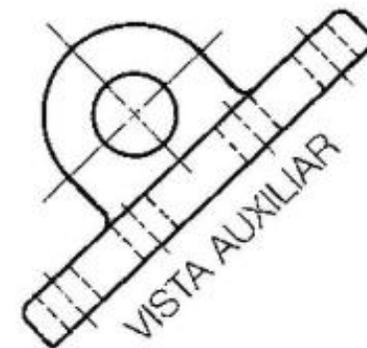
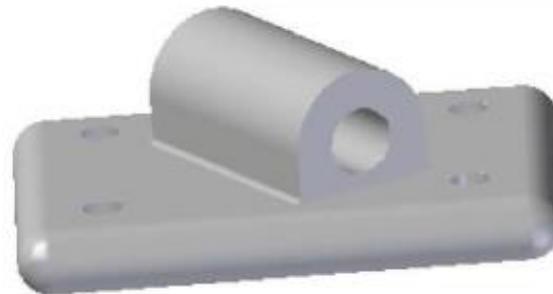
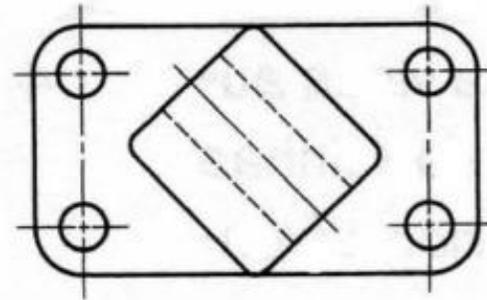
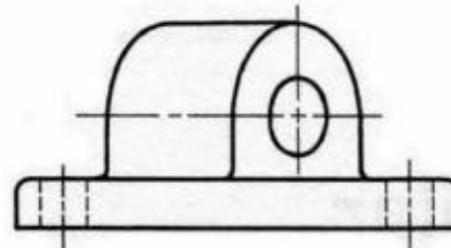
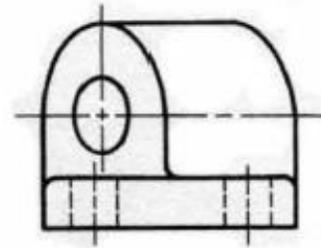
# Exemplo



# Exemplo

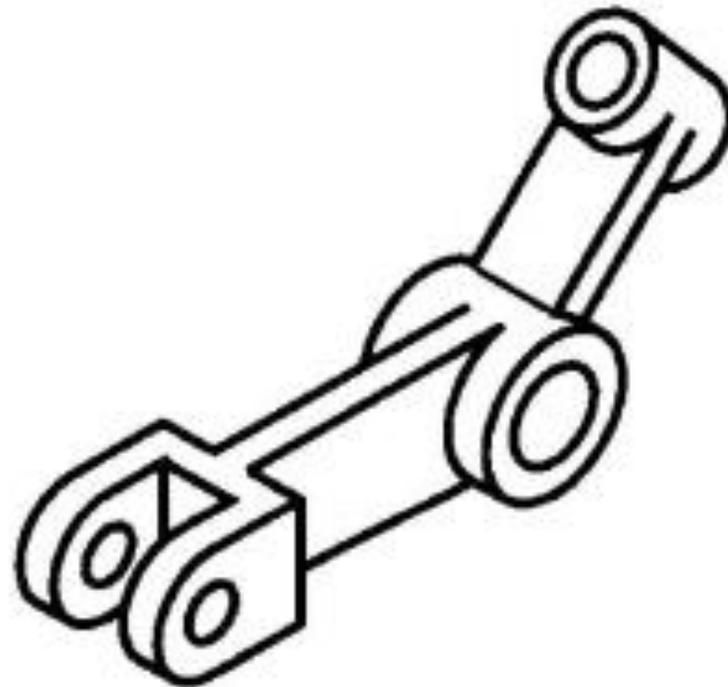


# Exemplo

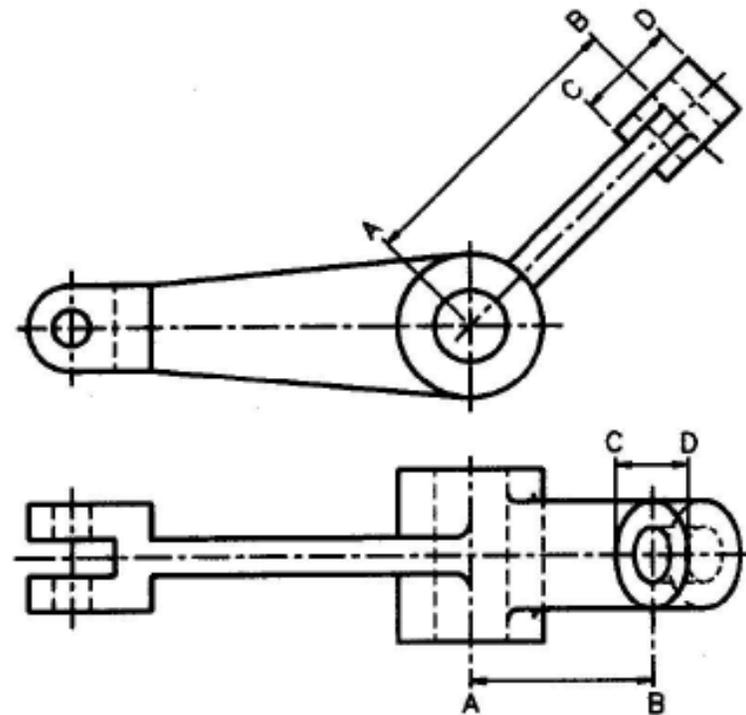


# PROJEÇÃO COM ROTAÇÃO

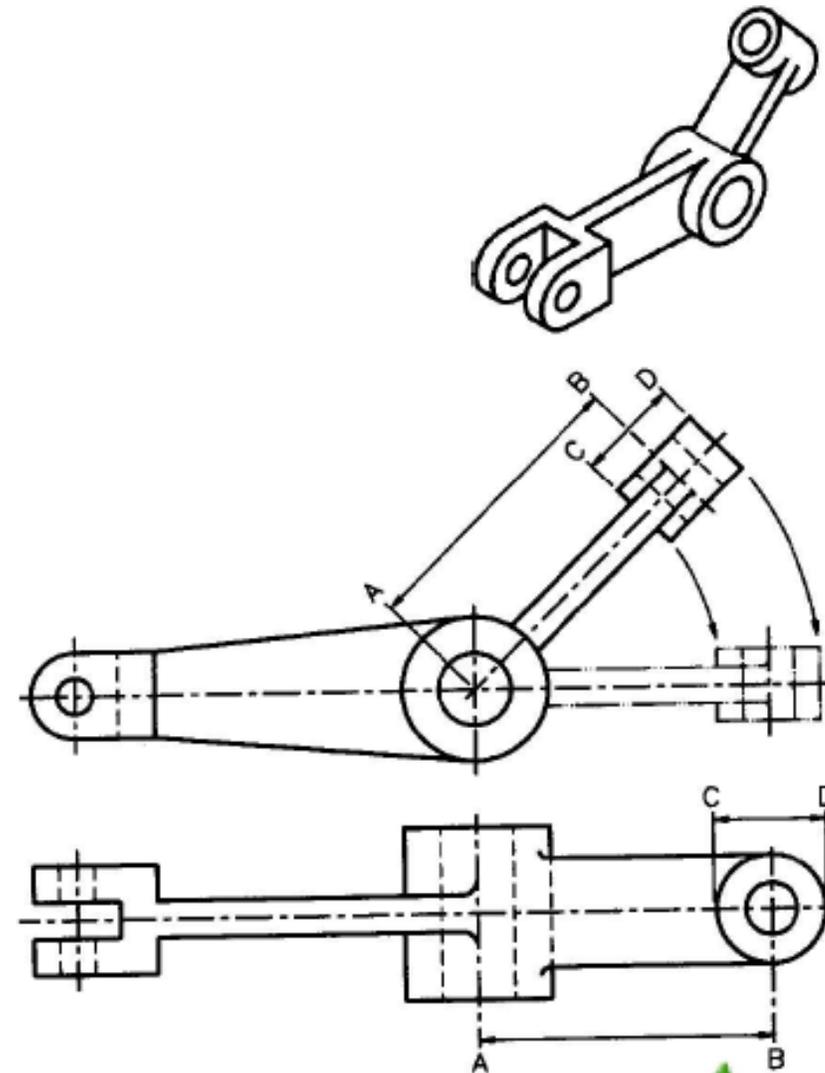
É rotacionar virtualmente um ou mais elementos de uma peça a fim de que as projeções ortogonais não fiquem distorcidas, sendo necessário existir um eixo de rotação na peça.



# Exemplo



Normal: *inadequado*

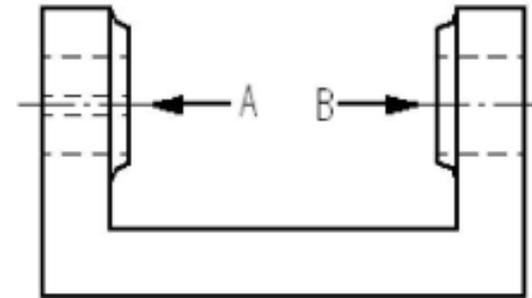
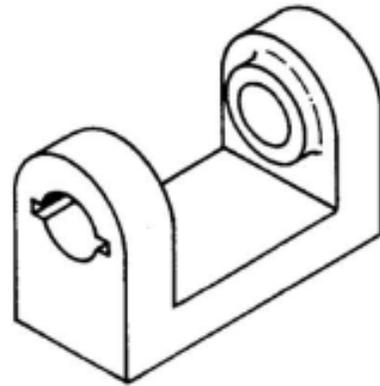


com Rotação

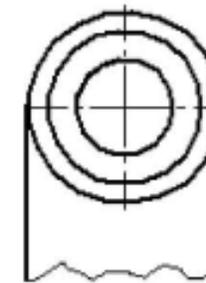


# VISTAS ESPECIAIS

São projeções com posição do observador indicada por setas e letras quando não representadas na posição normal de rebatimento.

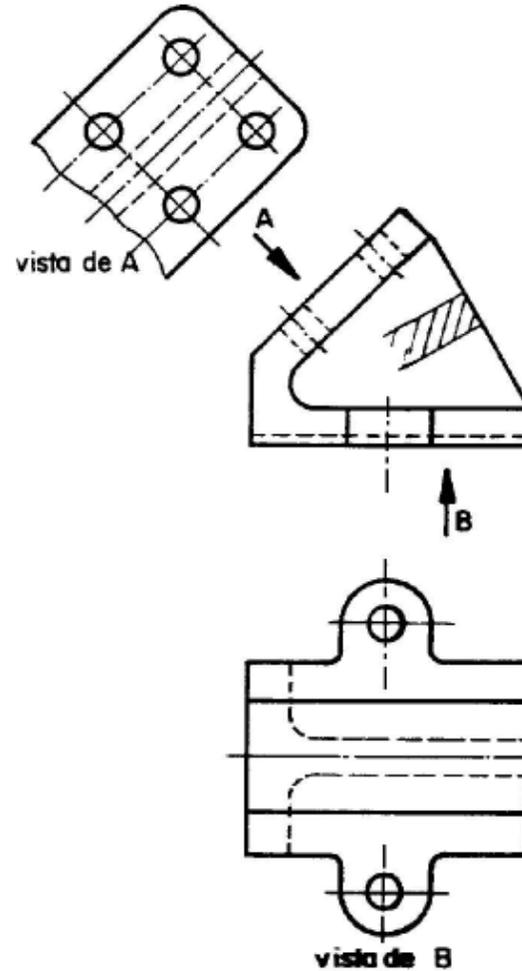
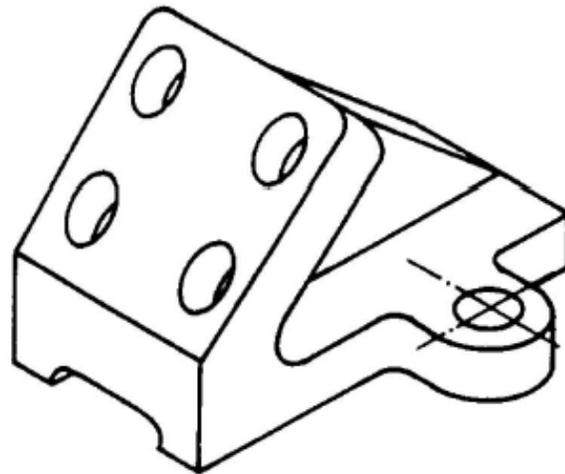


vista de A



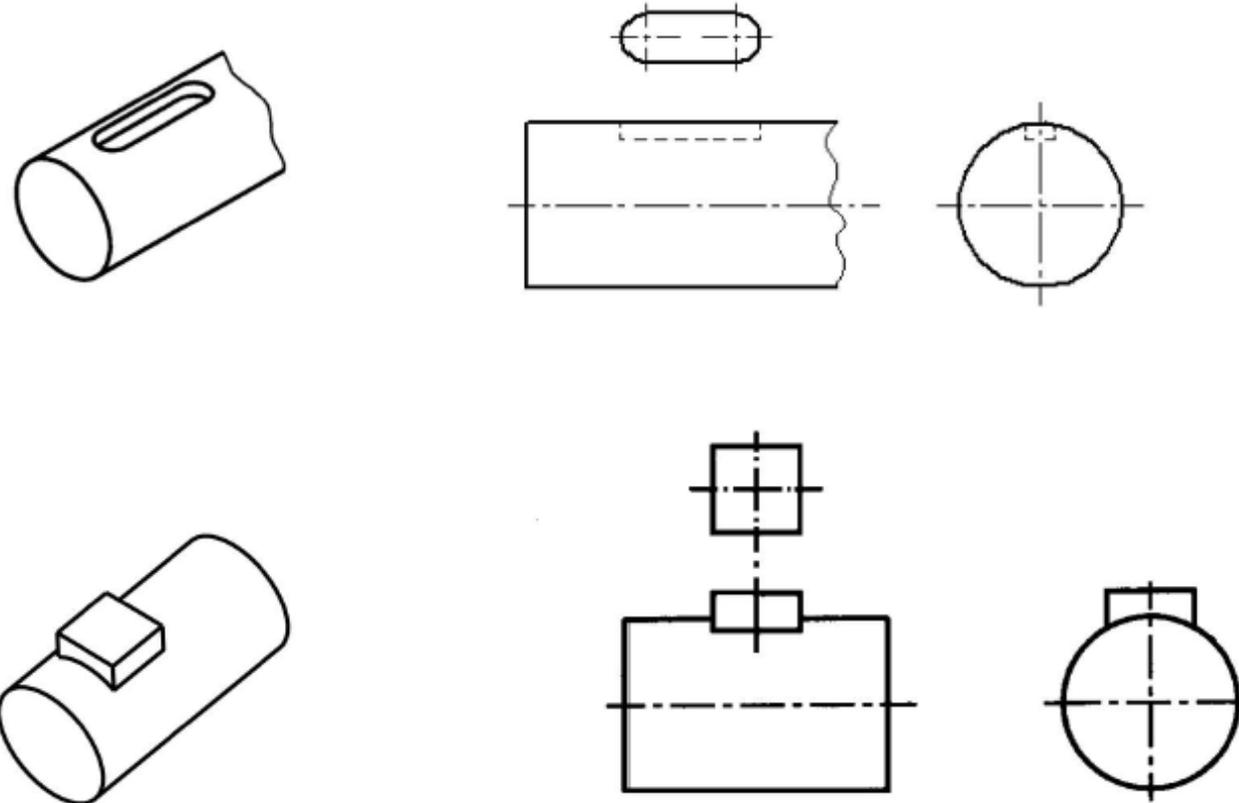
vista de B

# Exemplo



# VISTAS LOCALIZADAS

São projeções complementares de um elemento localizado.



# REALIZAR ATIVIDADES